

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062320\
 Data File : VN062054.D
 Acq On : 23 Jun 2020 20:14
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 24 01:35:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 17 01:19:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	161437	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	283292	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	269624	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	132010	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	114330	52.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.62%	
35) Dibromofluoromethane	7.55	113	93412	51.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.08%	
50) Toluene-d8	10.06	98	363323	50.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.98%	
62) 4-Bromofluorobenzene	12.38	95	127761	52.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.54%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	96269	45.855	ug/l	97
3) Chloromethane	2.03	50	96118	42.894	ug/l	100
4) Vinyl Chloride	2.16	62	122400	45.819	ug/l	99
5) Bromomethane	2.52	94	73504	35.831	ug/l	94
6) Chloroethane	2.66	64	85525	47.306	ug/l	99
7) Trichlorofluoromethane	2.97	101	156453	49.031	ug/l	97
8) Diethyl Ether	3.37	74	58531	54.563	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	81996	50.089	ug/l	98
10) Methyl Iodide	3.91	142	91006	46.482	ug/l	99
11) Tert butyl alcohol	4.73	59	85089	284.002	ug/l	98
12) 1,1-Dichloroethene	3.69	96	79726	48.605	ug/l	98
13) Acrolein	3.56	56	38536	215.204	ug/l	99
14) Allyl chloride	4.27	41	115879	53.229	ug/l	99
15) Acrylonitrile	4.93	53	225552	303.824	ug/l	99
16) Acetone	3.77	43	173196	270.816	ug/l	100
17) Carbon Disulfide	4.00	76	180948	37.702	ug/l	100
18) Methyl Acetate	4.28	43	109012	59.206	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	299193	54.783	ug/l	97
20) Methylene Chloride	4.50	84	101236	48.587	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	89419	47.461	ug/l	98
22) Diisopropyl ether	5.90	45	277853	55.806	ug/l	100
23) Vinyl Acetate	5.84	43	1104911	282.157	ug/l	97
24) 1,1-Dichloroethane	5.80	63	172336	52.876	ug/l	99
25) 2-Butanone	6.79	43	278684	298.671	ug/l	99
26) 2,2-Dichloropropane	6.77	77	134016	48.873	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	109457	50.350	ug/l	97
28) Bromochloromethane	7.15	49	79738	54.947	ug/l	92
29) Tetrahydrofuran	7.17	42	182349	296.953	ug/l	98
30) Chloroform	7.33	83	180068	51.695	ug/l	99
31) Cyclohexane	7.61	56	128791	45.139	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	148351	50.009	ug/l	99
36) 1,1-Dichloropropene	7.75	75	126775	49.063	ug/l	98
37) Ethyl Acetate	6.88	43	118688	58.820	ug/l	99
38) Carbon Tetrachloride	7.73	117	124767	48.760	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	132430	47.597	ug/l	99
40) Benzene	8.00	78	397297	50.758	ug/l	96
41) Methacrylonitrile	7.13	41	57363	66.482	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	139465	52.256	ug/l	99
43) Isopropyl Acetate	8.13	43	200379	58.927	ug/l #	89
44) Trichloroethene	8.80	130	98748	47.937	ug/l	99
45) 1,2-Dichloropropane	9.09	63	103074	53.585	ug/l	100
46) Dibromomethane	9.18	93	70471	52.025	ug/l	96
47) Bromodichloromethane	9.37	83	144659	52.154	ug/l	98
48) Methyl methacrylate	9.17	41	88495	57.226	ug/l	97
49) 1,4-Dioxane	9.17	88	40682	1145.849	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	609497	303.314	ug/l	99
52) Toluene	10.12	92	254871	51.847	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	157143	53.369	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	168924	52.819	ug/l	98
55) 1,1,2-Trichloroethane	10.54	97	107265	55.459	ug/l	98
56) Ethyl methacrylate	10.40	69	152678	51.582	ug/l	98
57) 1,3-Dichloropropane	10.68	76	179543	54.794	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	307409	301.157	ug/l	96
59) 2-Hexanone	10.72	43	443339	274.755	ug/l	100
60) Dibromochloromethane	10.87	129	113713	52.689	ug/l	100
61) 1,2-Dibromoethane	10.98	107	106209	52.589	ug/l	100
64) Tetrachloroethene	10.60	164	80412	46.792	ug/l	99
65) Chlorobenzene	11.41	112	276104	48.530	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	101950	51.380	ug/l	99
67) Ethyl Benzene	11.48	91	493211	51.705	ug/l	99
68) m/p-Xylenes	11.60	106	379558	103.191	ug/l	98
69) o-Xylene	11.92	106	182895	52.114	ug/l	96
70) Styrene	11.94	104	316960	53.938	ug/l	100
71) Bromoform	12.10	173	76039	52.557	ug/l #	98
73) Isopropylbenzene	12.22	105	489158	52.145	ug/l	100
74) N-amyl acetate	12.05	43	179123	52.560	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	163692	53.671	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	202214	78.024	ug/l #	100
77) Bromobenzene	12.50	156	118682	50.148	ug/l	96
78) n-propylbenzene	12.57	91	562641	52.564	ug/l	99
79) 2-Chlorotoluene	12.65	91	332548	51.729	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	405020	52.187	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	51224	53.907	ug/l	99
82) 4-Chlorotoluene	12.75	91	345103	51.951	ug/l	97
83) tert-Butylbenzene	12.97	119	345842	52.564	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	417293	54.469	ug/l	99
85) sec-Butylbenzene	13.15	105	458482	53.239	ug/l	99
86) p-Isopropyltoluene	13.26	119	408464	53.228	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	212244	49.171	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	210819	47.714	ug/l	99
89) n-Butylbenzene	13.59	91	339714	53.008	ug/l	99
90) Hexachloroethane	13.85	117	76324	54.334	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	210247	50.595	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	27930	56.409	ug/l	95

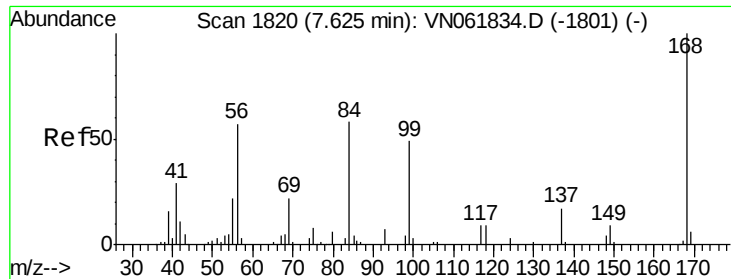
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062320\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	96616	49.272	ug/l	100
94) Hexachlorobutadiene	14.99	225	39664	51.358	ug/l	99
95) Naphthalene	15.11	128	302628	46.359	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	98302	50.620	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062054.D

Acq: 23 Jun 2020 20:14

Instrument :

MSVOA_N

ClientSampleId :

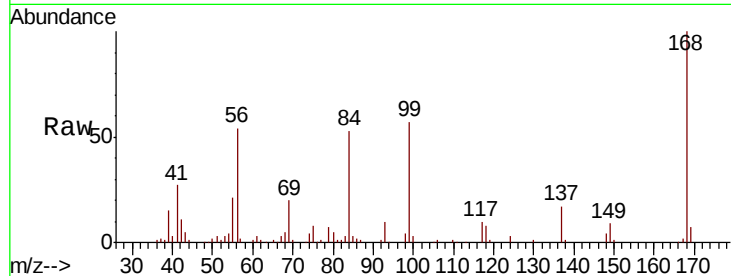
VSTDCCC050EC

Tot Ion:168 Resp: 161437

Ion Ratio Lower Upper

168 100

99 57.1 44.6 67.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

60000

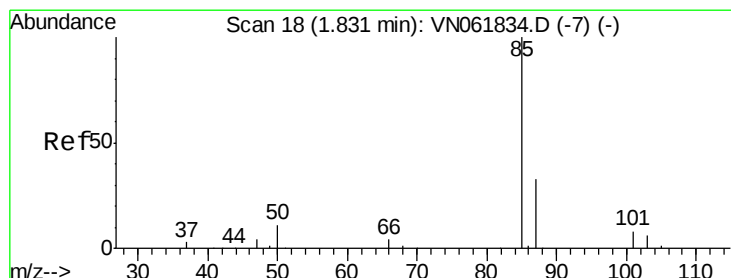
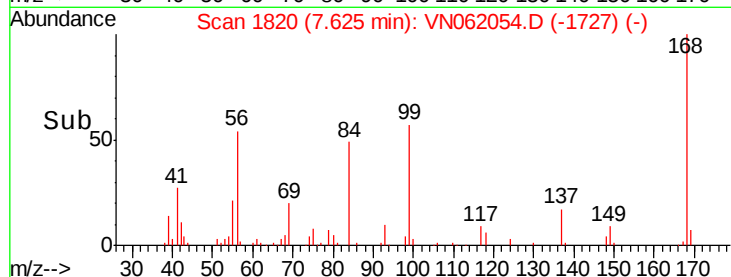
40000

20000

0

7.50 7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 45.855 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN062054.D

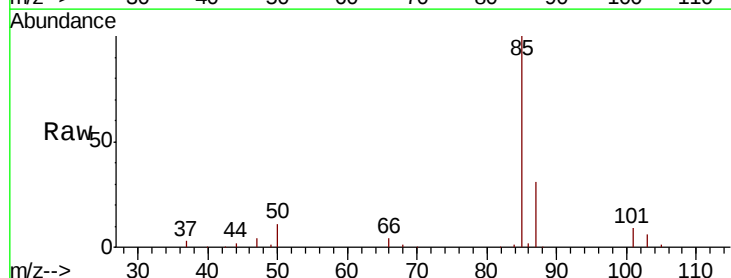
Acq: 23 Jun 2020 20:14

Tgt Ion: 85 Resp: 96269

Ion Ratio Lower Upper

85 100

87 31.5 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

60000

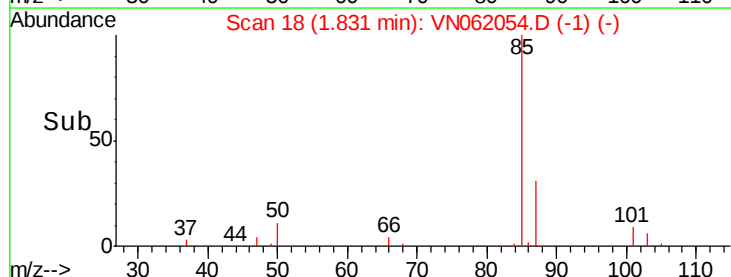
40000

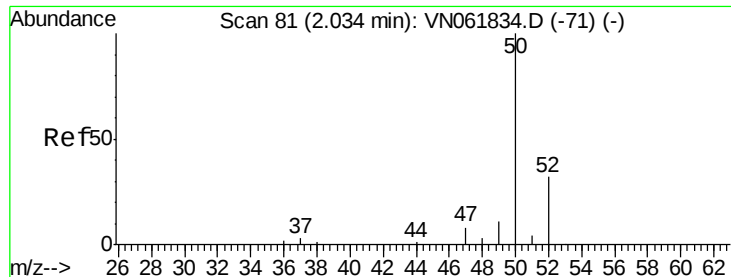
20000

0

1.75 1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 42.894 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN062054.D

Acq: 23 Jun 2020 20:14

Instrument :

MSVOA_N

ClientSampleId :

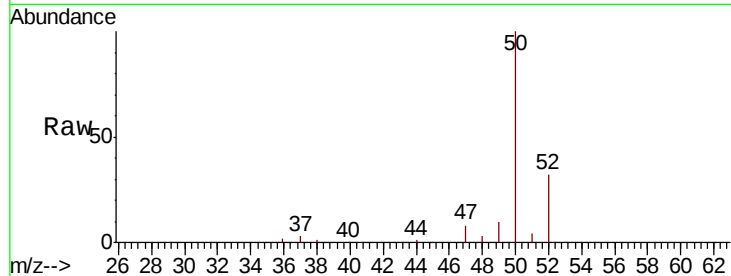
VSTDCCC050EC

Tot Ion: 50 Resp: 96118

Ion Ratio Lower Upper

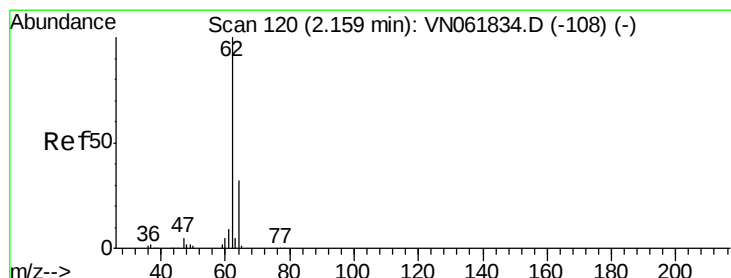
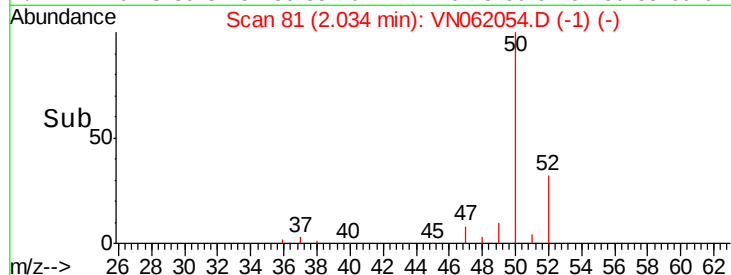
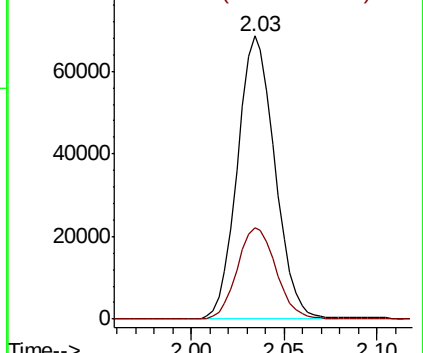
50 100

52 32.4 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 45.819 ug/l

RT: 2.16 min Scan# 119

Delta R.T. -0.00 min

Lab File: VN062054.D

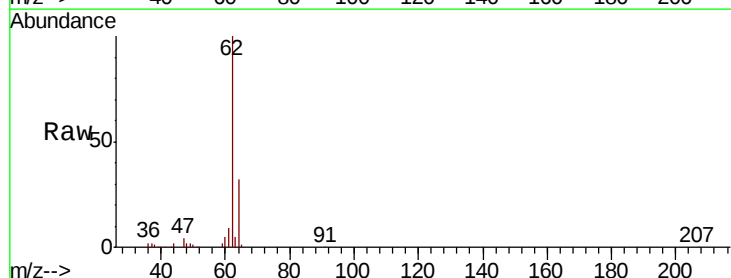
Acq: 23 Jun 2020 20:14

Tgt Ion: 62 Resp: 122400

Ion Ratio Lower Upper

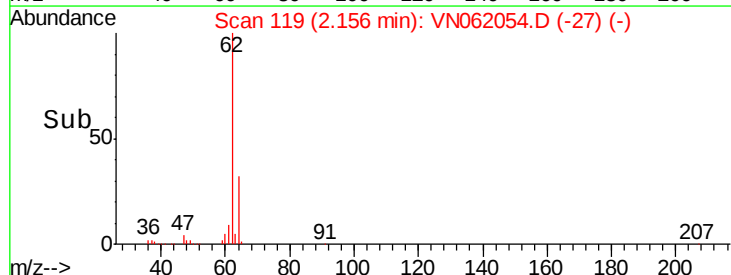
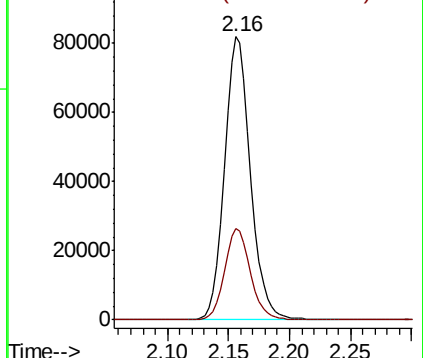
62 100

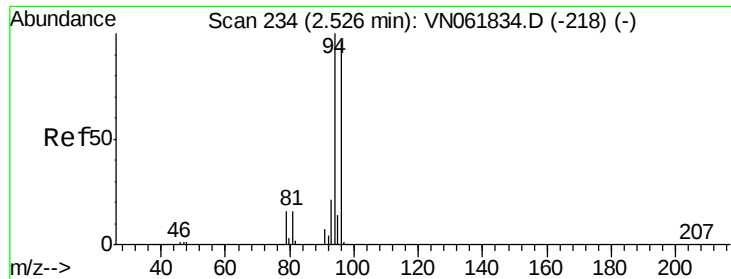
64 32.3 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 35.831 ug/l

RT: 2.52 min Scan# 231

Delta R.T. -0.01 min

Lab File: VN062054.D

Acq: 23 Jun 2020 20:14

Instrument :

MSVOA_N

ClientSampleId :

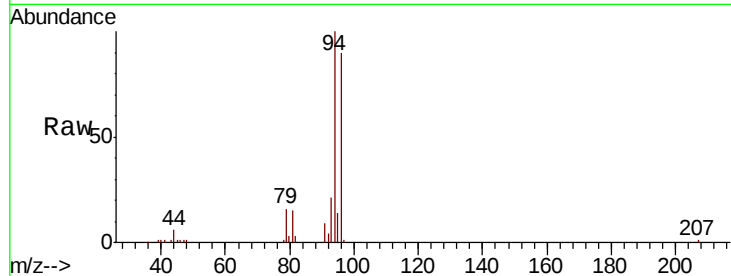
VSTDCCC050EC

Tot Ion: 94 Resp: 73504

Ion Ratio Lower Upper

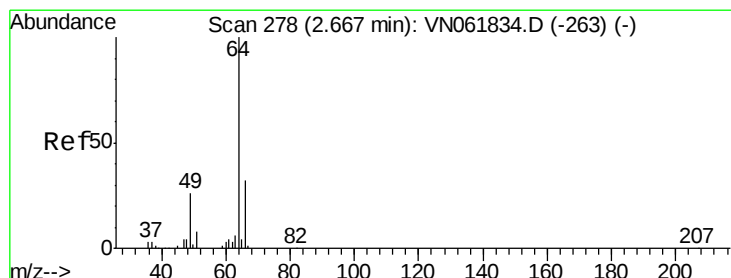
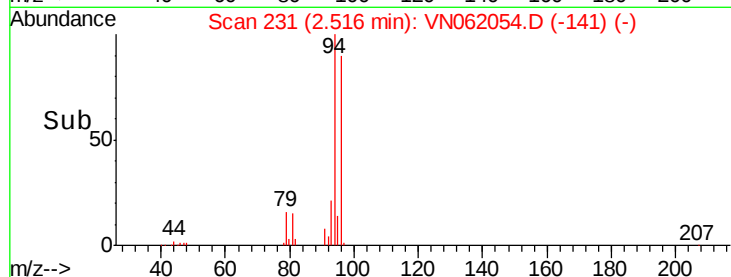
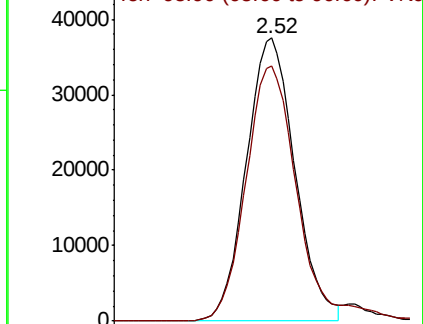
94 100

96 90.0 76.7 115.1



Abundance Ion 93.90 (93.60 to 94.60): VN061834.D (-218) (-)

Ion 95.90 (95.60 to 96.60): VN061834.D (-218) (-)



#6

Chloroethane

Concen: 47.306 ug/l

RT: 2.66 min Scan# 276

Delta R.T. -0.01 min

Lab File: VN062054.D

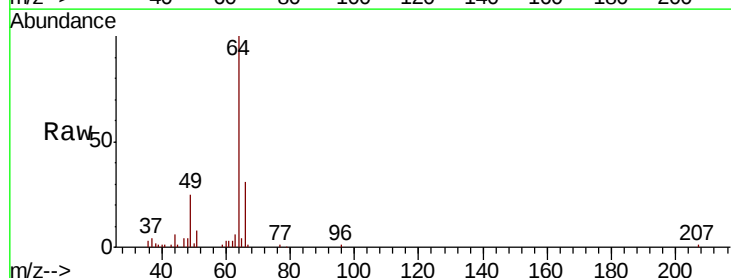
Acq: 23 Jun 2020 20:14

Tgt Ion: 64 Resp: 85525

Ion Ratio Lower Upper

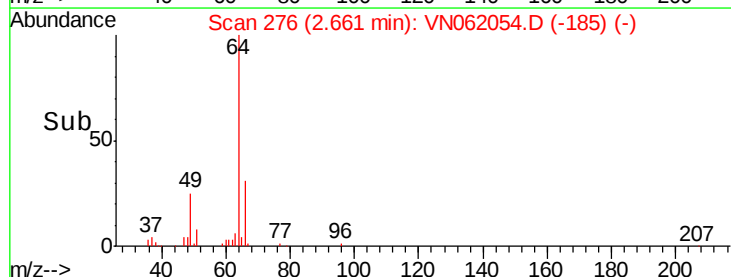
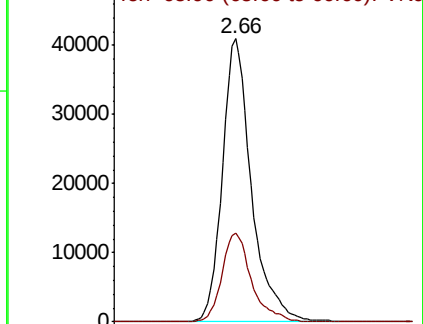
64 100

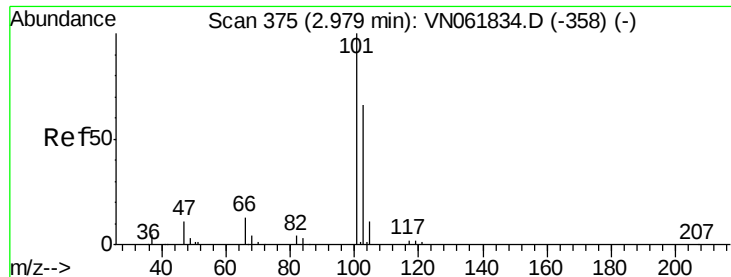
66 31.2 25.4 38.2



Abundance Ion 63.90 (63.60 to 64.60): VN061834.D (-263) (-)

Ion 65.90 (65.60 to 66.60): VN061834.D (-263) (-)



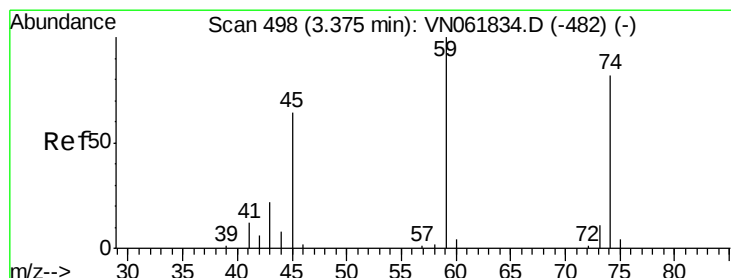
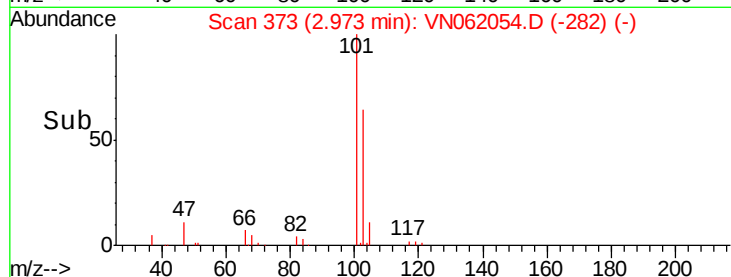
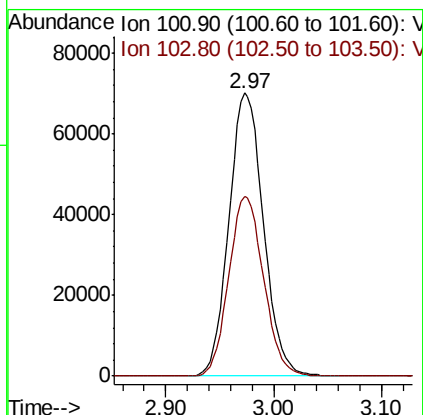
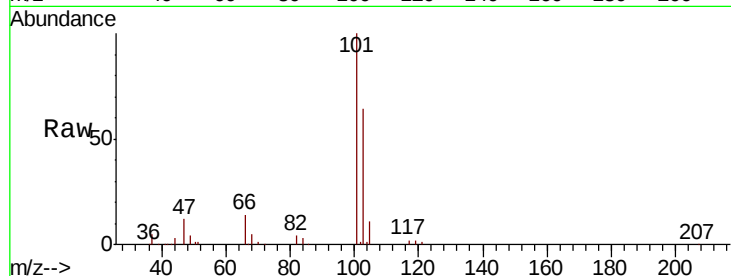


#7

Trichlorofluoromethane
Concen: 49.031 ug/l
RT: 2.97 min Scan# 373
Delta R.T. -0.01 min
Lab File: VN062054.D
Acq: 23 Jun 2020 20:14

Instrument :
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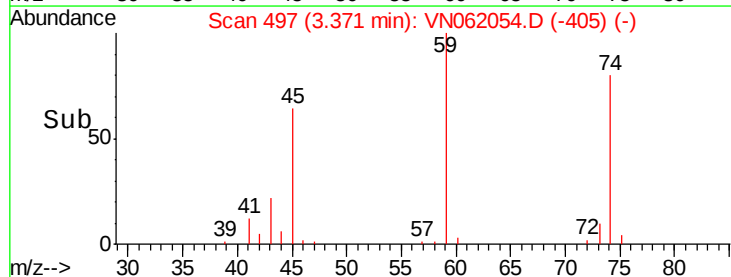
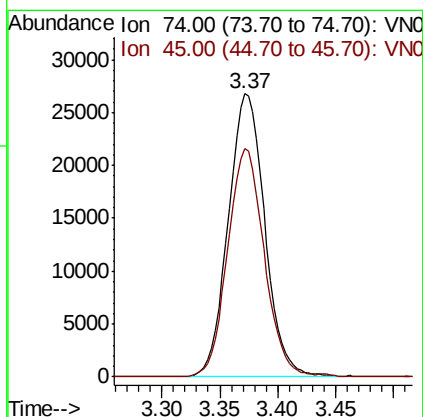
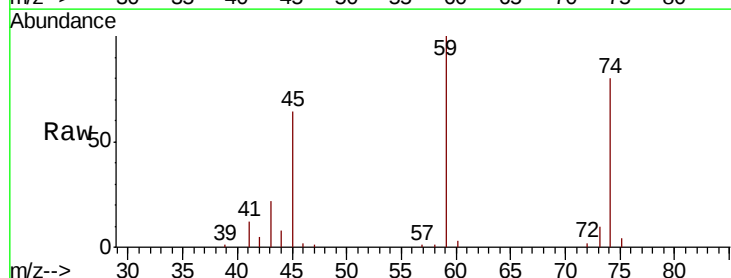
Tot Ion:101 Resp: 156453
Ion Ratio Lower Upper
101 100
103 63.6 52.8 79.2

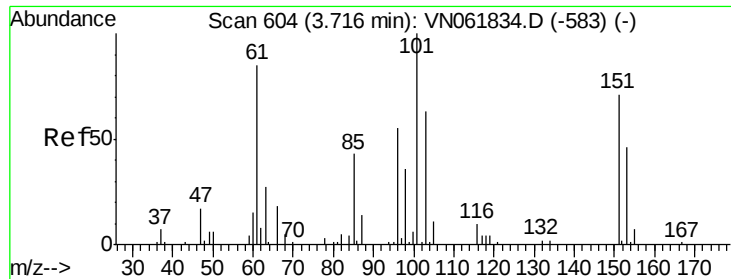


#8

Diethyl Ether
Concen: 54.563 ug/l
RT: 3.37 min Scan# 497
Delta R.T. -0.00 min
Lab File: VN062054.D
Acq: 23 Jun 2020 20:14

Tgt Ion: 74 Resp: 58531
Ion Ratio Lower Upper
74 100
45 80.5 39.1 117.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.089 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN062054.D

Acq: 23 Jun 2020 20:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

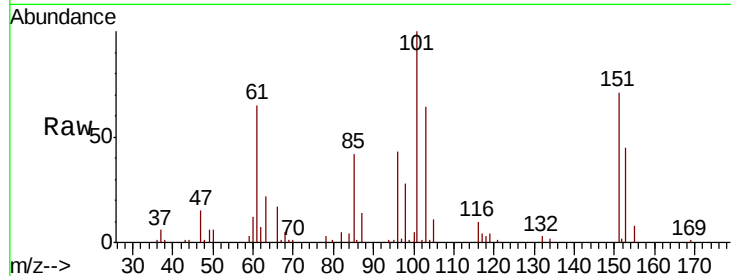
Tot Ion:101 Resp: 81996

Ion Ratio Lower Upper

101 100

85 44.1 35.0 52.6

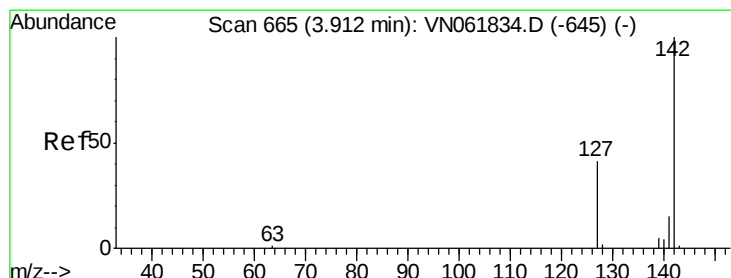
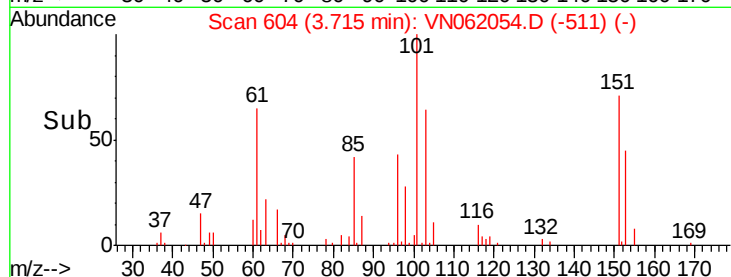
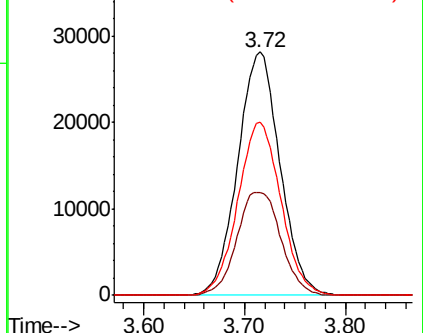
151 72.1 59.2 88.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 46.482 ug/l

RT: 3.91 min Scan# 663

Delta R.T. -0.01 min

Lab File: VN062054.D

Acq: 23 Jun 2020 20:14

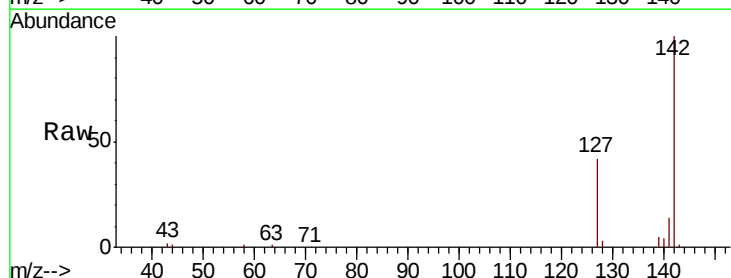
Tgt Ion:142 Resp: 91006

Ion Ratio Lower Upper

142 100

127 42.3 33.4 50.0

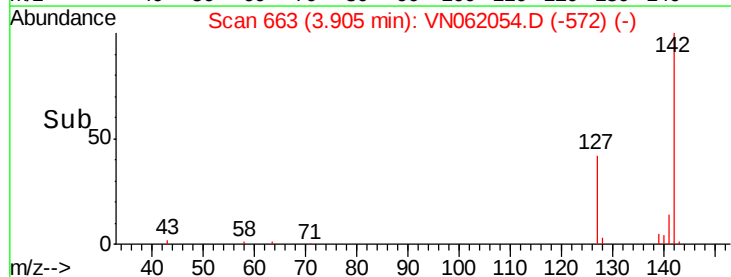
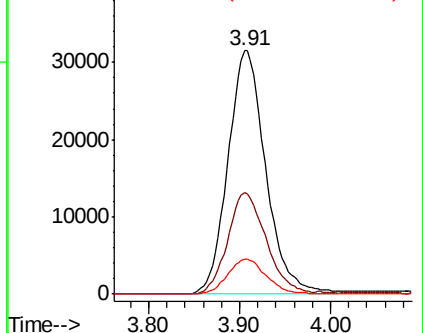
141 14.5 11.3 16.9

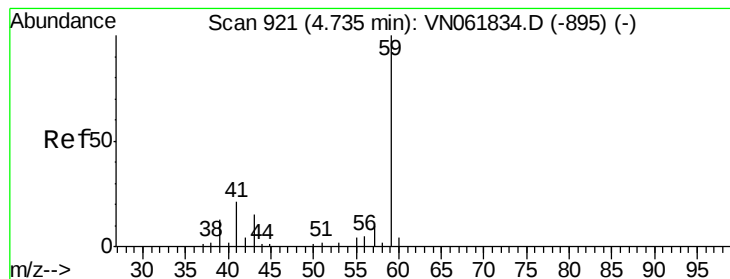


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



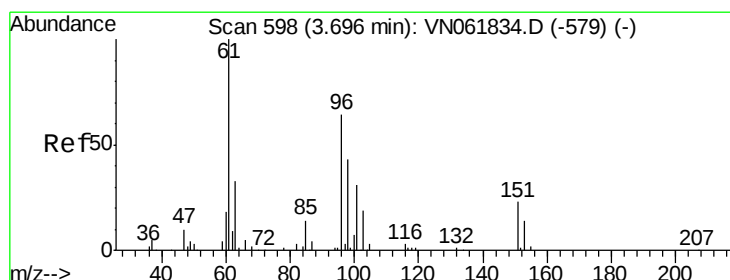
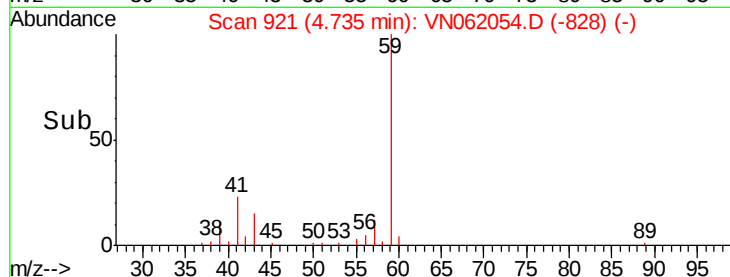
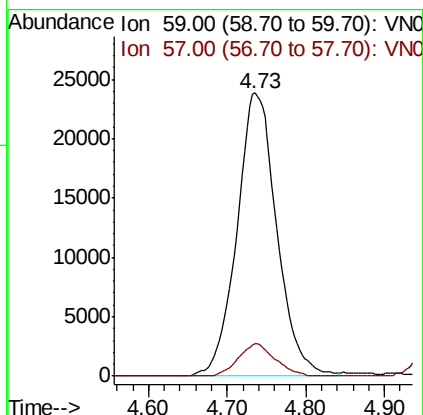
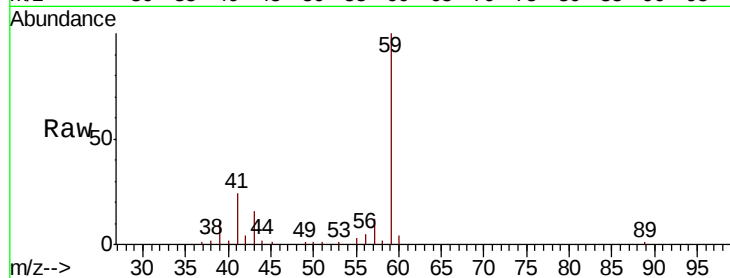


#11

Tert butyl alcohol
 Concen: 284.002 ug/l
 RT: 4.73 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: VN062054.D
 Acq: 23 Jun 2020 20:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

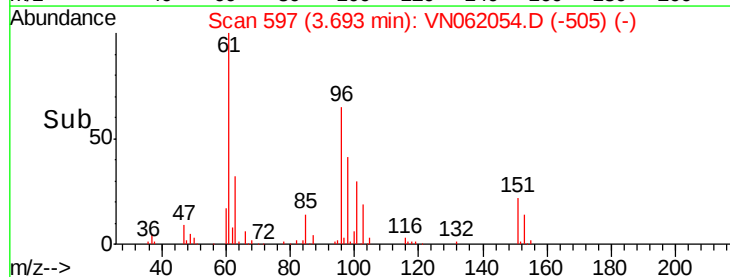
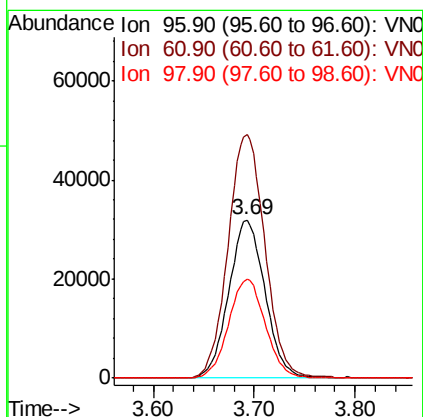
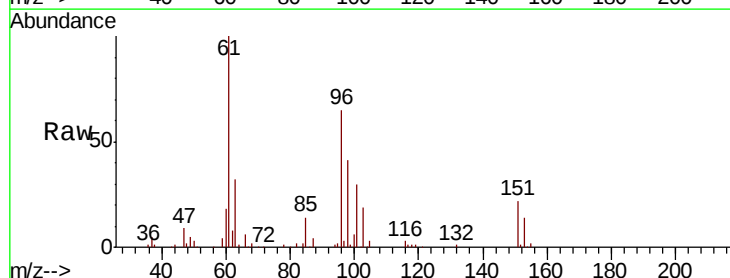
Tot Ion: 59 Resp: 85089
 Ion Ratio Lower Upper
 59 100
 57 10.5 7.7 11.5

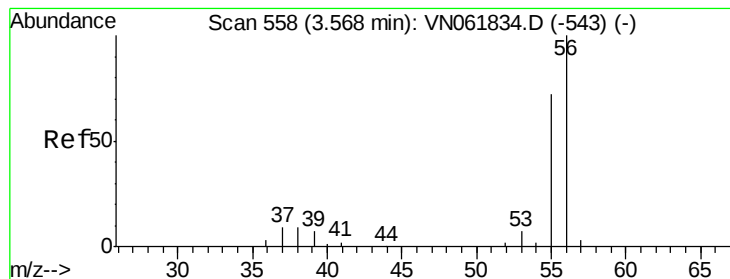


#12

1,1-Dichloroethene
 Concen: 48.605 ug/l
 RT: 3.69 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: VN062054.D
 Acq: 23 Jun 2020 20:14

Tgt Ion: 96 Resp: 79726
 Ion Ratio Lower Upper
 96 100
 61 154.2 124.3 186.5
 98 62.9 53.1 79.7





#13

Acrolein

Concen: 215.204 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN062054.D

Acq: 23 Jun 2020 20:14

Instrument :

MSVOA_N

ClientSampleId :

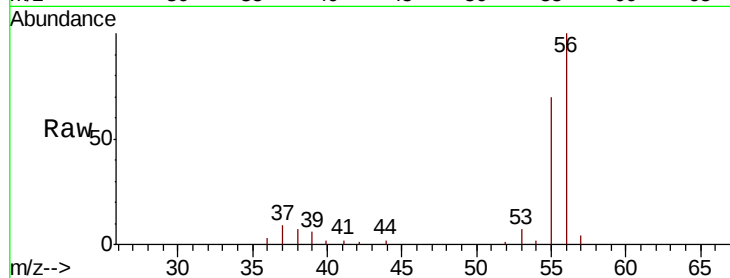
VSTDCCC050EC

Tot Ion: 56 Resp: 38536

Ion Ratio Lower Upper

56 100

55 69.8 56.2 84.4



Abundance Ion 56.00 (55.70 to 56.70): VN061834.D (-543) (-)

Ion 55.00 (54.70 to 55.70): VN061834.D (-543) (-)

3.56

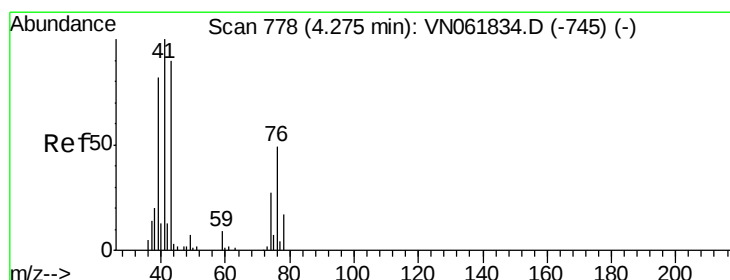
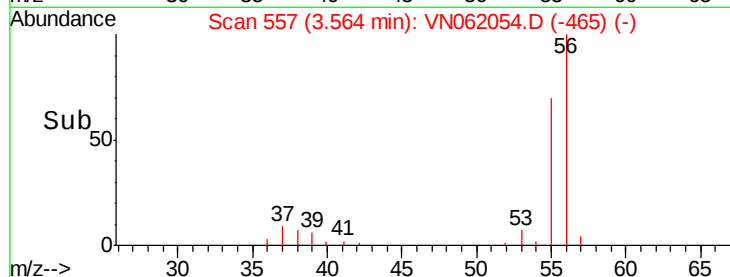
15000

10000

5000

0

Time-->



#14

Allyl chloride

Concen: 53.229 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN062054.D

Acq: 23 Jun 2020 20:14

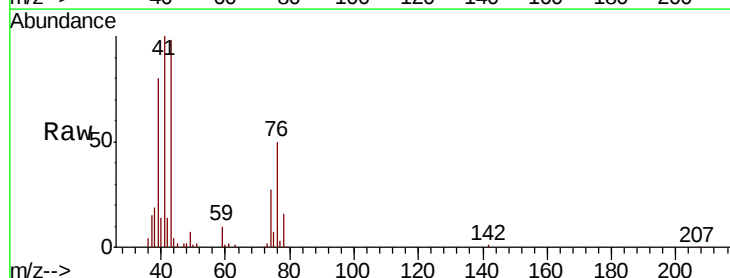
Tgt Ion: 41 Resp: 115879

Ion Ratio Lower Upper

41 100

39 74.8 60.2 90.2

76 43.6 36.3 54.5



Abundance Ion 41.00 (40.70 to 41.70): VN061834.D (-745) (-)

Ion 39.00 (38.70 to 39.70): VN061834.D (-745) (-)

Ion 75.90 (75.60 to 76.60): VN061834.D (-745) (-)

4.27

50000

40000

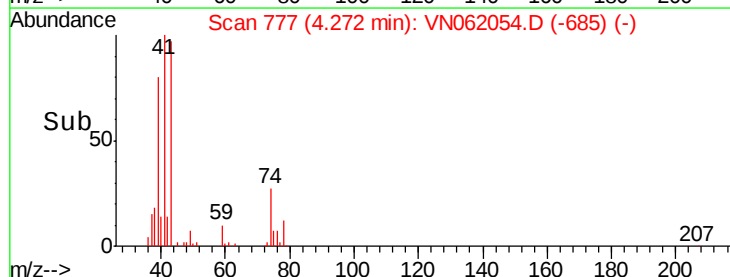
30000

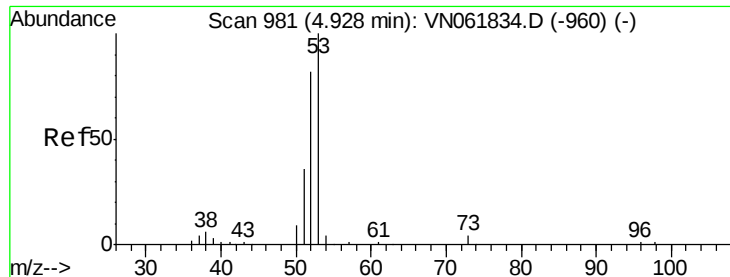
20000

10000

0

Time-->





#15

Acrylonitrile

Concen: 303.824 ug/l

RT: 4.93 min Scan# 981

Delta R.T. -0.00 min

Lab File: VN062054.D

Acq: 23 Jun 2020 20:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

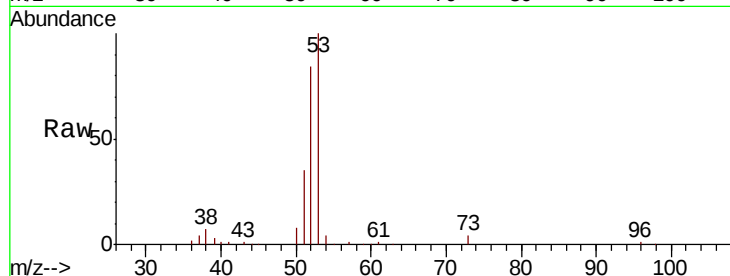
Tot Ion: 53 Resp: 22552

Ion Ratio Lower Upper

53 100

52 81.8 65.2 97.8

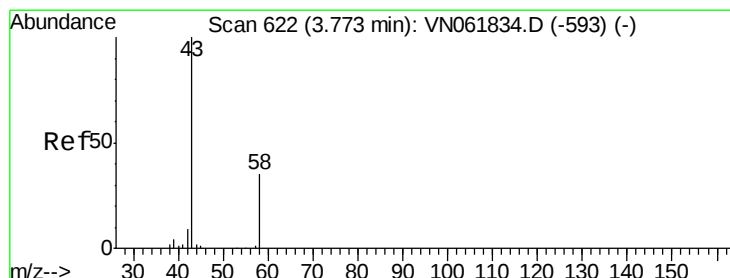
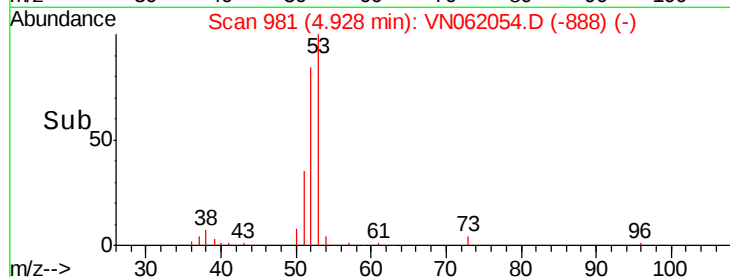
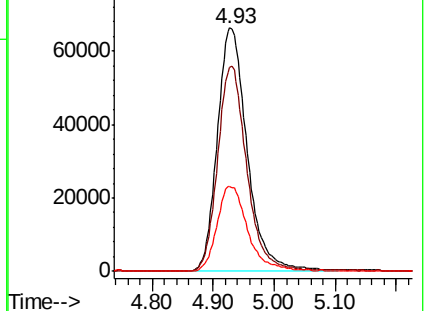
51 35.8 29.3 43.9



Abundance Ion 53.00 (52.70 to 53.70): VN061834.D (-960) (-)

Ion 52.00 (51.70 to 52.70): VN061834.D (-960) (-)

Ion 51.00 (50.70 to 51.70): VN061834.D (-960) (-)



#16

Acetone

Concen: 270.816 ug/l

RT: 3.77 min Scan# 622

Delta R.T. -0.00 min

Lab File: VN062054.D

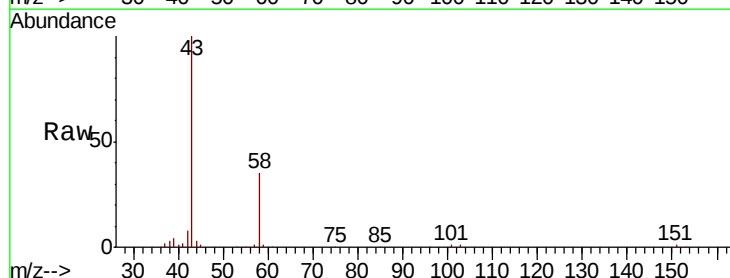
Acq: 23 Jun 2020 20:14

Tgt Ion: 43 Resp: 173196

Ion Ratio Lower Upper

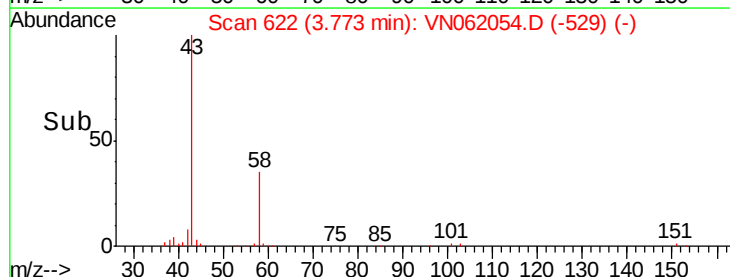
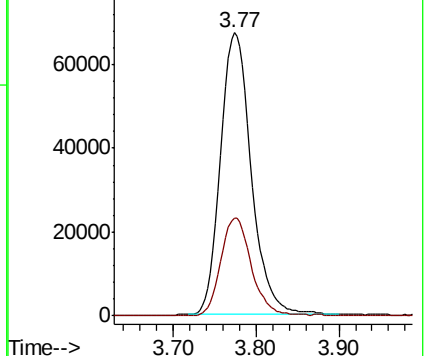
43 100

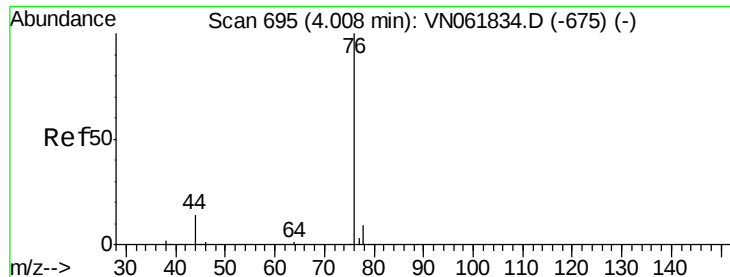
58 34.9 27.8 41.8



Abundance Ion 43.00 (42.70 to 43.70): VN061834.D (-593) (-)

Ion 58.00 (57.70 to 58.70): VN061834.D (-593) (-)

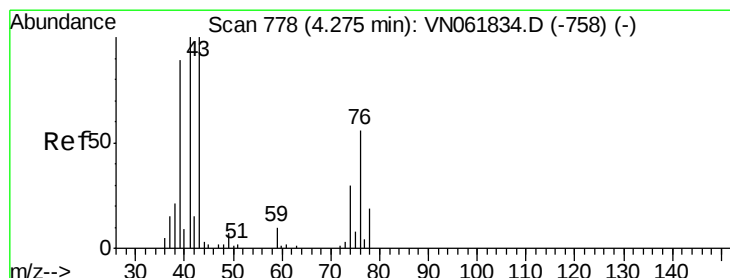
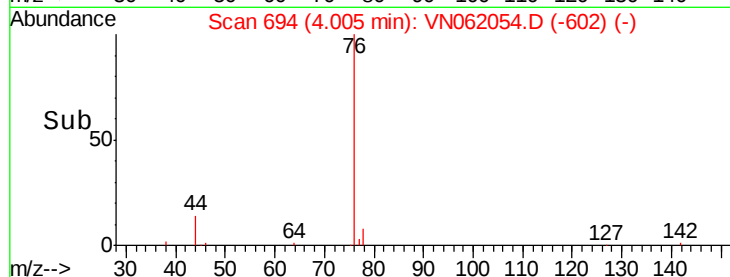
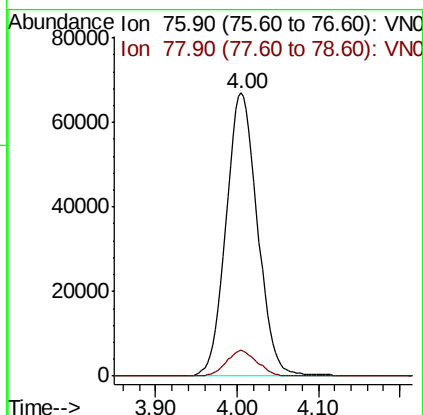
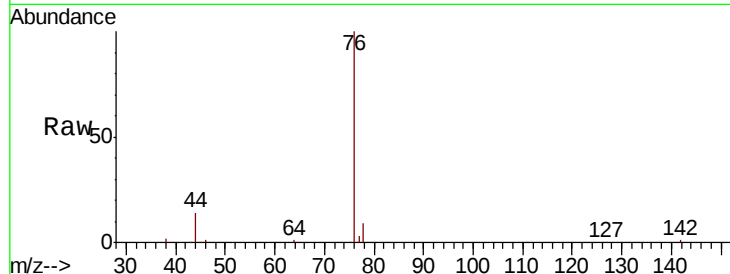




#17
Carbon Disulfide
Concen: 37.702 ug/l
RT: 4.00 min Scan# 694
Delta R.T. -0.00 min
Lab File: VN062054.D
Acq: 23 Jun 2020 20:14

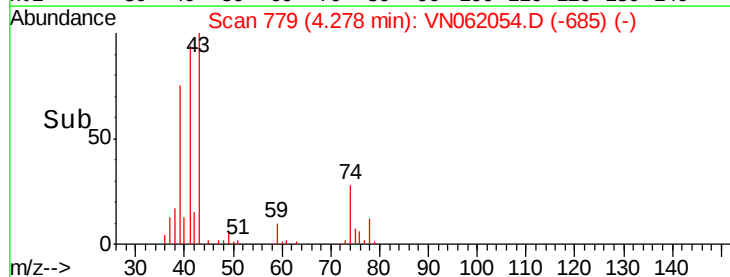
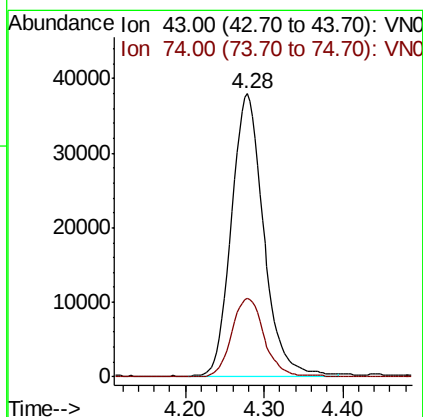
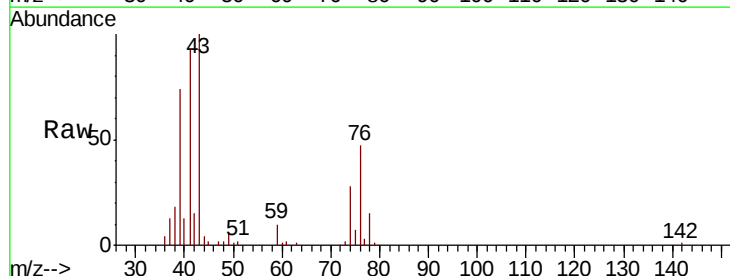
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

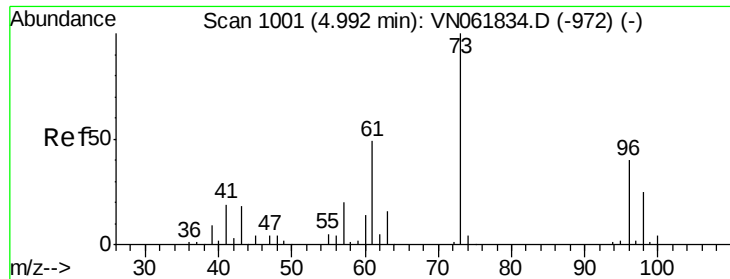
Tot Ion: 76 Resp: 180948
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#18
Methyl Acetate
Concen: 59.206 ug/l
RT: 4.28 min Scan# 779
Delta R.T. 0.00 min
Lab File: VN062054.D
Acq: 23 Jun 2020 20:14

Tgt Ion: 43 Resp: 109012
Ion Ratio Lower Upper
43 100
74 27.7 23.0 34.4

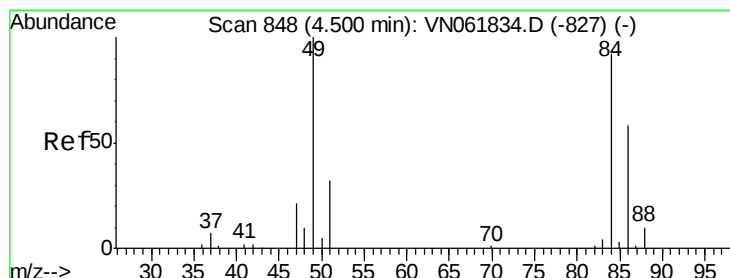
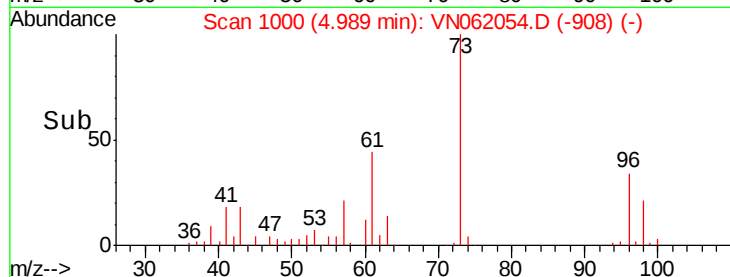
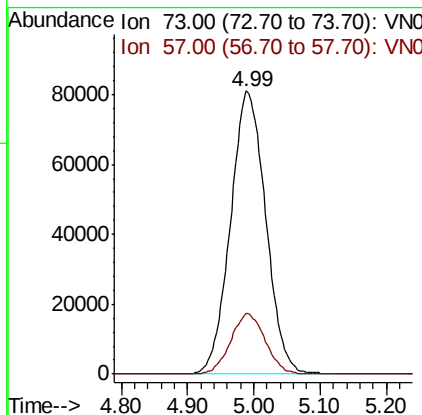
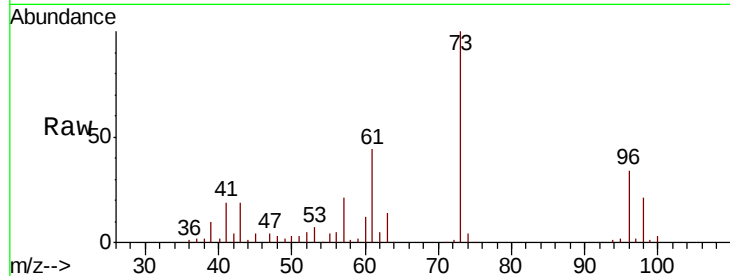




#19
Methvl tert-butvl Ether
Concen: 54.783 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VN062054.D
Acq: 23 Jun 2020 20:14

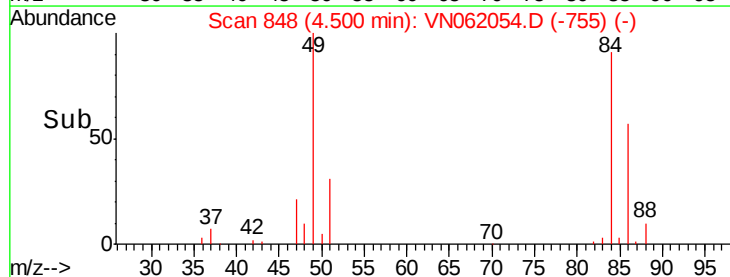
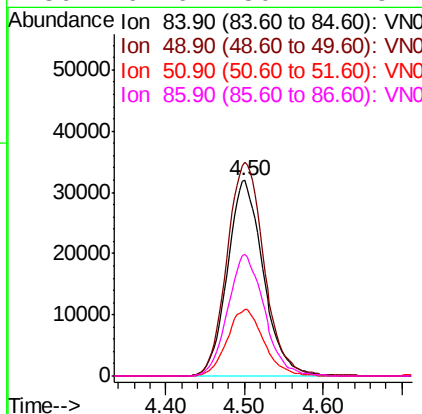
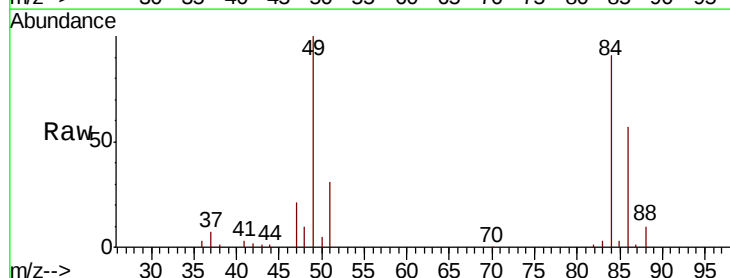
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

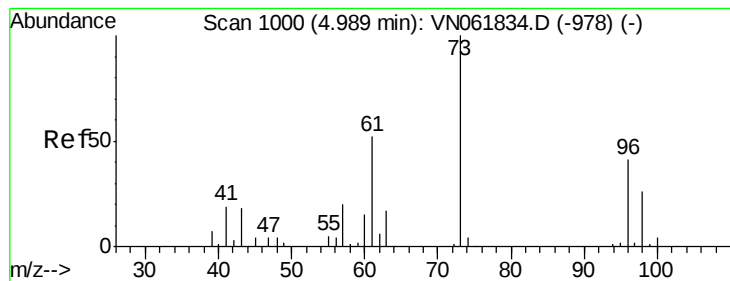
Tot Ion: 73 Resp: 299193
Ion Ratio Lower Upper
73 100
57 21.5 16.2 24.4



#20
Methylene Chloride
Concen: 48.587 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN062054.D
Acq: 23 Jun 2020 20:14

Tgt Ion: 84 Resp: 101236
Ion Ratio Lower Upper
84 100
49 109.4 87.0 130.4
51 34.1 27.8 41.6
86 62.6 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 47.461 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN062054.D

Acq: 23 Jun 2020 20:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

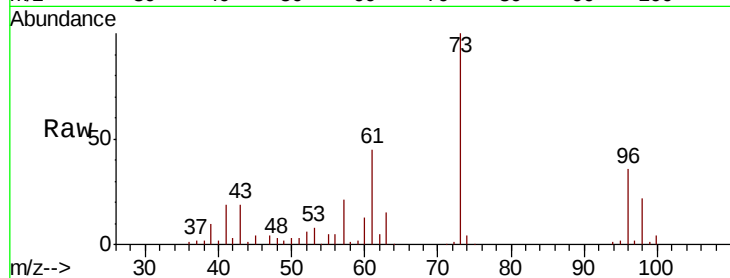
Tot Ion: 96 Resp: 89419

Ion Ratio Lower Upper

96 100

61 126.2 102.2 153.4

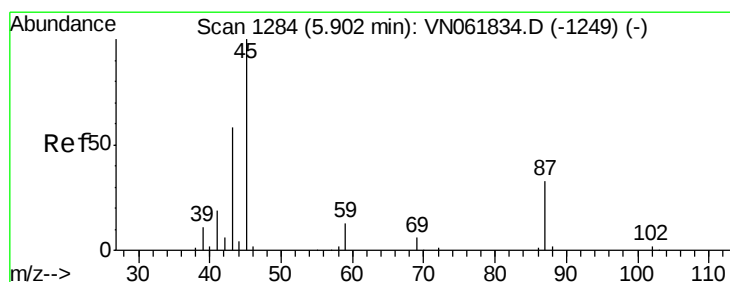
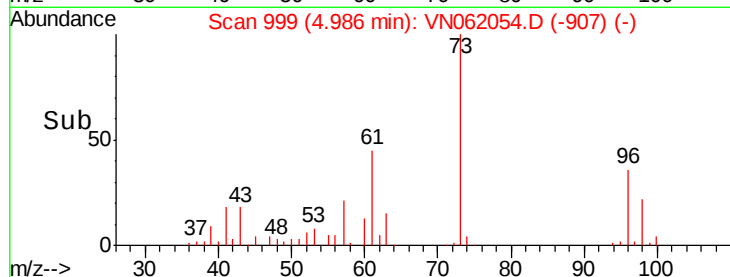
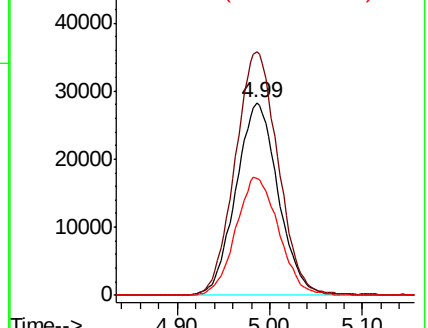
98 60.9 51.2 76.8



Abundance Ion 95.90 (95.60 to 96.60): VN061834.D (-978) (-)

Ion 60.90 (60.60 to 61.60): VN061834.D (-978) (-)

Ion 97.90 (97.60 to 98.60): VN061834.D (-978) (-)



#22

Diisopropyl ether

Concen: 55.806 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VN062054.D

Acq: 23 Jun 2020 20:14

Tgt Ion: 45 Resp: 277853

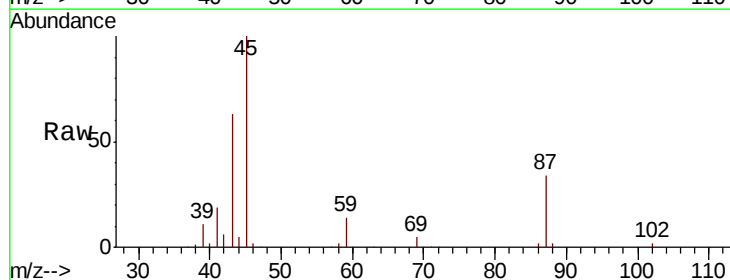
Ion Ratio Lower Upper

45 100

43 61.7 49.4 74.2

87 33.6 27.4 41.0

59 13.1 10.6 15.8

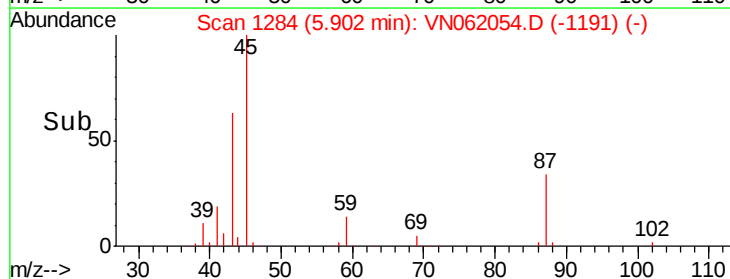
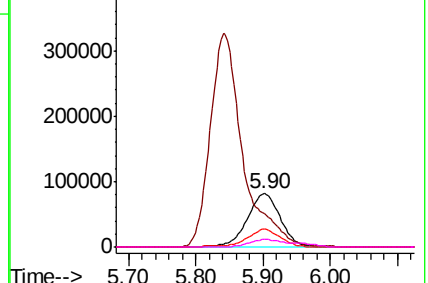


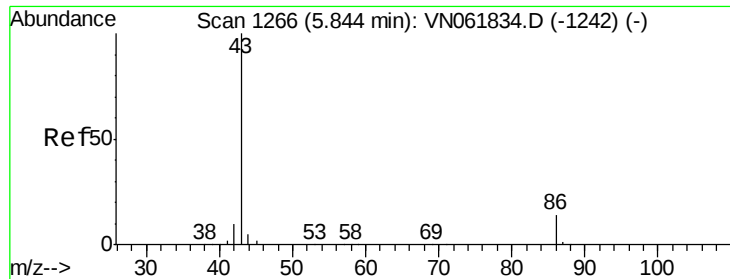
Abundance Ion 45.00 (44.70 to 45.70): VN061834.D (-1249) (-)

Ion 43.00 (42.70 to 43.70): VN061834.D (-1249) (-)

Ion 87.00 (86.70 to 87.70): VN061834.D (-1249) (-)

Ion 59.00 (58.70 to 59.70): VN061834.D (-1249) (-)





#23

Vinyl Acetate

Concen: 282.157 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. -0.00 min

Lab File: VN062054.D

Acq: 23 Jun 2020 20:14

Instrument :

MSVOA_N

ClientSampleId :

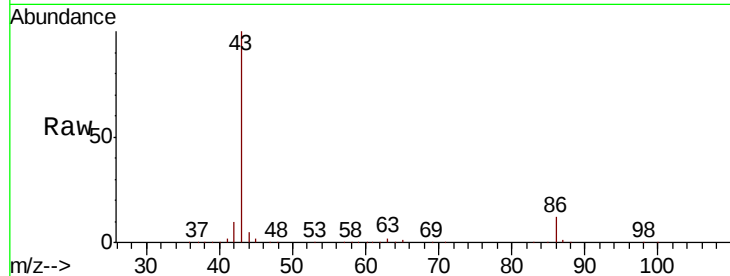
VSTDCCC050EC

Tot Ion: 43 Resp: 1104911

Ion Ratio Lower Upper

43 100

86 12.5 10.9 16.3



Abundance Ion 43.00 (42.70 to 43.70): VN062054.D (-1173) (-)

Ion 86.00 (85.70 to 86.70): VN062054.D (-1173) (-)

5.84

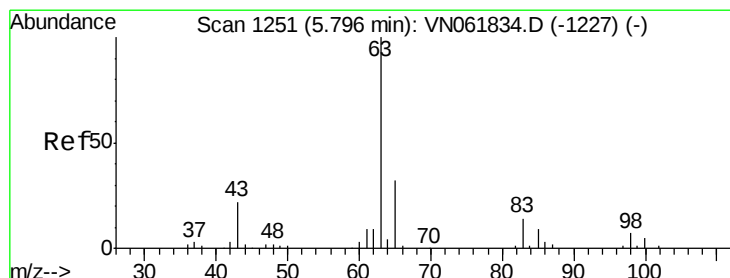
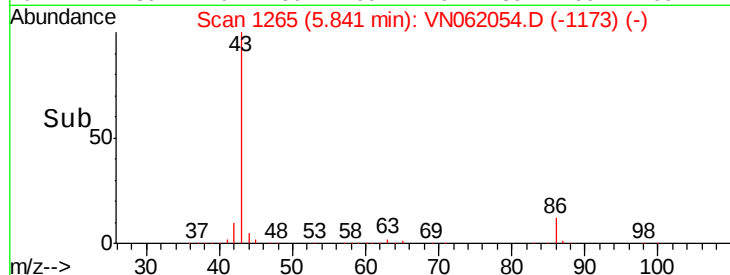
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 52.876 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN062054.D

Acq: 23 Jun 2020 20:14

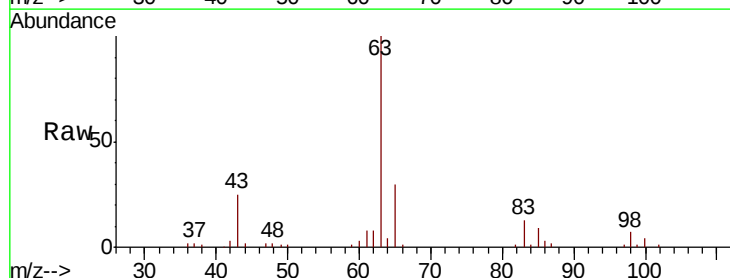
Tgt Ion: 63 Resp: 172336

Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.4

100 4.3 2.5 7.4



Abundance Ion 62.90 (62.60 to 63.60): VN062054.D (-1158) (-)

Ion 97.90 (97.60 to 98.60): VN062054.D (-1158) (-)

Ion 99.90 (99.60 to 100.60): VN062054.D (-1158) (-)

5.80

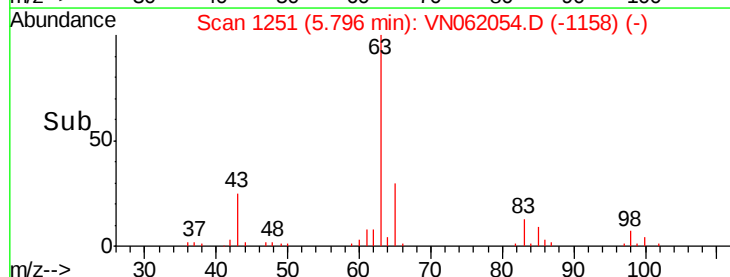
60000

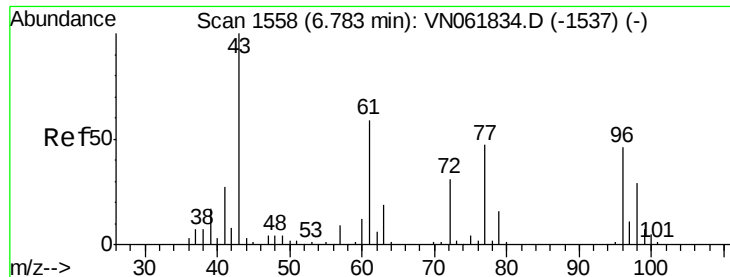
40000

20000

0

Time-->





#25

2-Butanone

Concen: 298.671 ug/l

RT: 6.79 min Scan# 1559

Delta R.T. 0.00 min

Lab File: VN062054.D

Acq: 23 Jun 2020 20:14

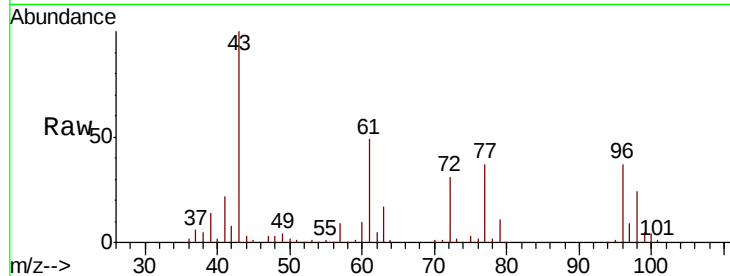
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 278684

Ion Ratio Lower Upper

43 100

72 31.4 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VN061834.D (-1537) (-)

Ion 72.00 (71.70 to 72.70): VN061834.D (-1537) (-)

6.79

100000

80000

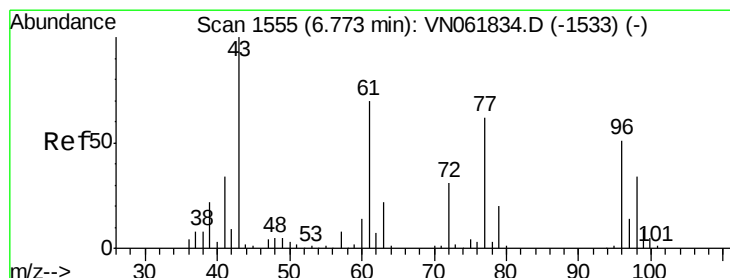
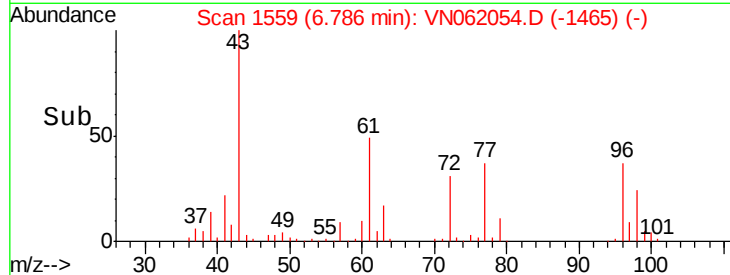
60000

40000

20000

0

Time--> 6.65 6.70 6.75 6.80 6.85



#26

2,2-Dichloropropane

Concen: 48.873 ug/l

RT: 6.77 min Scan# 1555

Delta R.T. -0.00 min

Lab File: VN062054.D

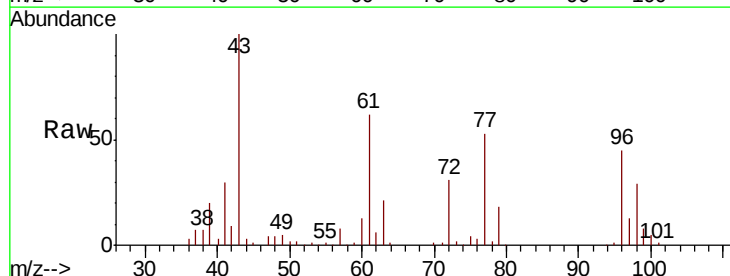
Acq: 23 Jun 2020 20:14

Tgt Ion: 77 Resp: 134016

Ion Ratio Lower Upper

77 100

97 23.2 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VN061834.D (-1533) (-)

Ion 96.90 (96.60 to 97.60): VN061834.D (-1533) (-)

6.77

50000

40000

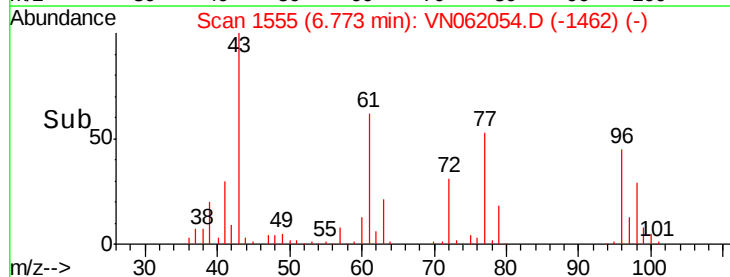
30000

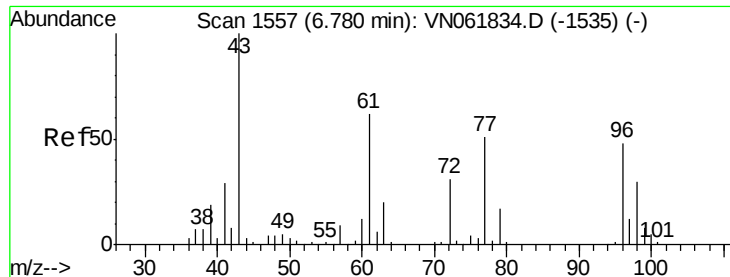
20000

10000

0

Time--> 6.70 6.80 6.90





#27

cis-1,2-Dichloroethene

Concen: 50.350 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. -0.00 min

Lab File: VN062054.D

Acq: 23 Jun 2020 20:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

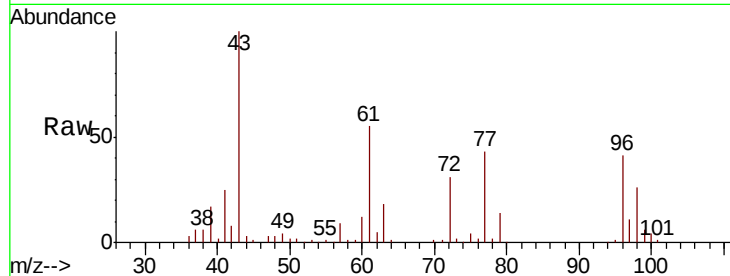
Tot Ion: 96 Resp: 109457

Ion Ratio Lower Upper

96 100

61 138.0 0.0 265.6

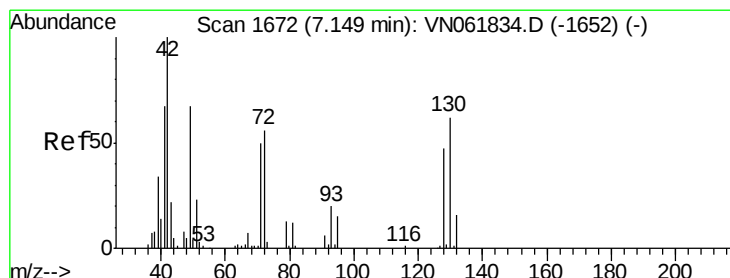
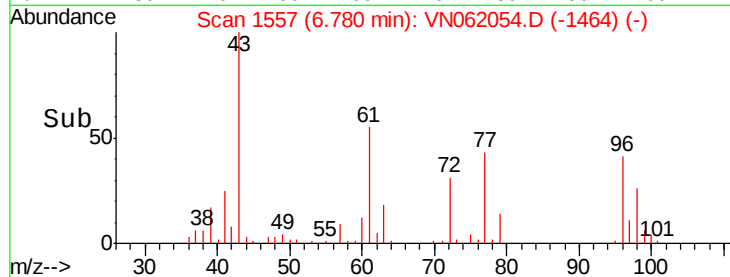
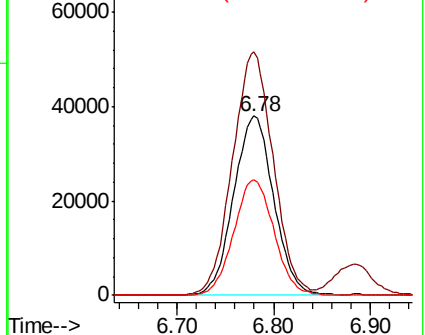
98 64.5 0.0 128.2



Abundance Ion 95.90 (95.60 to 96.60): VN061834.D (-1535) (-)

Ion 60.90 (60.60 to 61.60): VN061834.D (-1535) (-)

Ion 97.90 (97.60 to 98.60): VN061834.D (-1535) (-)



#28

Bromochloromethane

Concen: 54.947 ug/l

RT: 7.15 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VN062054.D

Acq: 23 Jun 2020 20:14

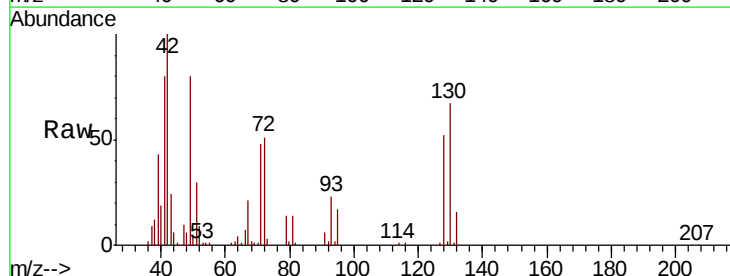
Tgt Ion: 49 Resp: 79738

Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.0

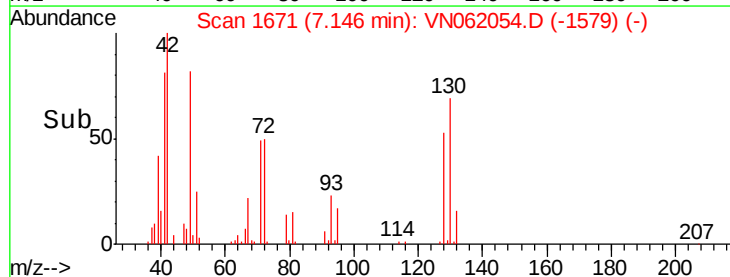
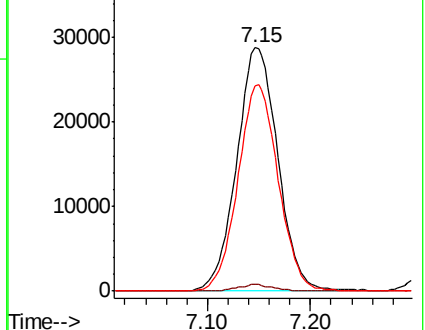
130 83.0 72.2 108.2

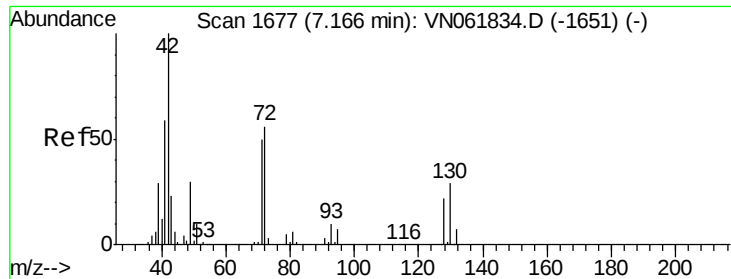


Abundance Ion 48.90 (48.60 to 49.60): VN061834.D (-1652) (-)

Ion 128.80 (128.50 to 129.50): VN061834.D (-1652) (-)

Ion 129.80 (129.50 to 130.50): VN061834.D (-1652) (-)

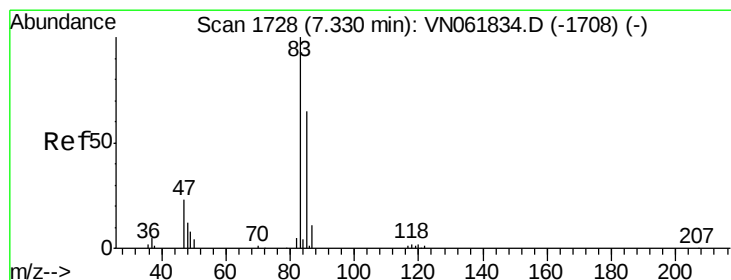
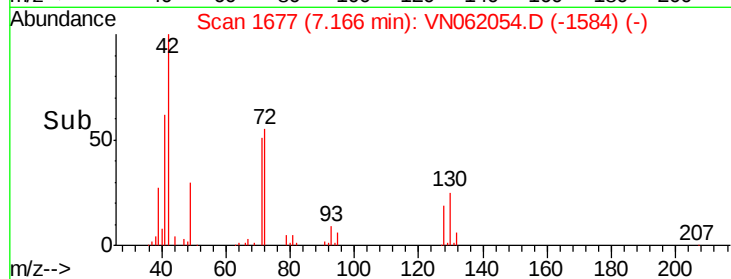
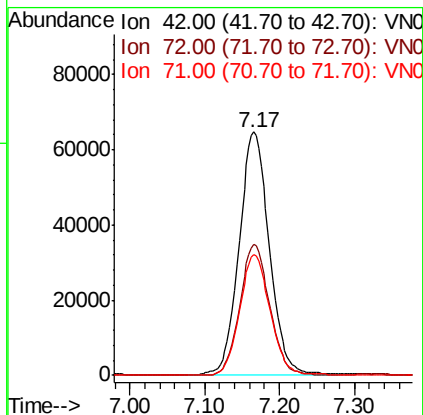
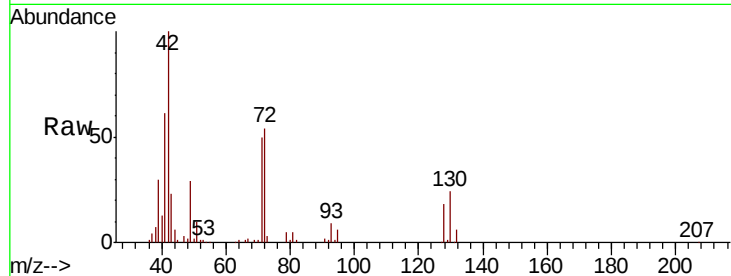




#29
Tetrahydrofuran
Concen: 296.953 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN062054.D
Acq: 23 Jun 2020 20:14

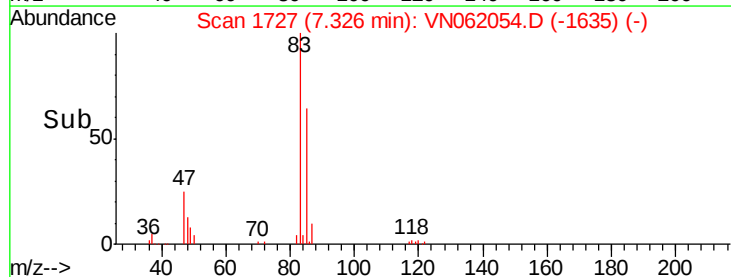
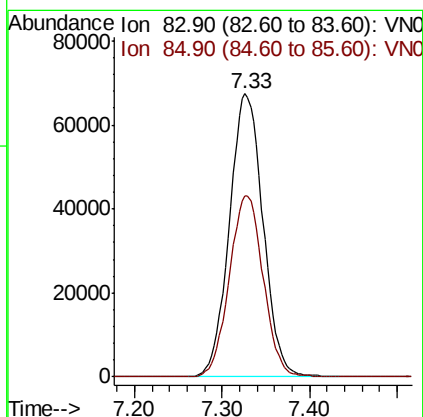
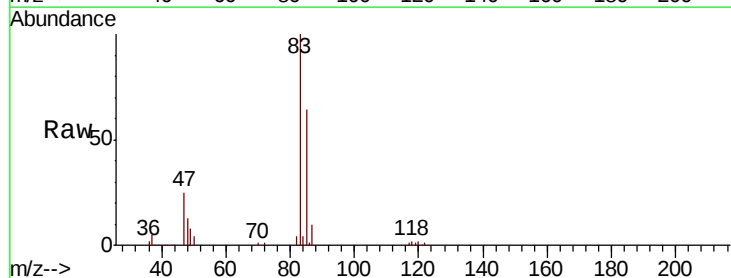
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

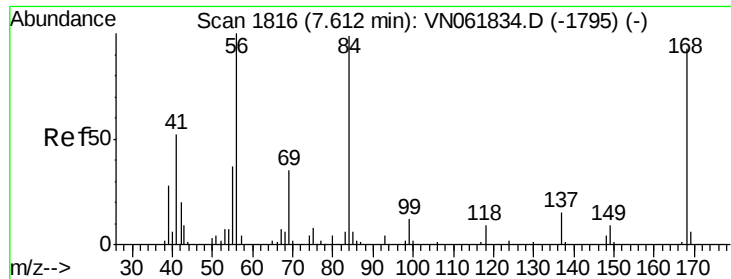
Tot Ion: 42 Resp: 182349
Ion Ratio Lower Upper
42 100
72 53.0 44.0 66.0
71 49.4 40.0 60.0



#30
Chloroform
Concen: 51.695 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN062054.D
Acq: 23 Jun 2020 20:14

Tgt Ion: 83 Resp: 180068
Ion Ratio Lower Upper
83 100
85 63.8 52.0 78.0

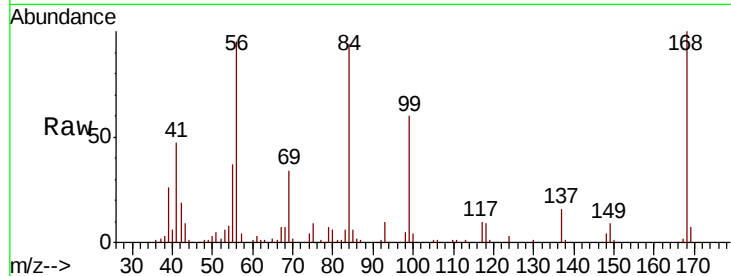




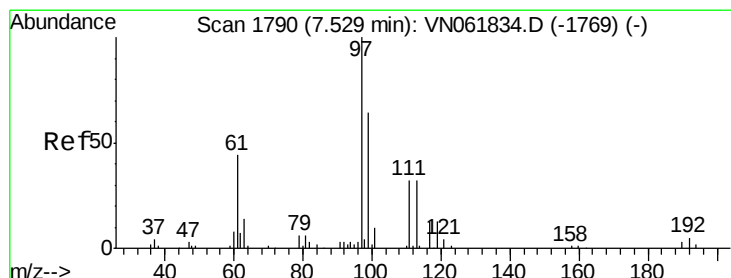
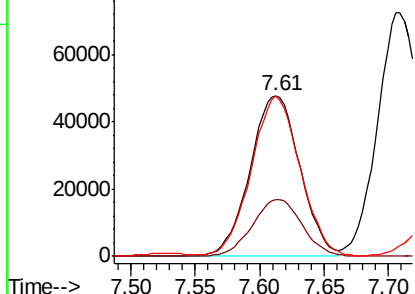
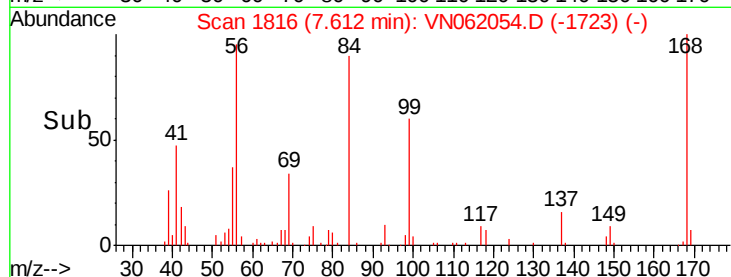
#31
Cyclohexane
Concen: 45.139 ug/l
RT: 7.61 min Scan# 1816
Delta R.T. -0.00 min
Lab File: VN062054.D
Acq: 23 Jun 2020 20:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 56 Resp: 128791
Ion Ratio Lower Upper
56 100
69 35.5 27.7 41.5
84 98.5 79.1 118.7

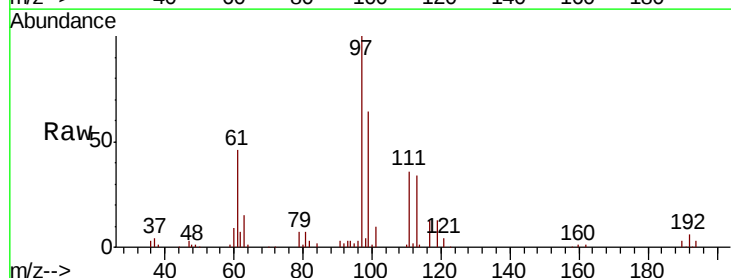


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

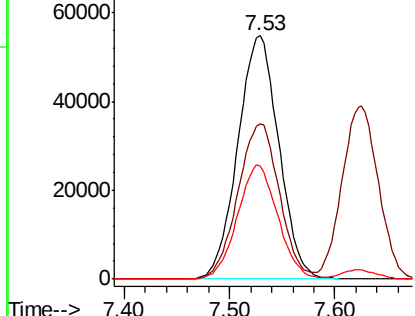
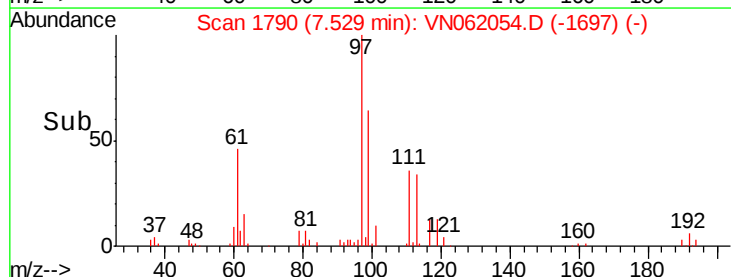


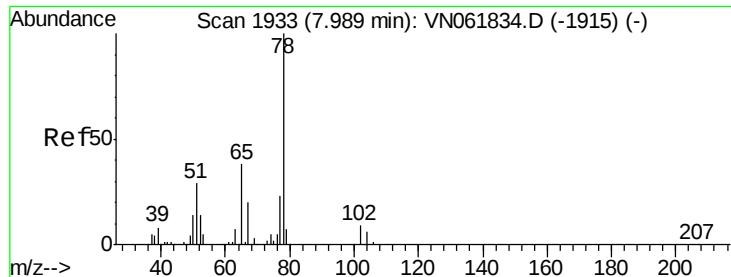
#32
1,1,1-Trichloroethane
Concen: 50.009 ug/l
RT: 7.53 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VN062054.D
Acq: 23 Jun 2020 20:14

Tgt Ion: 97 Resp: 148351
Ion Ratio Lower Upper
97 100
99 64.4 51.5 77.3
61 46.1 35.1 52.7



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0





#33

1,2-Dichloroethane-d4

Concen: 52.806 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN062054.D

Acq: 23 Jun 2020 20:14

Instrument :

MSVOA_N

ClientSampleId :

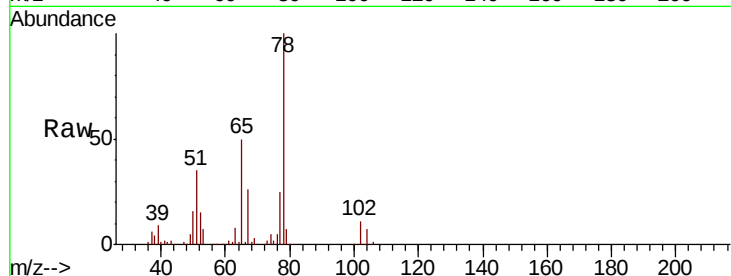
VSTDCCC050EC

Tot Ion: 65 Resp: 114330

Ion Ratio Lower Upper

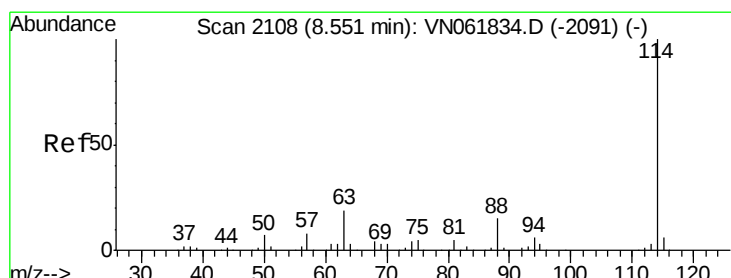
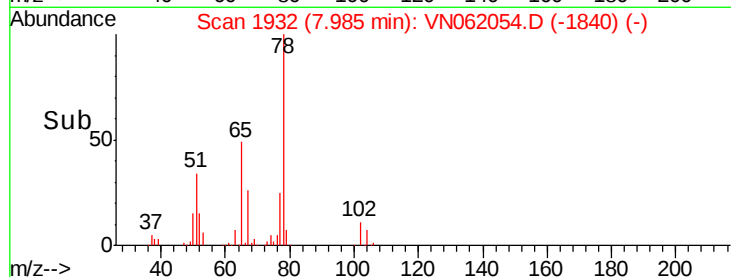
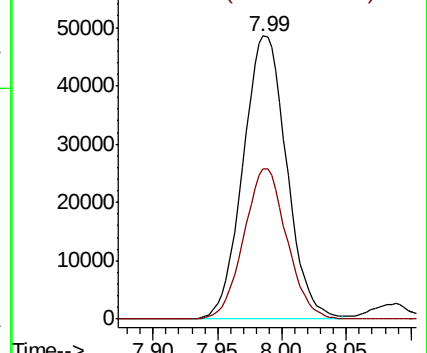
65 100

67 52.5 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN062054.D

Acq: 23 Jun 2020 20:14

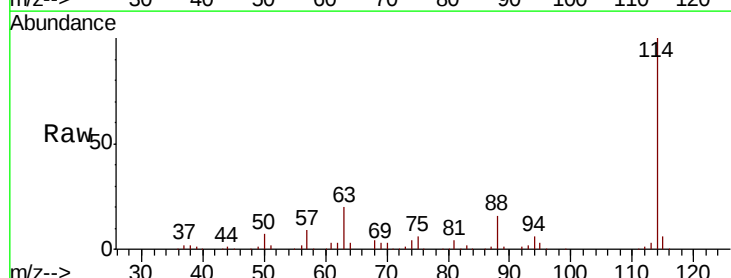
Tgt Ion: 114 Resp: 283292

Ion Ratio Lower Upper

114 100

63 19.9 0.0 37.6

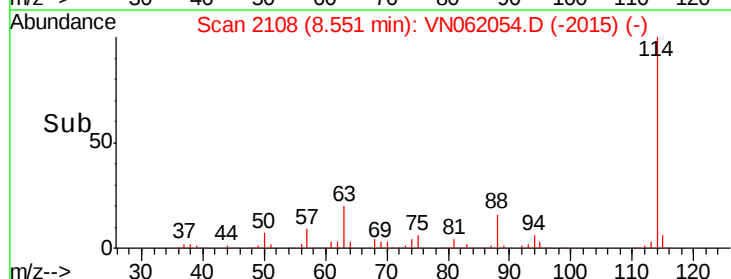
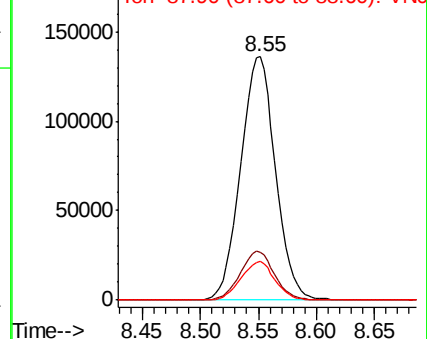
88 15.7 0.0 31.0

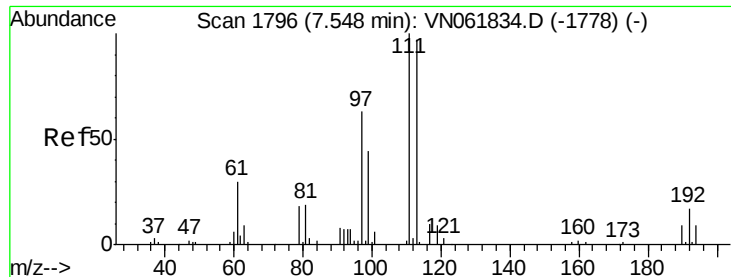


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

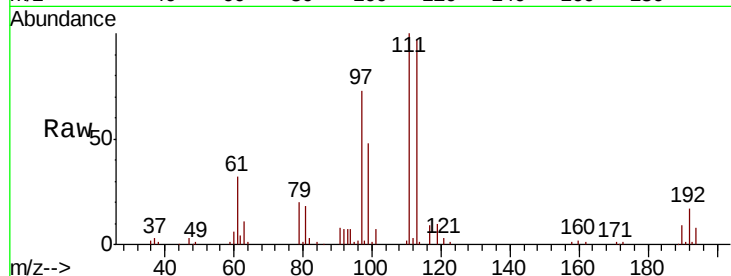




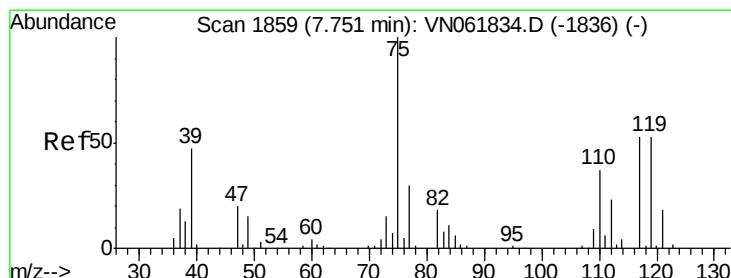
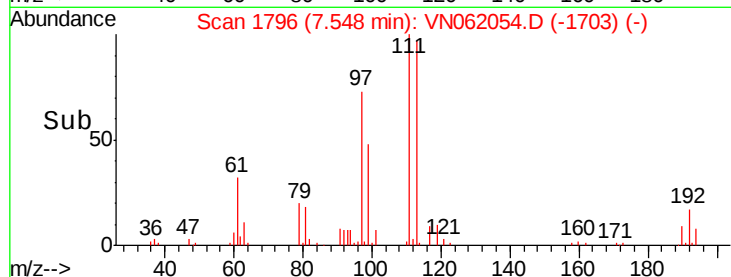
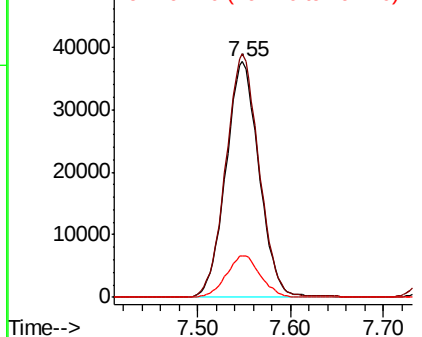
#35
 Dibromofluoromethane
 Concen: 51.542 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062054.D
 Acq: 23 Jun 2020 20:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:113 Resp: 93412
 Ion Ratio Lower Upper
 113 100
 111 103.7 83.7 125.5
 192 18.1 13.9 20.9

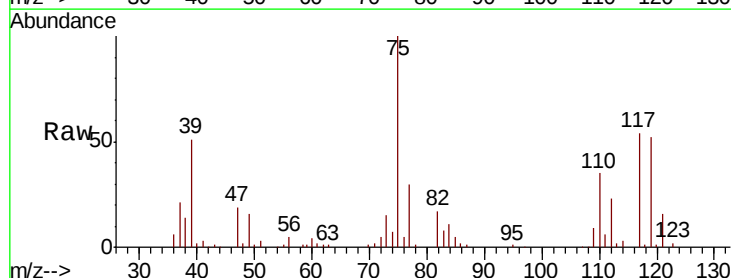


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

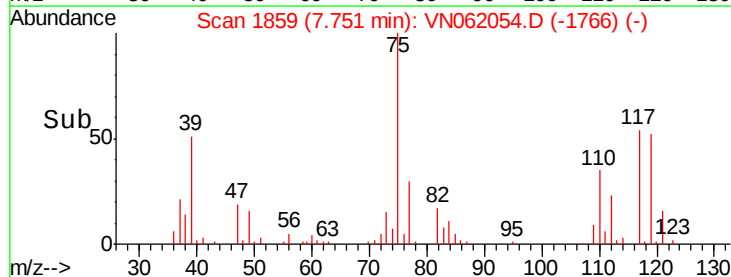
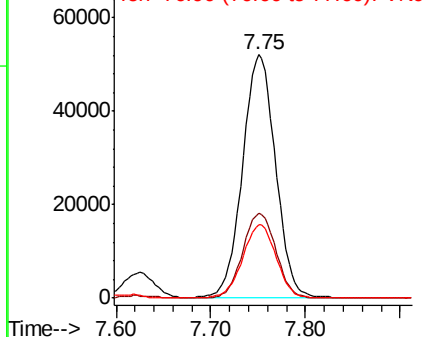


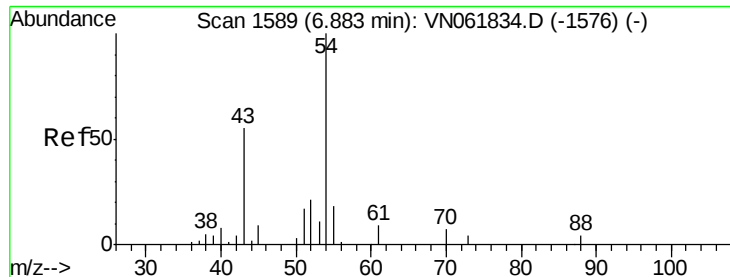
#36
 1,1-Dichloropropene
 Concen: 49.063 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN062054.D
 Acq: 23 Jun 2020 20:14

Tgt Ion: 75 Resp: 126775
 Ion Ratio Lower Upper
 75 100
 110 34.8 18.2 54.6
 77 30.6 24.2 36.4



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

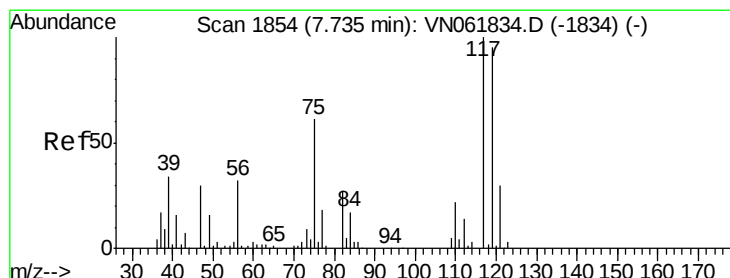
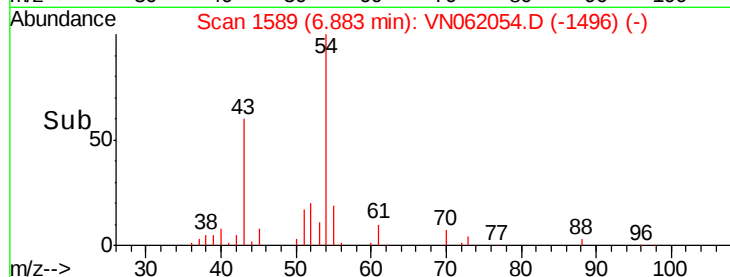
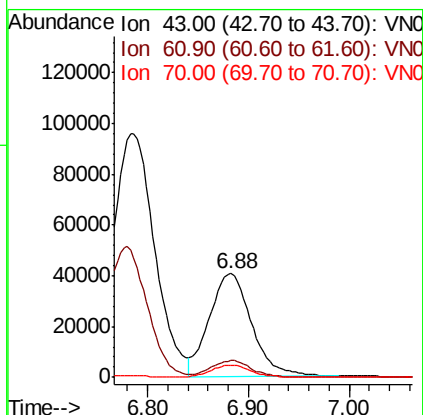
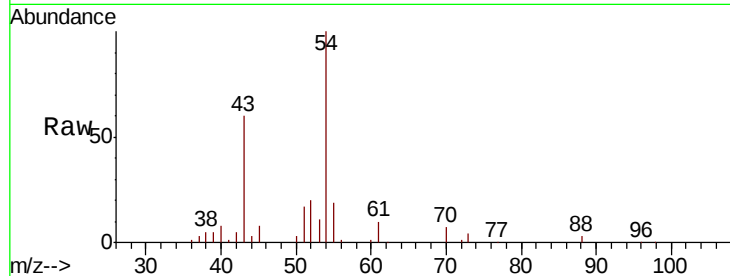




#37
Ethyl Acetate
Concen: 58.820 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. -0.00 min
Lab File: VN062054.D
Acq: 23 Jun 2020 20:14

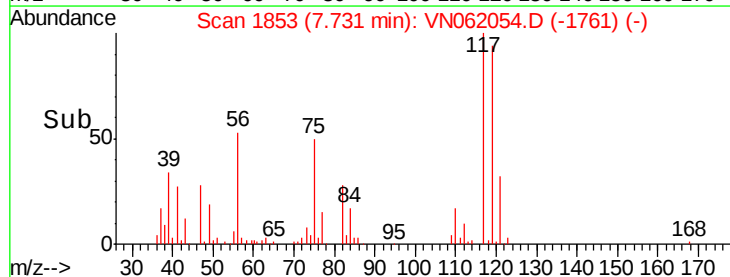
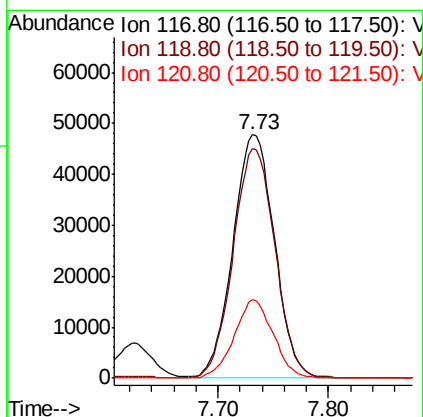
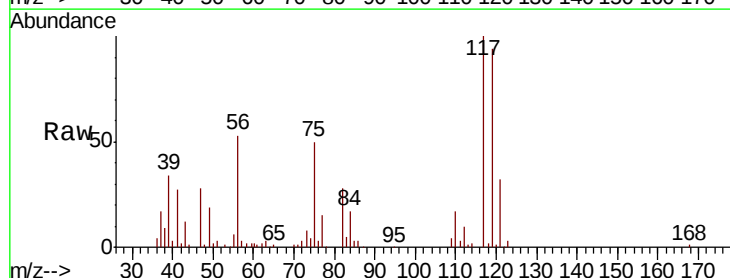
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

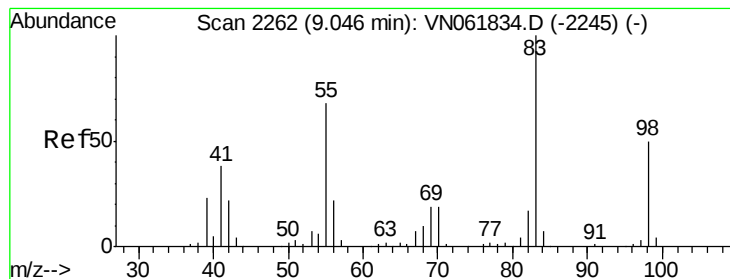
Tot Ion: 43 Resp: 118688
Ion Ratio Lower Upper
43 100
61 16.0 13.0 19.4
70 11.3 9.4 14.2



#38
Carbon Tetrachloride
Concen: 48.760 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062054.D
Acq: 23 Jun 2020 20:14

Tgt Ion: 117 Resp: 124767
Ion Ratio Lower Upper
117 100
119 94.4 75.8 113.6
121 32.1 23.8 35.6





#39

Methvlcvclohexane

Concen: 47.597 ug/l

RT: 9.05 min Scan# 2262

Delta R.T. -0.00 min

Lab File: VN062054.D

Acq: 23 Jun 2020 20:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

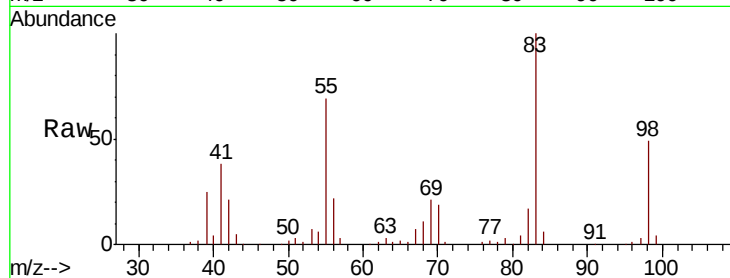
Tot Ion: 83 Resp: 132430

Ion Ratio Lower Upper

83 100

55 69.0 54.2 81.4

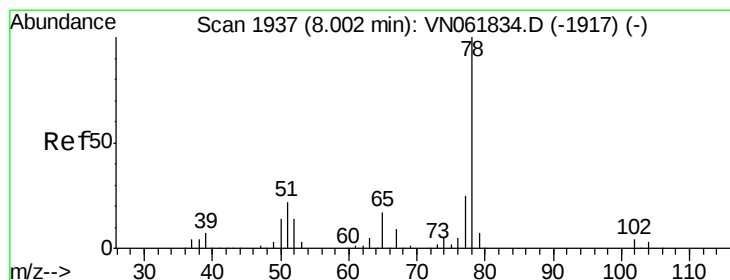
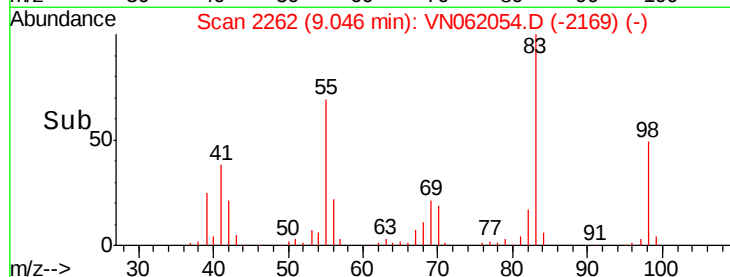
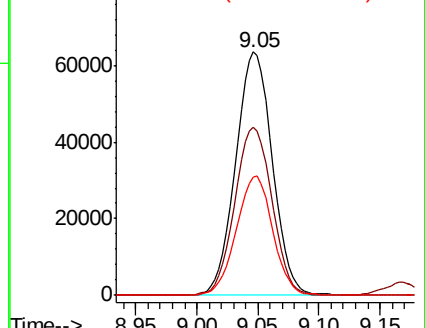
98 48.7 39.8 59.6



Abundance Ion 83.00 (82.70 to 83.70): VN061834.D (-2245) (-)

Ion 55.00 (54.70 to 55.70): VN061834.D (-2245) (-)

Ion 98.00 (97.70 to 98.70): VN061834.D (-2245) (-)



#40

Benzene

Concen: 50.758 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN062054.D

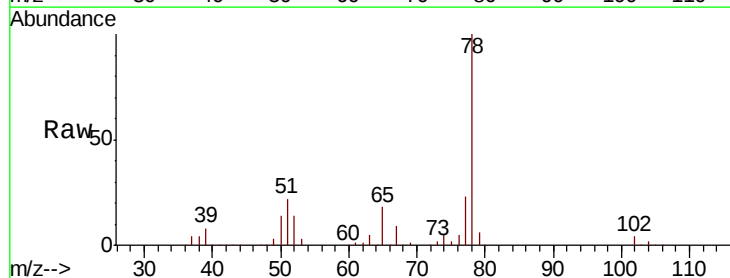
Acq: 23 Jun 2020 20:14

Tgt Ion: 78 Resp: 397297

Ion Ratio Lower Upper

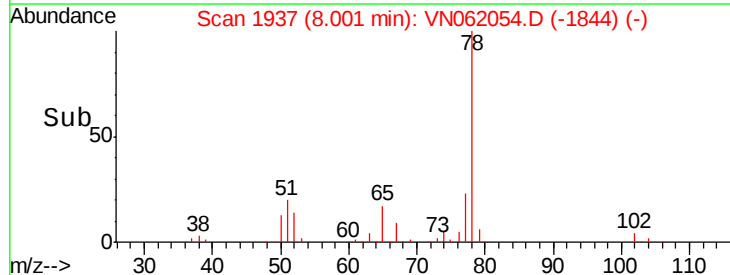
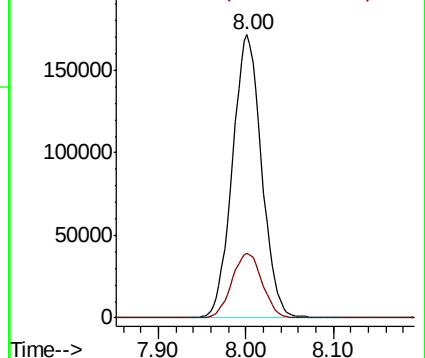
78 100

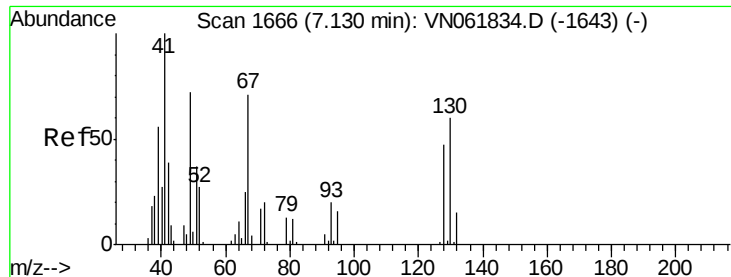
77 22.8 19.7 29.5



Abundance Ion 78.00 (77.70 to 78.70): VN061834.D (-1917) (-)

Ion 77.00 (76.70 to 77.70): VN061834.D (-1917) (-)

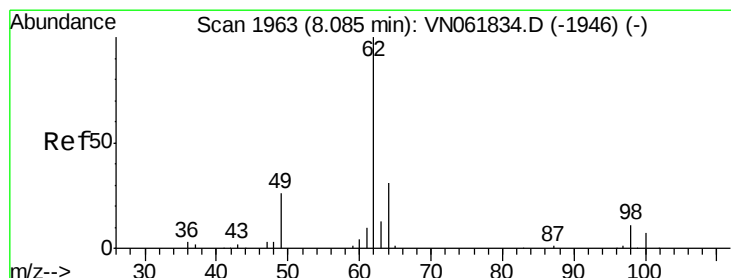
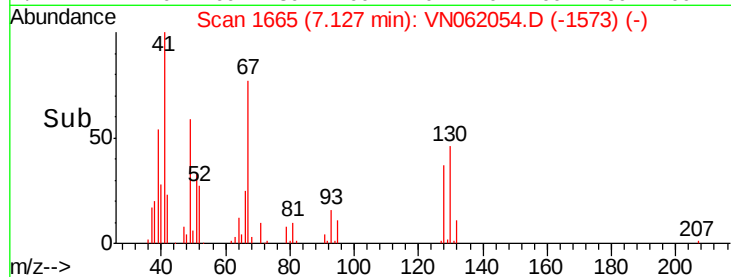
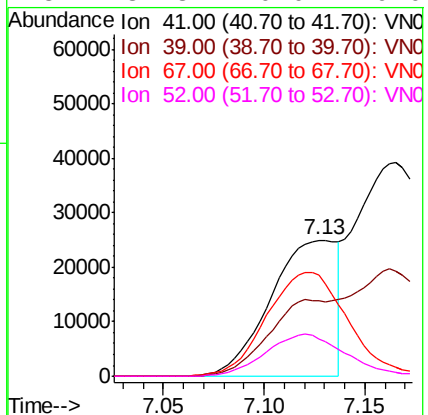
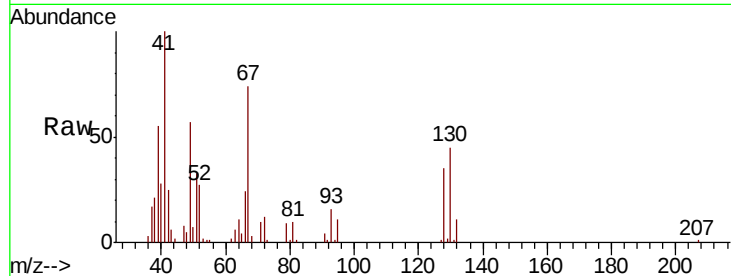




#41
Methacrylonitrile
Concen: 66.482 ug/l
RT: 7.13 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VN062054.D
Acq: 23 Jun 2020 20:14

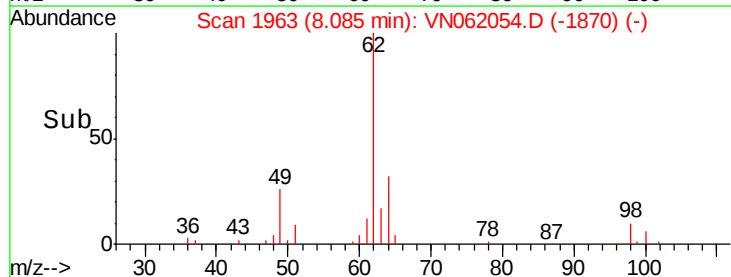
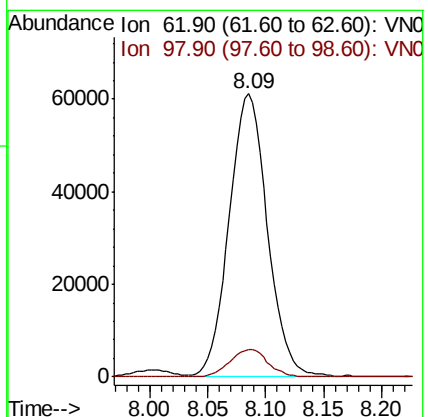
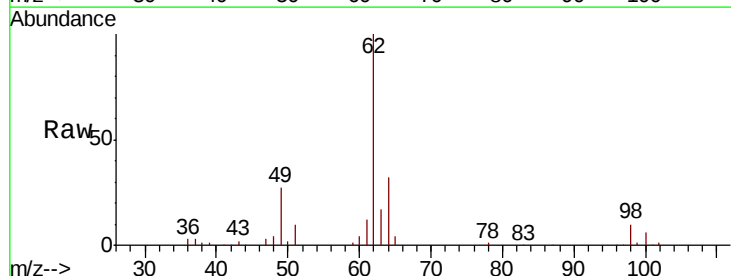
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

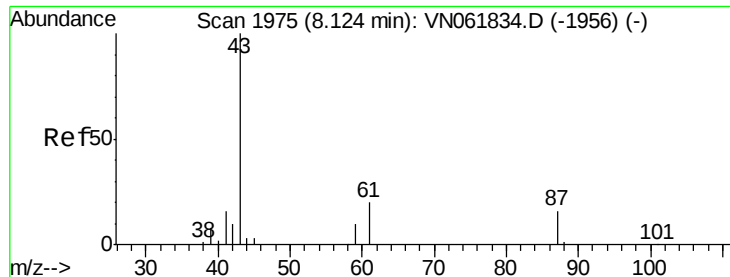
Tot Ion: 41 Resp: 57363
Ion Ratio Lower Upper
41 100
39 47.1 0.0 0.0#
67 93.7 0.0 0.0#
52 37.3 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 52.256 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062054.D
Acq: 23 Jun 2020 20:14

Tgt Ion: 62 Resp: 139465
Ion Ratio Lower Upper
62 100
98 9.7 0.0 20.4





#43

Isopropyl Acetate

Concen: 58.927 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN062054.D

Acq: 23 Jun 2020 20:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

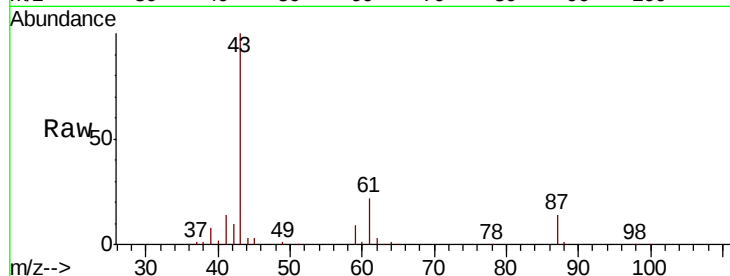
Tot Ion: 43 Resp: 200379

Ion Ratio Lower Upper

43 100

61 21.9 24.0 36.0#

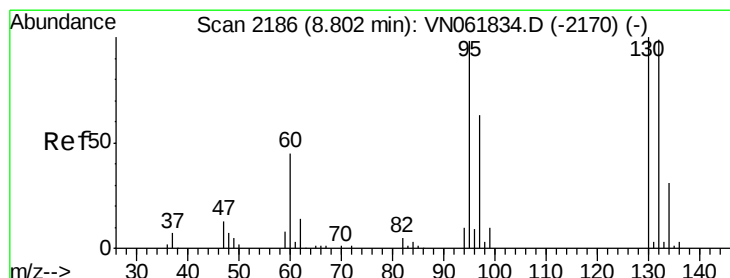
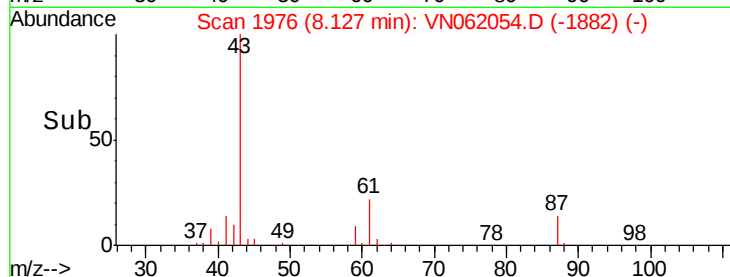
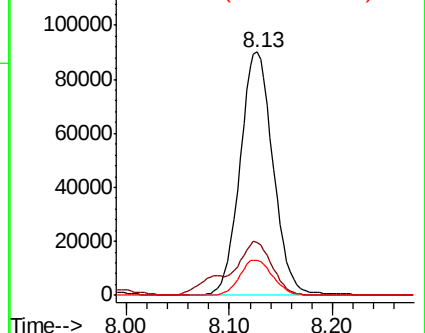
87 14.6 12.5 18.7



Abundance Ion 43.00 (42.70 to 43.70): VN061834.D (-1956) (-)

Ion 61.00 (60.70 to 61.70): VN061834.D (-1956) (-)

Ion 87.00 (86.70 to 87.70): VN061834.D (-1956) (-)



#44

Trichloroethene

Concen: 47.937 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN062054.D

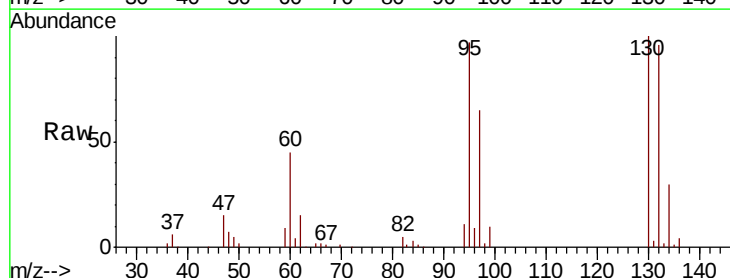
Acq: 23 Jun 2020 20:14

Tgt Ion:130 Resp: 98748

Ion Ratio Lower Upper

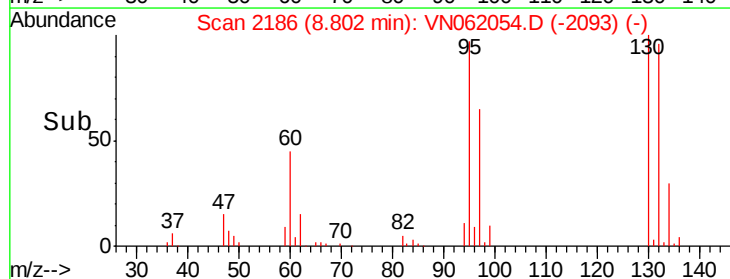
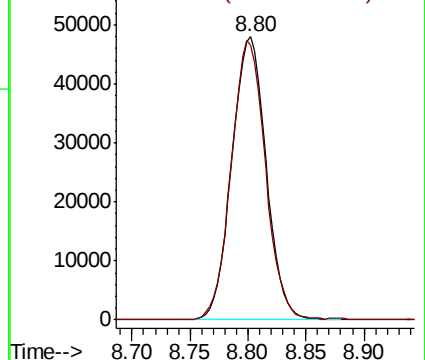
130 100

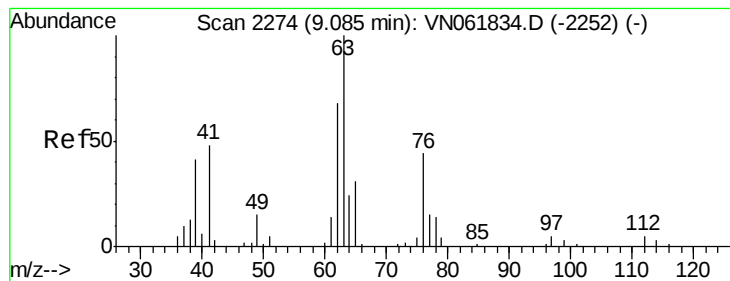
95 97.2 0.0 195.6



Abundance Ion 129.80 (129.50 to 130.50): VN061834.D (-2170) (-)

Ion 94.90 (94.60 to 95.60): VN061834.D (-2170) (-)





#45

1,2-Dichloropropane

Concen: 53.585 ug/l

RT: 9.09 min Scan# 2274

Delta R.T. -0.00 min

Lab File: VN062054.D

Acq: 23 Jun 2020 20:14

Instrument :

MSVOA_N

ClientSampleId :

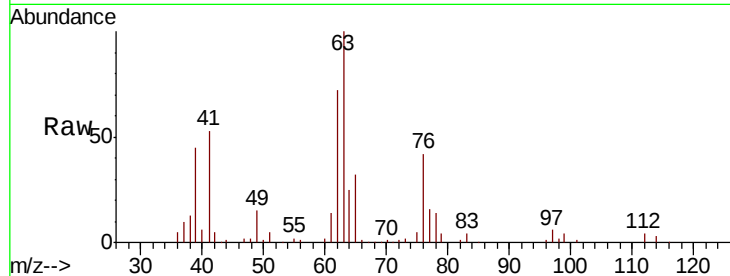
VSTDCCC050EC

Tot Ion: 63 Resp: 103074

Ion Ratio Lower Upper

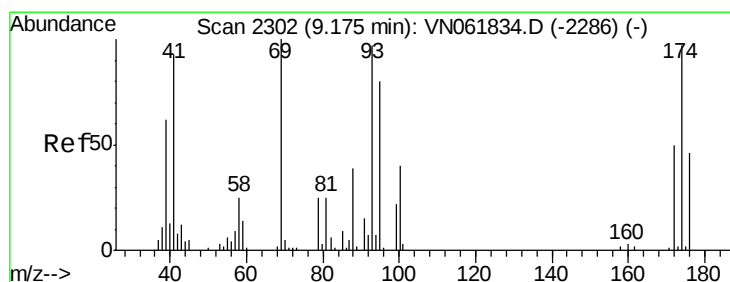
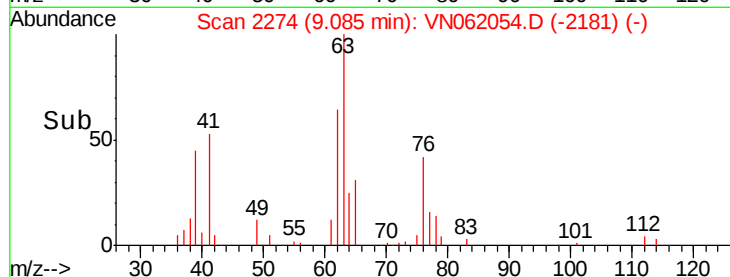
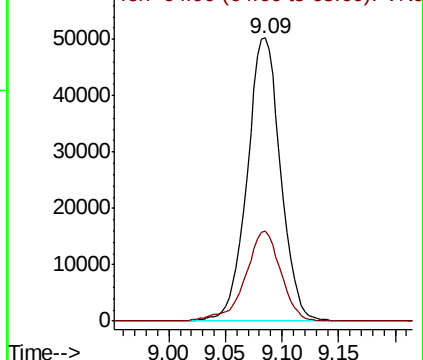
63 100

65 31.7 25.1 37.7



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 52.025 ug/l

RT: 9.18 min Scan# 2302

Delta R.T. -0.00 min

Lab File: VN062054.D

Acq: 23 Jun 2020 20:14

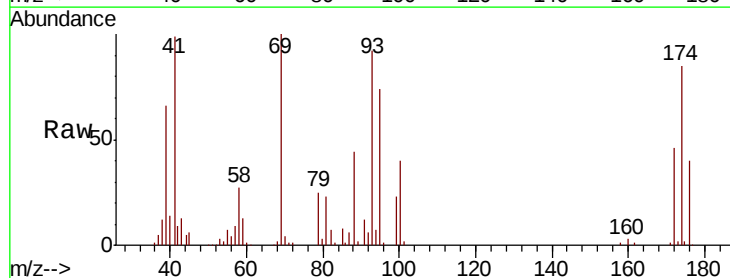
Tgt Ion: 93 Resp: 70471

Ion Ratio Lower Upper

93 100

95 81.0 65.8 98.6

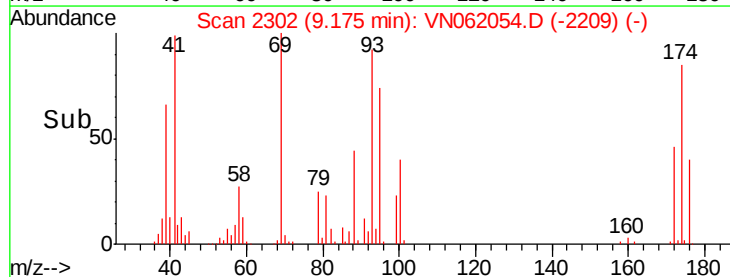
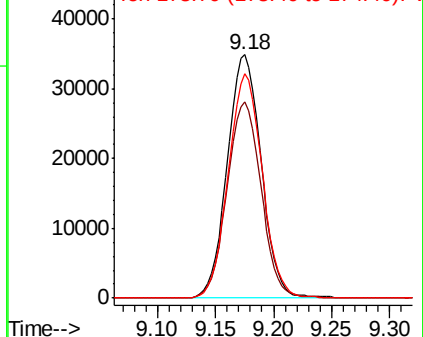
174 92.4 78.5 117.7

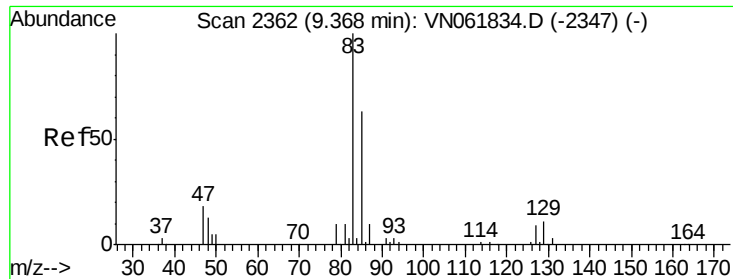


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

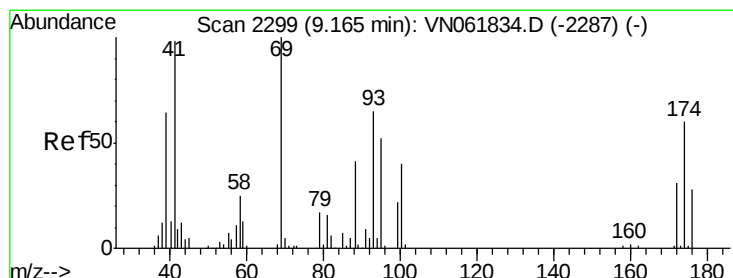
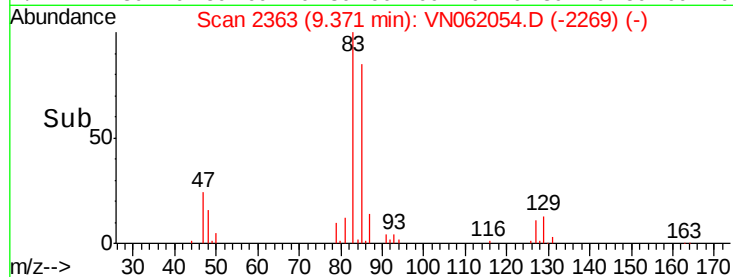
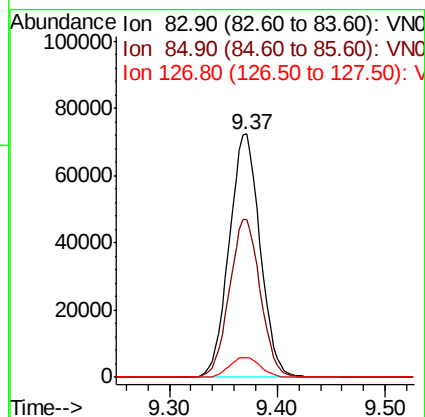
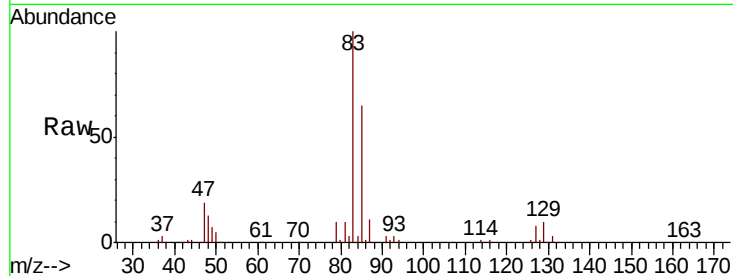




#47
Bromodichloromethane
Concen: 52.154 ug/l
RT: 9.37 min Scan# 2363
Delta R.T. 0.00 min
Lab File: VN062054.D
Acq: 23 Jun 2020 20:14

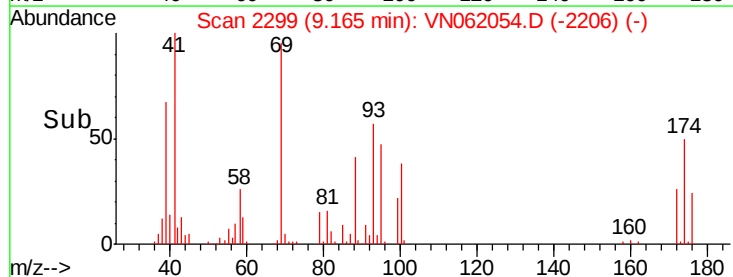
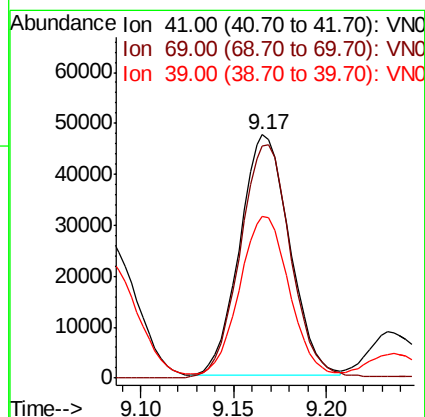
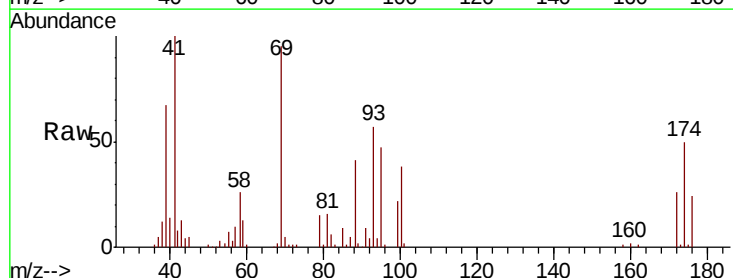
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

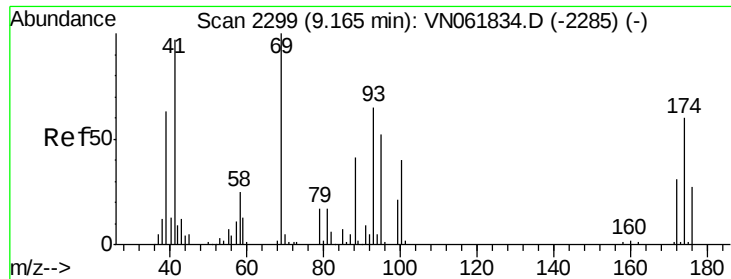
Tot Ion: 83 Resp: 144659
Ion Ratio Lower Upper
83 100
85 64.8 50.8 76.2
127 8.2 7.0 10.4



#48
Methyl methacrylate
Concen: 57.226 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062054.D
Acq: 23 Jun 2020 20:14

Tgt Ion: 41 Resp: 88495
Ion Ratio Lower Upper
41 100
69 98.9 83.0 124.4
39 67.9 55.1 82.7





#49

1,4-Dioxane

Concen: 1145.849 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN062054.D

Acq: 23 Jun 2020 20:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

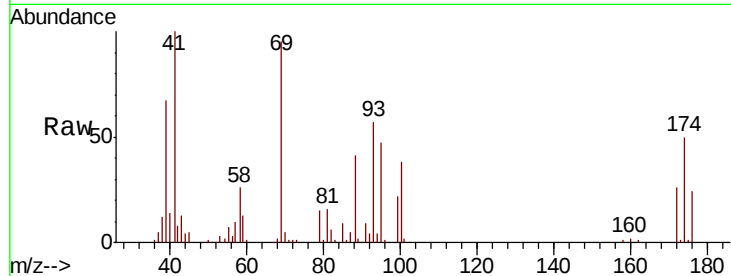
Tot Ion: 88 Resp: 40682

Ion Ratio Lower Upper

88 100

43 30.2 23.4 35.2

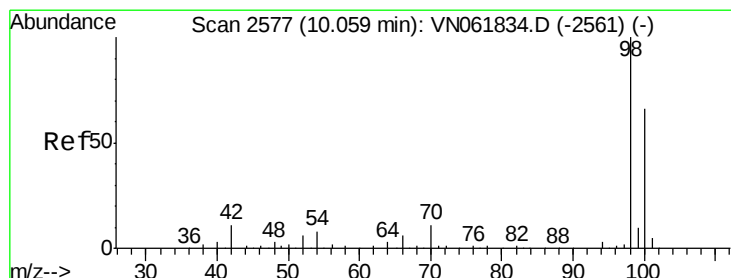
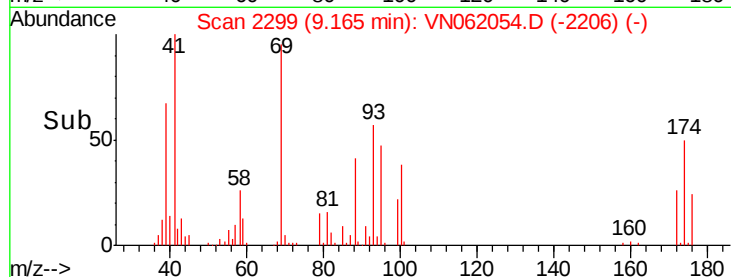
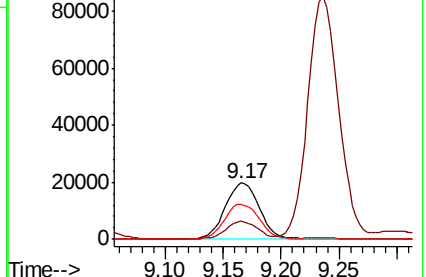
58 63.3 49.8 74.6



Abundance Ion 88.00 (87.70 to 88.70): VN061834.D (-2285) (-)

Ion 43.00 (42.70 to 43.70): VN061834.D (-2285) (-)

Ion 58.00 (57.70 to 58.70): VN061834.D (-2285) (-)



#50

Toluene-d8

Concen: 50.992 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062054.D

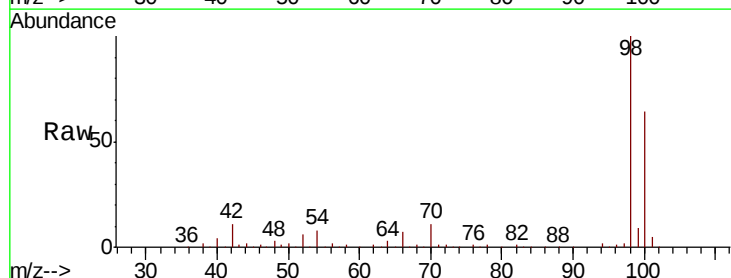
Acq: 23 Jun 2020 20:14

Tgt Ion: 98 Resp: 363323

Ion Ratio Lower Upper

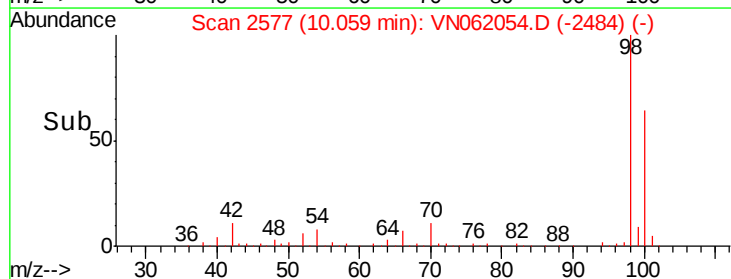
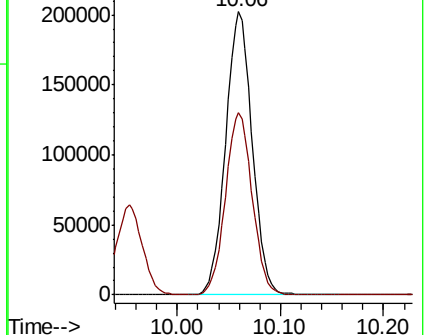
98 100

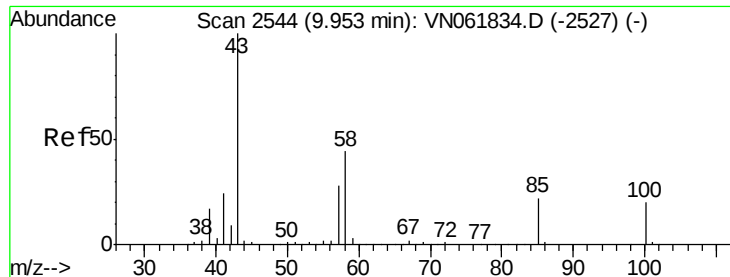
100 64.3 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VN061834.D (-2561) (-)

Ion 100.00 (99.70 to 100.70): VN061834.D (-2561) (-)





#51

4-Methyl-2-Pentanone

Concen: 303.314 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN062054.D

Acq: 23 Jun 2020 20:14

Instrument :

MSVOA_N

ClientSampleId :

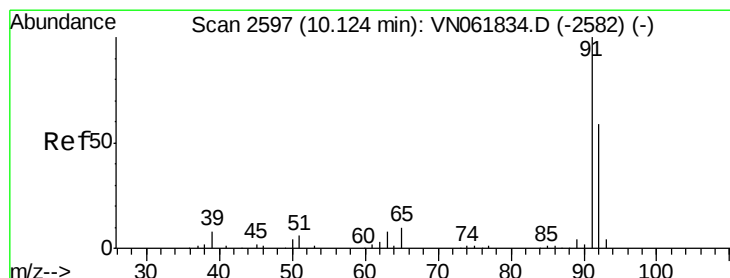
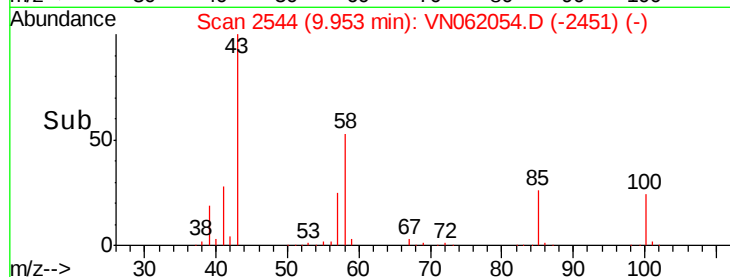
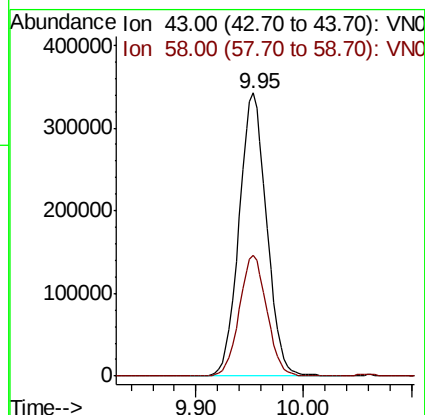
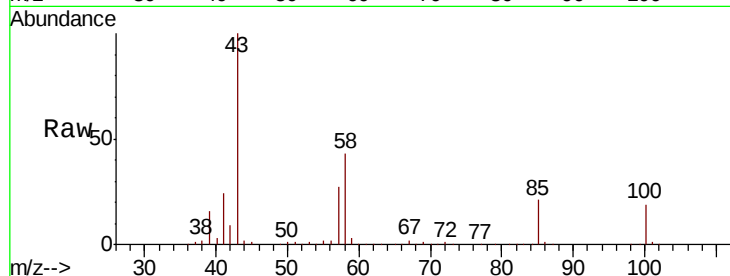
VSTDCCC050EC

Tot Ion: 43 Resp: 609497

Ion Ratio Lower Upper

43 100

58 42.6 34.6 52.0



#52

Toluene

Concen: 51.847 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062054.D

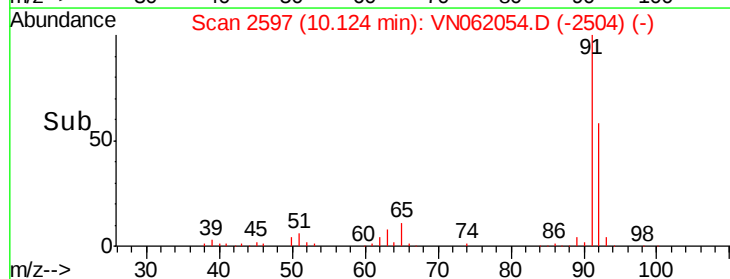
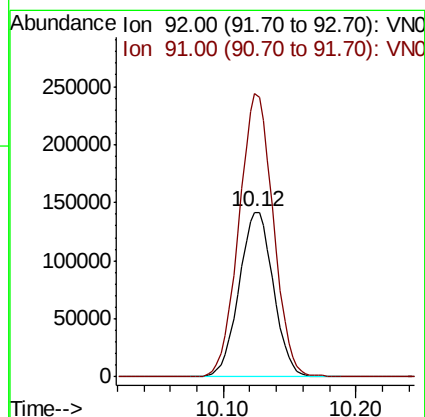
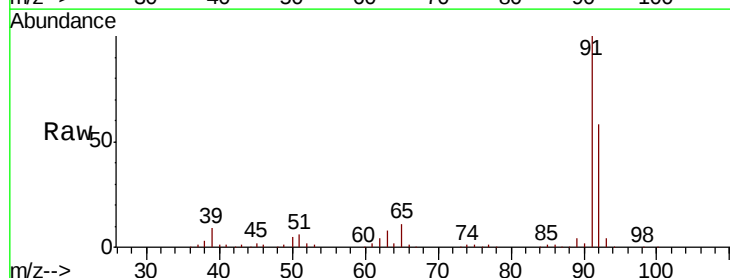
Acq: 23 Jun 2020 20:14

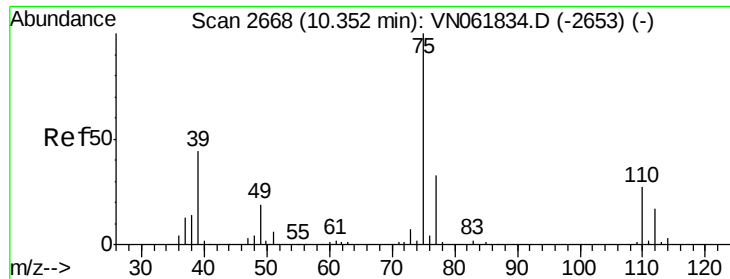
Tgt Ion: 92 Resp: 254871

Ion Ratio Lower Upper

92 100

91 172.2 137.1 205.7

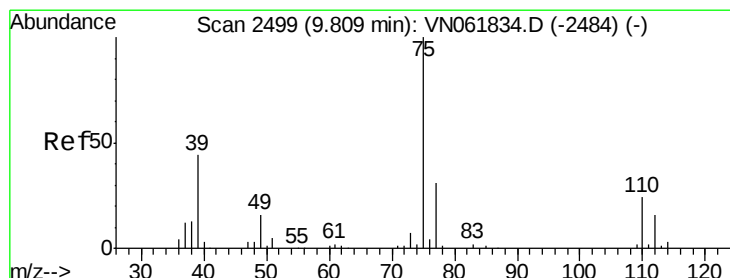
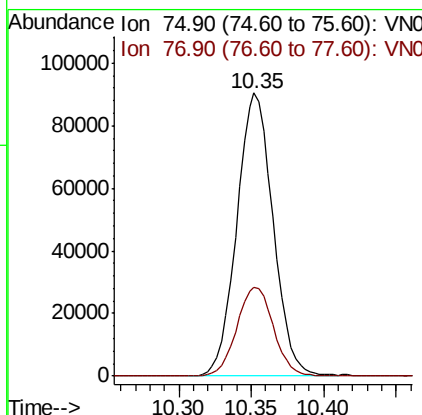
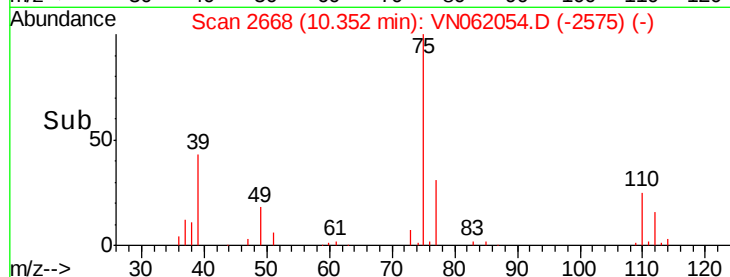
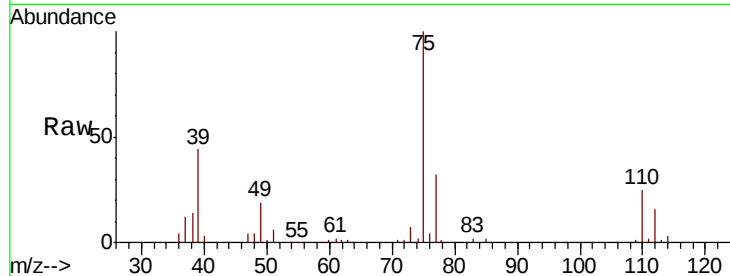




#53
 t-1,3-Dichloropropene
 Concen: 53.369 ug/l
 RT: 10.35 min Scan# 2668
 Delta R.T. -0.00 min
 Lab File: VN062054.D
 Acq: 23 Jun 2020 20:14

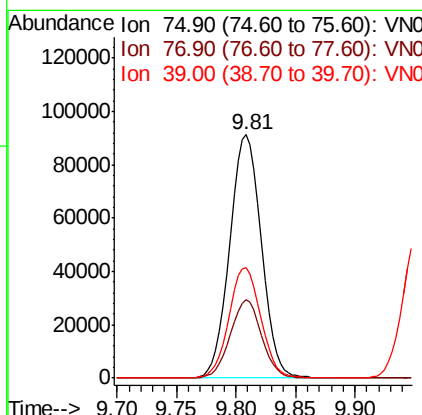
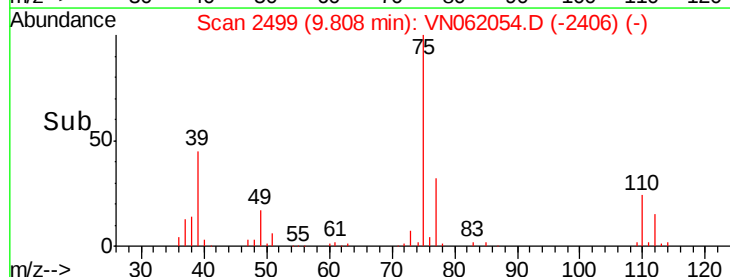
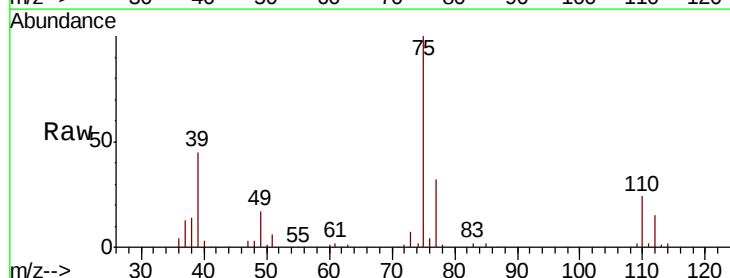
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

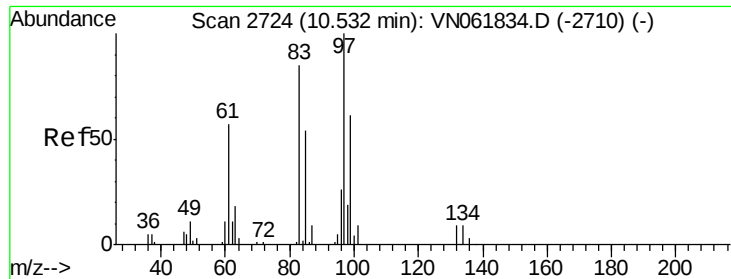
Tot Ion: 75 Resp: 157143
 Ion Ratio Lower Upper
 75 100
 77 31.5 26.3 39.5



#54
 cis-1,3-Dichloropropene
 Concen: 52.819 ug/l
 RT: 9.81 min Scan# 2499
 Delta R.T. -0.00 min
 Lab File: VN062054.D
 Acq: 23 Jun 2020 20:14

Tgt Ion: 75 Resp: 168924
 Ion Ratio Lower Upper
 75 100
 77 32.1 24.8 37.2
 39 45.3 35.4 53.0

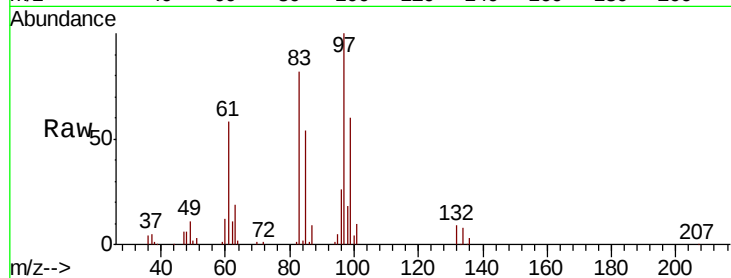




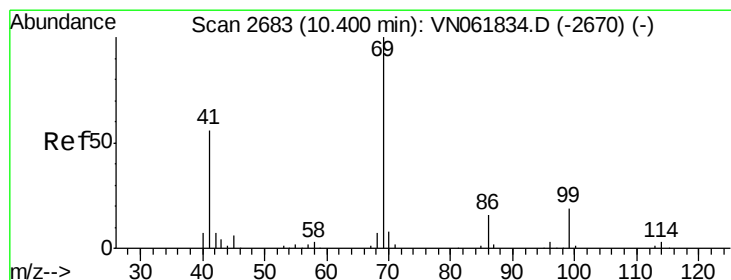
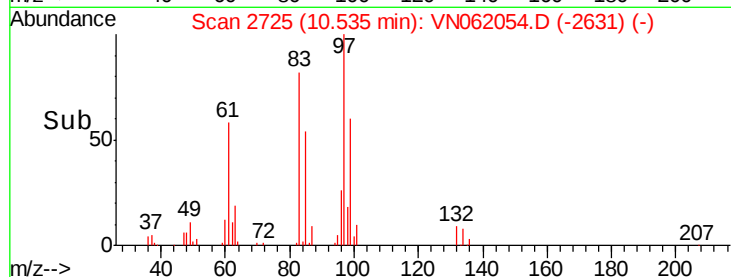
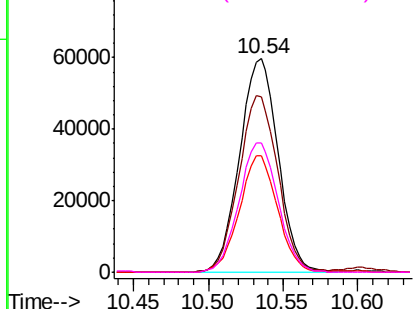
#55
 1,1,2-Trichloroethane
 Concen: 55.459 ug/l
 RT: 10.54 min Scan# 2725
 Delta R.T. 0.00 min
 Lab File: VN062054.D
 Acq: 23 Jun 2020 20:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 97 Resp: 107265
 Ion Ratio Lower Upper
 97 100
 83 82.0 67.7 101.5
 85 54.4 43.4 65.0
 99 60.4 48.8 73.2

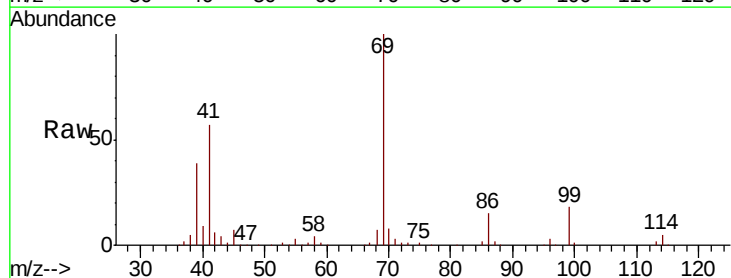


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

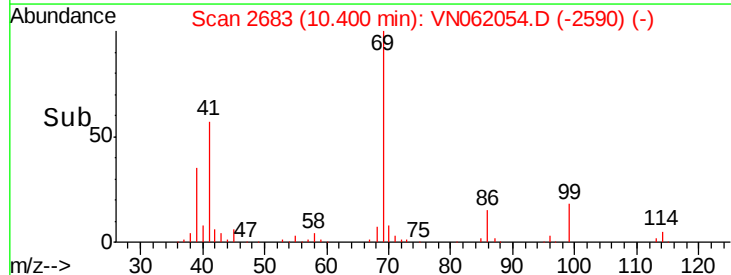
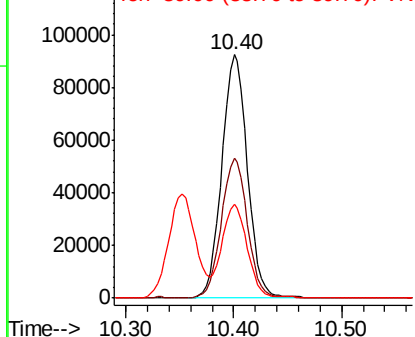


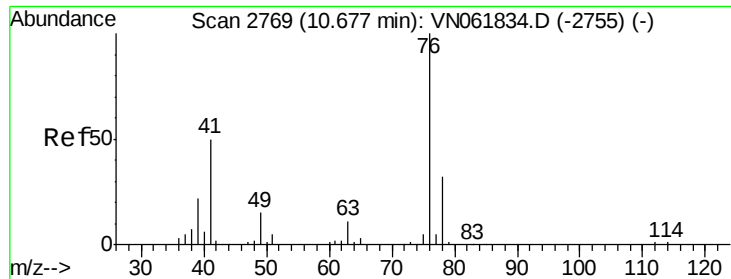
#56
 Ethyl methacrylate
 Concen: 51.582 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. 0.00 min
 Lab File: VN062054.D
 Acq: 23 Jun 2020 20:14

Tgt Ion: 69 Resp: 152678
 Ion Ratio Lower Upper
 69 100
 41 58.1 44.9 67.3
 39 38.1 30.0 45.0



Abundance Ion 69.00 (68.70 to 69.70): VN0
 Ion 41.00 (40.70 to 41.70): VN0
 Ion 39.00 (38.70 to 39.70): VN0

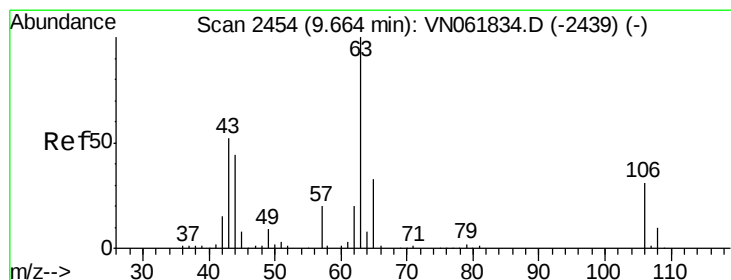
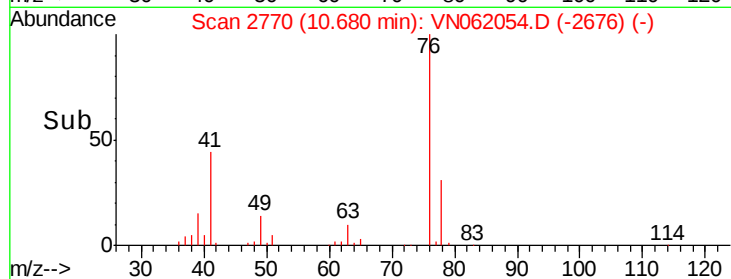
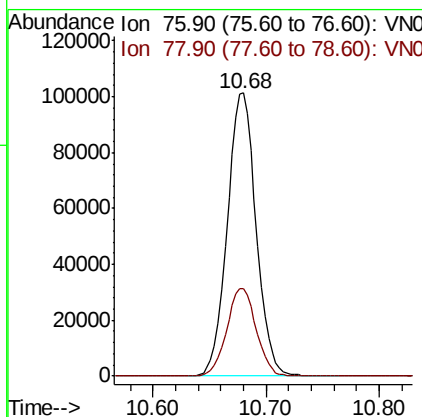
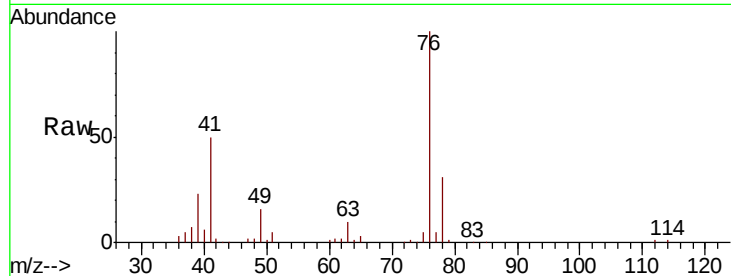




#57
 1,3-Dichloropropane
 Concen: 54.794 ug/l
 RT: 10.68 min Scan# 2770
 Delta R.T. 0.00 min
 Lab File: VN062054.D
 Acq: 23 Jun 2020 20:14

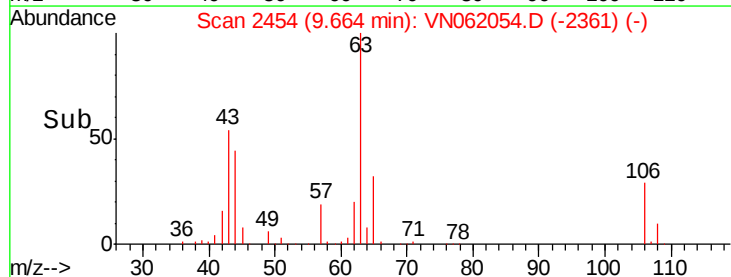
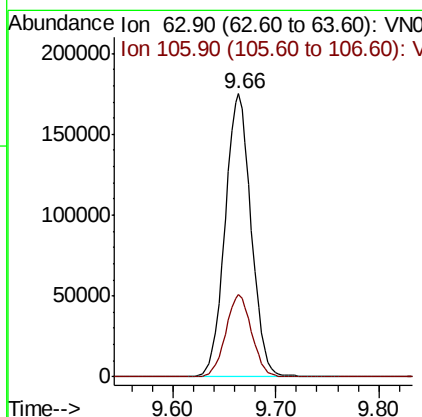
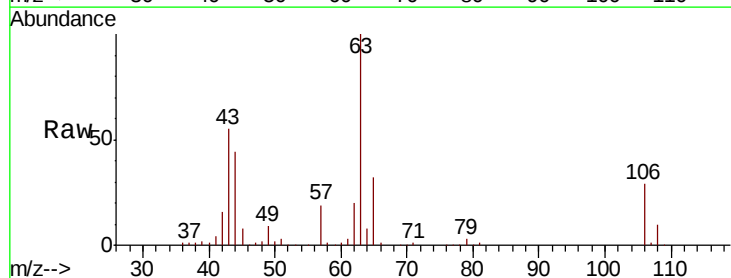
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

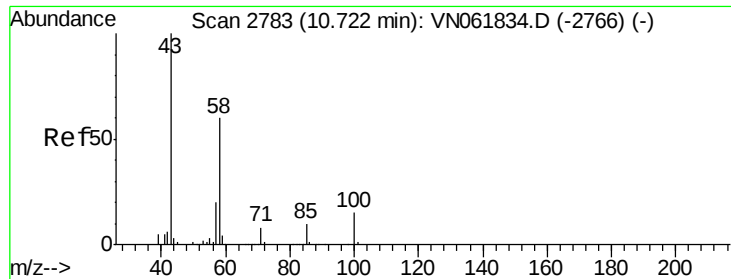
Tot Ion: 76 Resp: 179543
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 301.157 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. -0.00 min
 Lab File: VN062054.D
 Acq: 23 Jun 2020 20:14

Tgt Ion: 63 Resp: 307409
 Ion Ratio Lower Upper
 63 100
 106 28.8 24.6 36.8

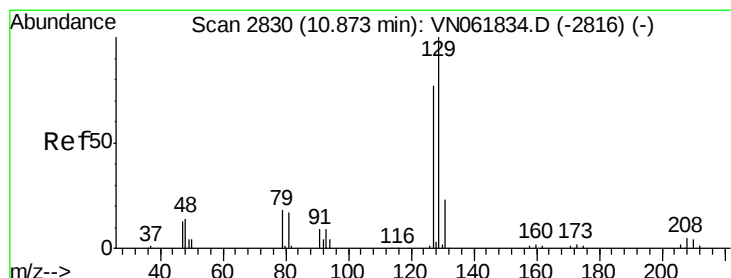
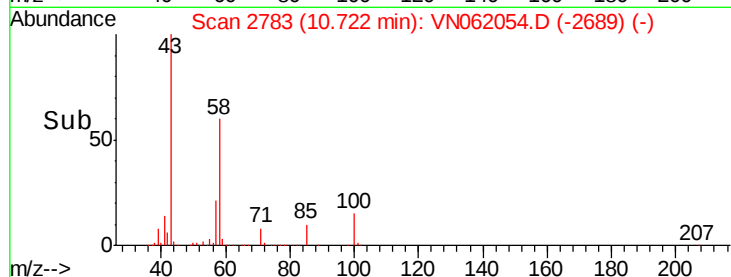
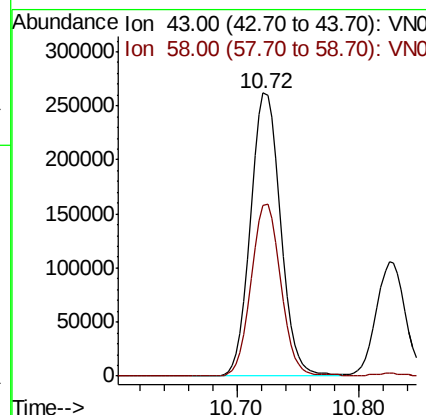
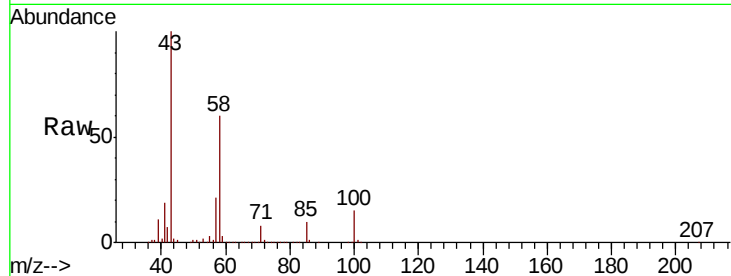




#59
2-Hexanone
Concen: 274.755 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN062054.D
Acq: 23 Jun 2020 20:14

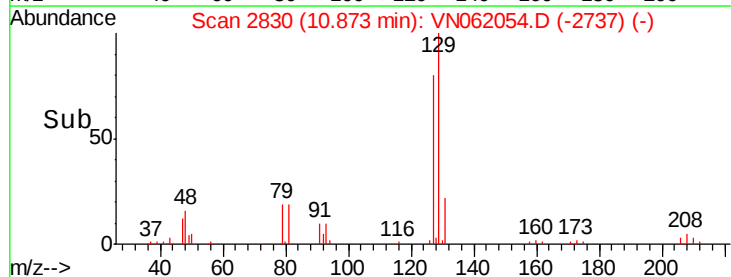
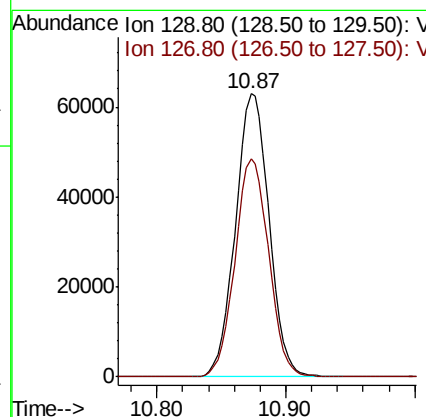
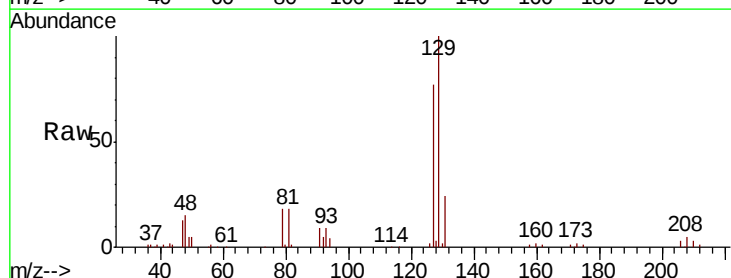
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

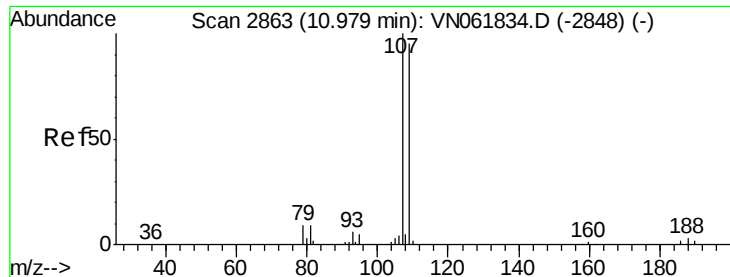
Tot Ion: 43 Resp: 443339
Ion Ratio Lower Upper
43 100
58 60.0 30.1 90.5



#60
Dibromochloromethane
Concen: 52.689 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062054.D
Acq: 23 Jun 2020 20:14

Tgt Ion: 129 Resp: 113713
Ion Ratio Lower Upper
129 100
127 77.3 38.5 115.5

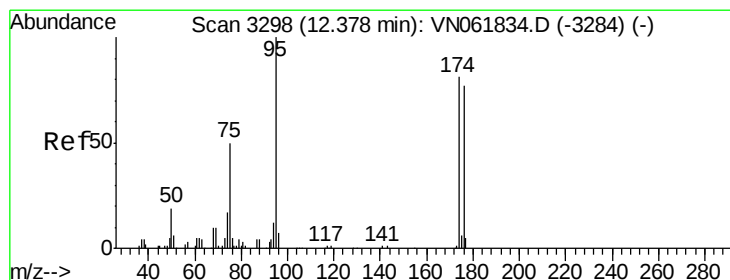
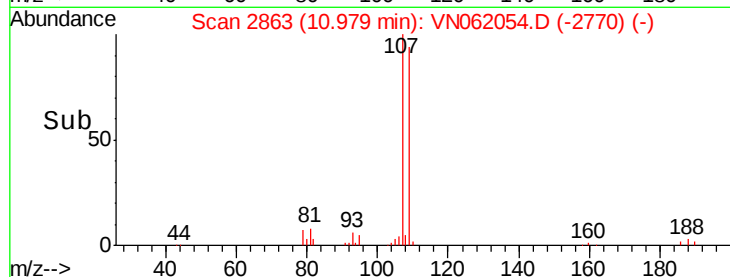
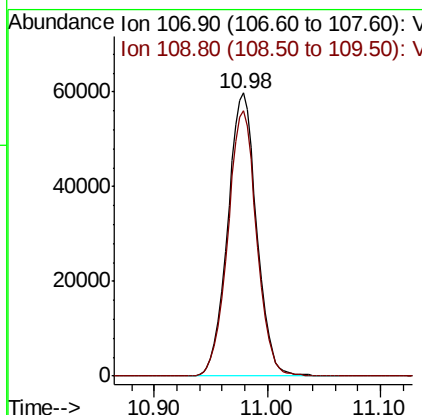
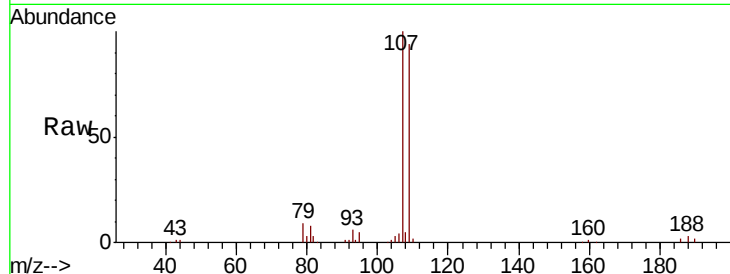




#61
 1,2-Dibromoethane
 Concen: 52.589 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. -0.00 min
 Lab File: VN062054.D
 Acq: 23 Jun 2020 20:14

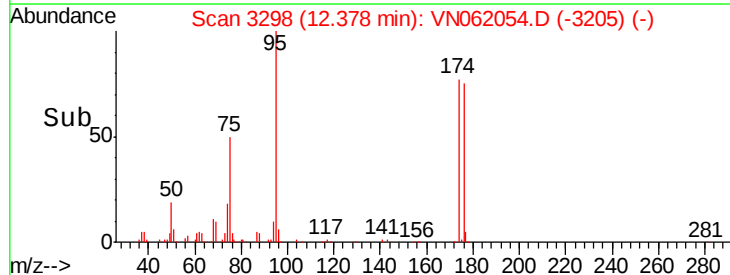
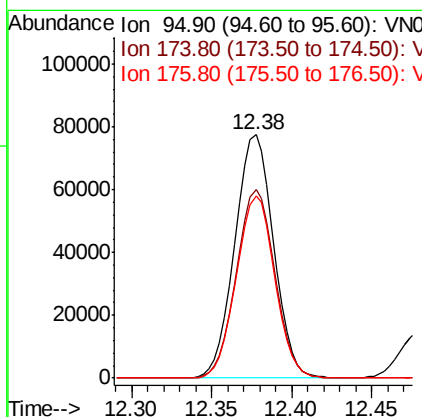
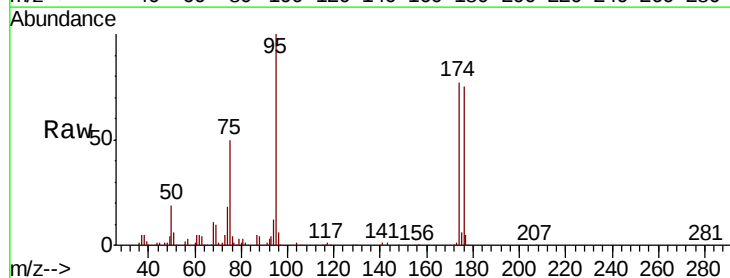
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

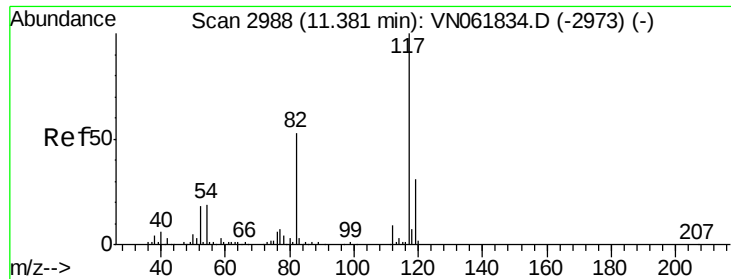
Tot Ion: 107 Resp: 106209
 Ion Ratio Lower Upper
 107 100
 109 93.5 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 52.275 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN062054.D
 Acq: 23 Jun 2020 20:14

Tgt Ion: 95 Resp: 127761
 Ion Ratio Lower Upper
 95 100
 174 77.3 0.0 158.6
 176 74.5 0.0 152.0

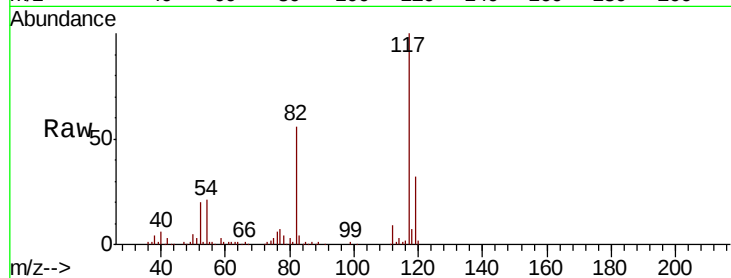




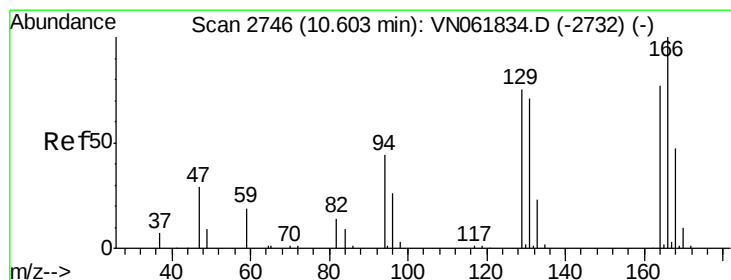
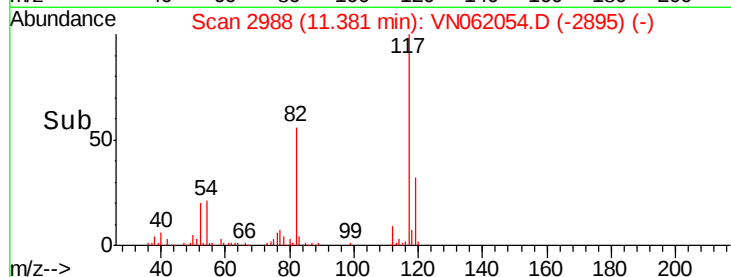
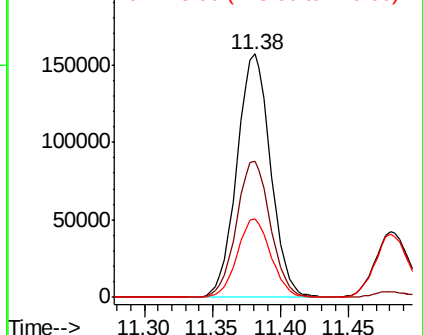
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062054.D
Acq: 23 Jun 2020 20:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 269624
Ion Ratio Lower Upper
117 100
82 56.2 42.6 64.0
119 32.2 24.7 37.1

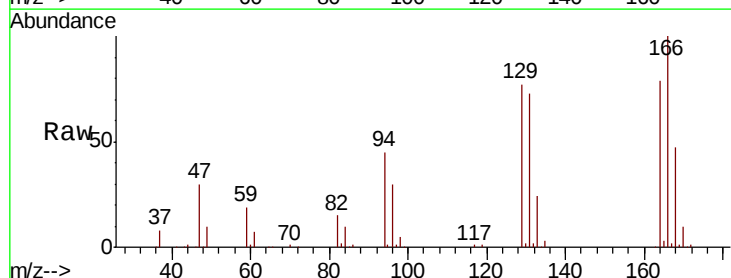


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

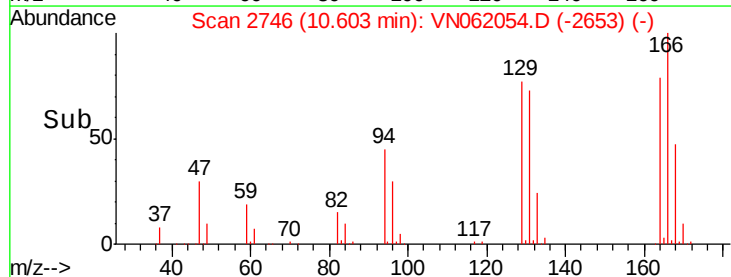
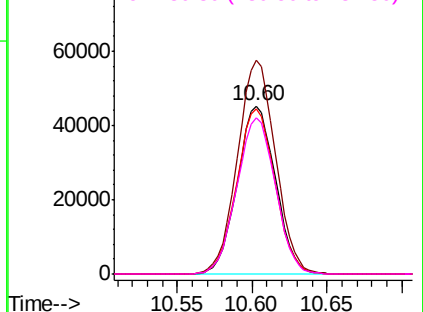


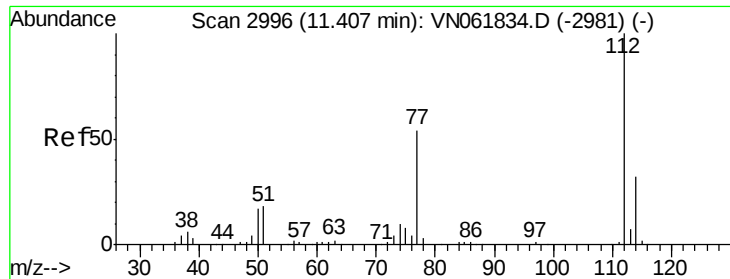
#64
Tetrachloroethene
Concen: 46.792 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062054.D
Acq: 23 Jun 2020 20:14

Tgt Ion:164 Resp: 80412
Ion Ratio Lower Upper
164 100
166 127.0 103.5 155.3
129 97.9 77.5 116.3
131 92.9 73.8 110.8



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

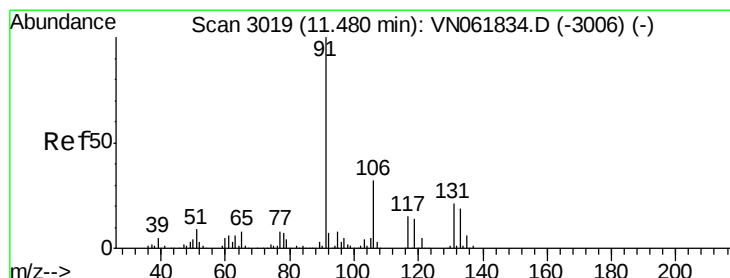
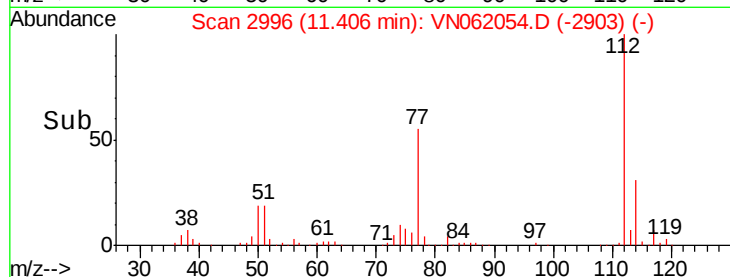
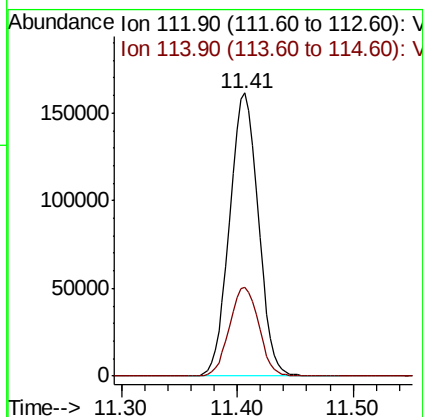
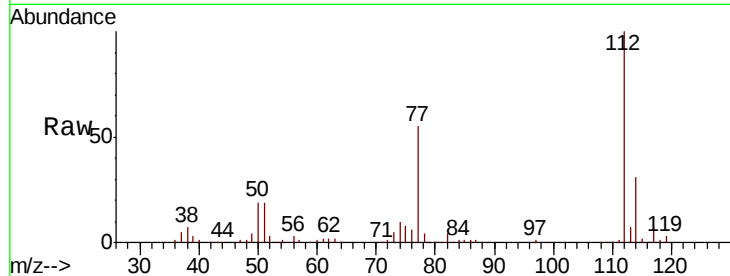




#65
Chlorobenzene
Concen: 48.530 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062054.D
Acq: 23 Jun 2020 20:14

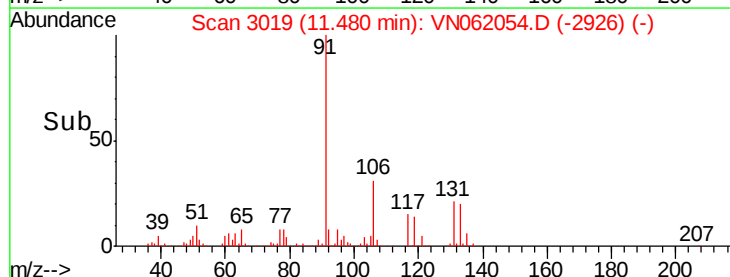
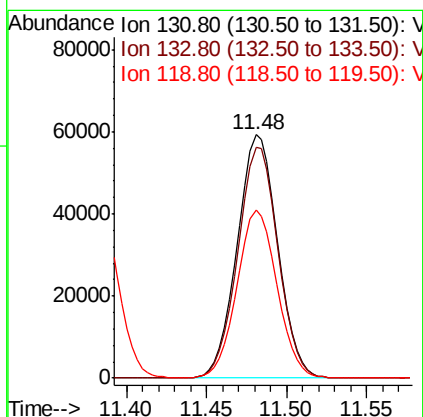
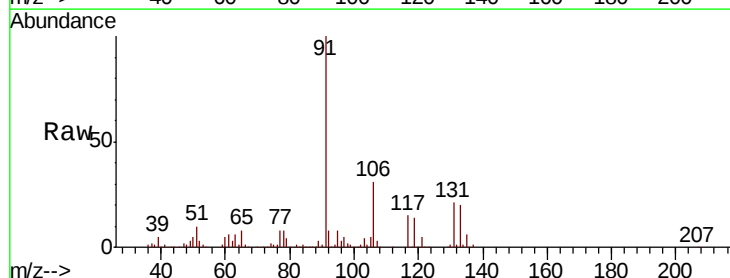
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

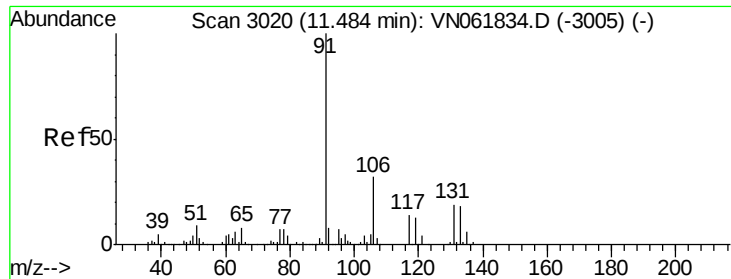
Tot Ion:112 Resp: 276104
Ion Ratio Lower Upper
112 100
114 31.4 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 51.380 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062054.D
Acq: 23 Jun 2020 20:14

Tgt Ion:131 Resp: 101950
Ion Ratio Lower Upper
131 100
133 94.7 47.5 142.5
119 68.6 34.0 101.8

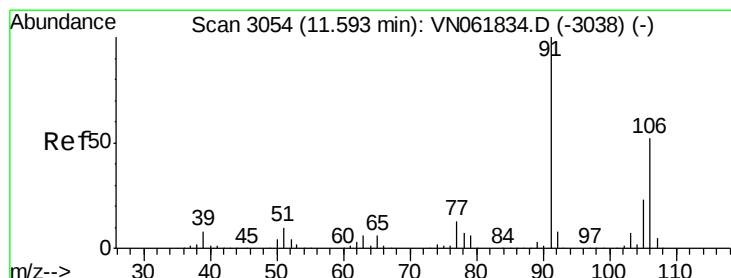
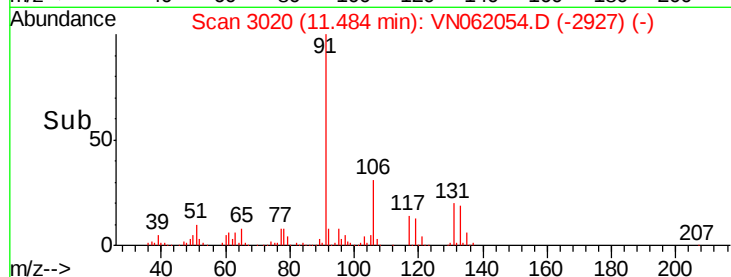
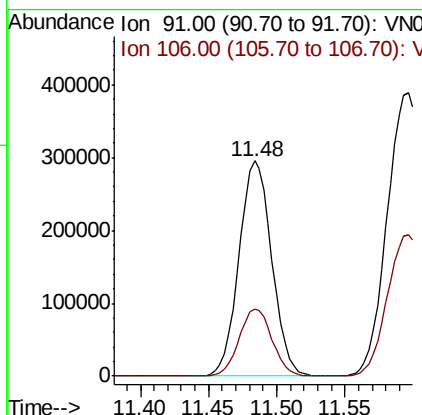
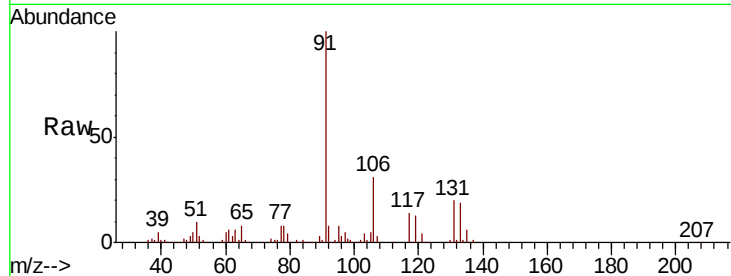




#67
Ethyl Benzene
Concen: 51.705 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062054.D
Acq: 23 Jun 2020 20:14

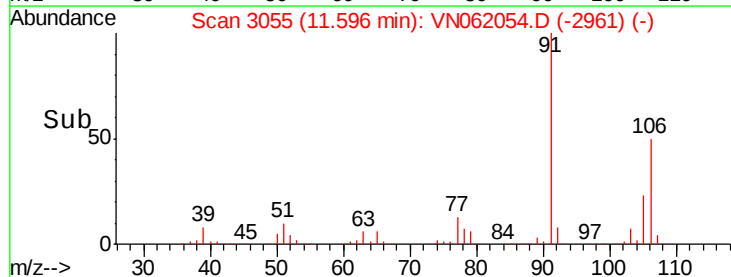
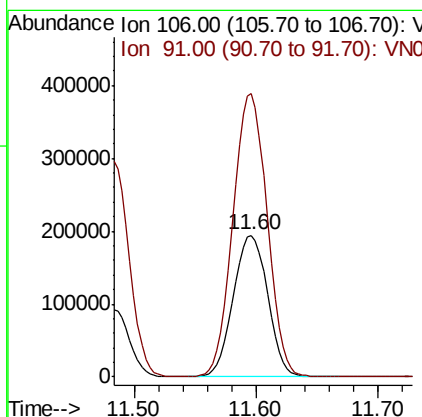
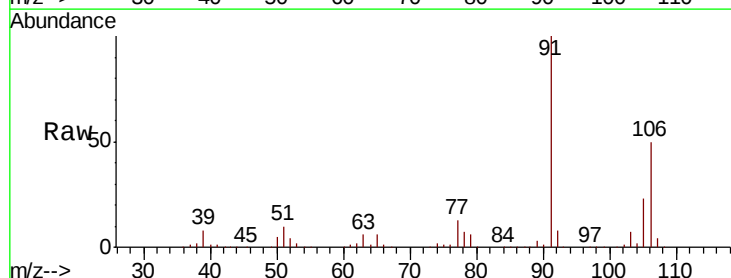
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

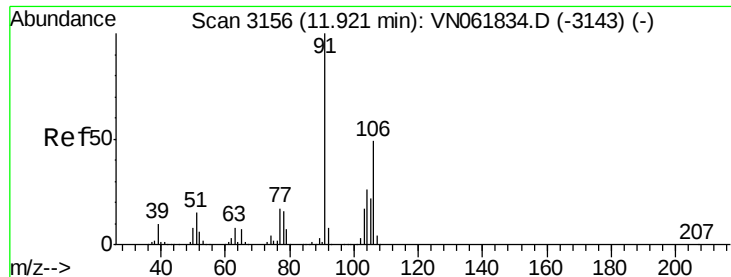
Tot Ion: 91 Resp: 493211
Ion Ratio Lower Upper
91 100
106 31.3 25.4 38.2



#68
m/p-Xylenes
Concen: 103.191 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN062054.D
Acq: 23 Jun 2020 20:14

Tgt Ion: 106 Resp: 379558
Ion Ratio Lower Upper
106 100
91 198.9 157.0 235.6

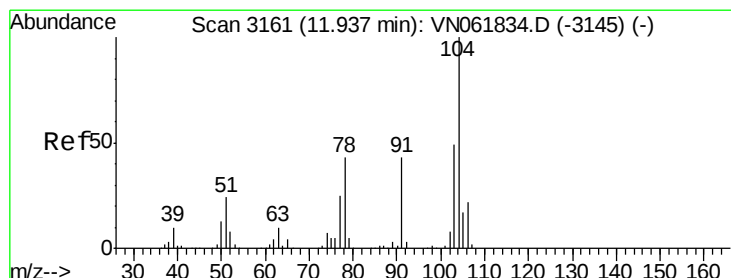
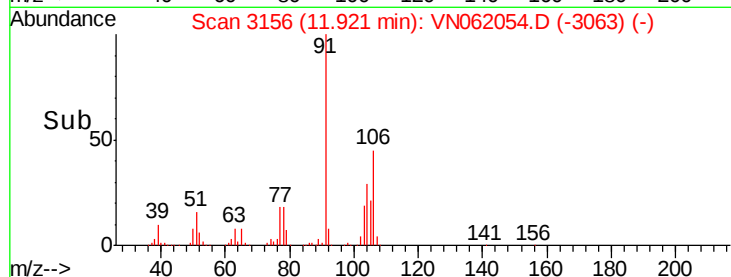
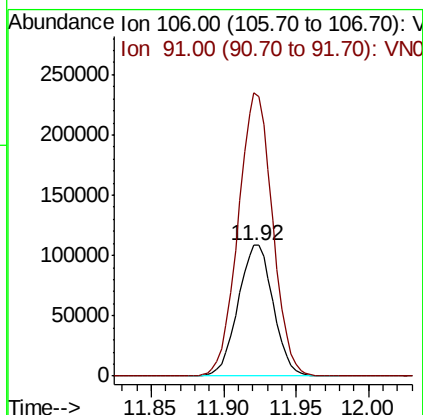
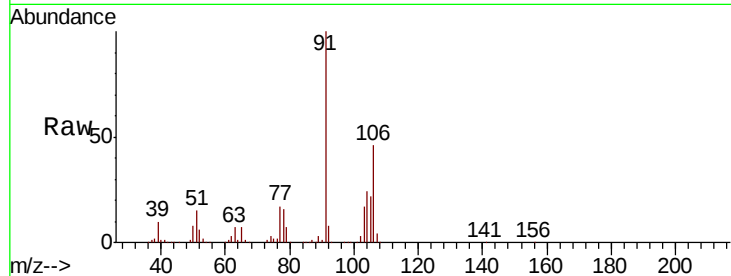




#69
o-Xylene
Concen: 52.114 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062054.D
Acq: 23 Jun 2020 20:14

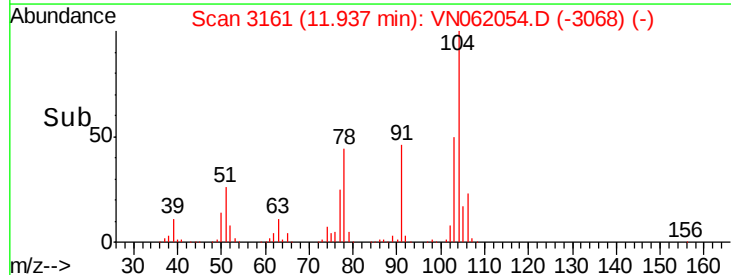
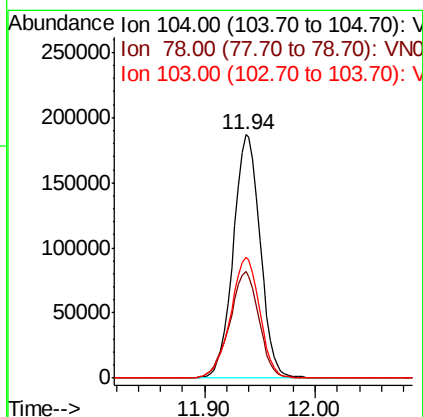
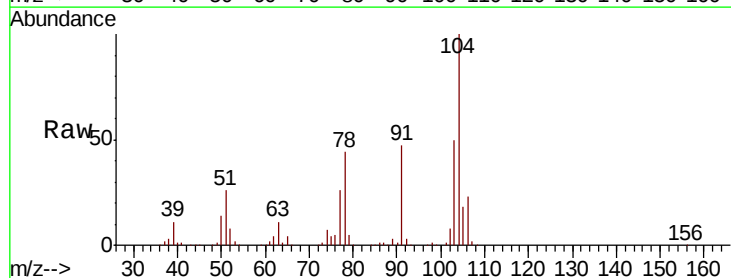
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

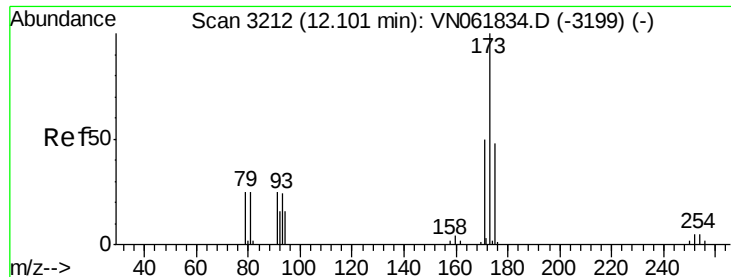
Tot Ion:106 Resp: 182895
Ion Ratio Lower Upper
106 100
91 211.6 103.0 308.9



#70
Styrene
Concen: 53.938 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062054.D
Acq: 23 Jun 2020 20:14

Tgt Ion:104 Resp: 316960
Ion Ratio Lower Upper
104 100
78 47.7 37.6 56.4
103 53.7 43.0 64.4





#71

Bromoform

Concen: 52.557 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062054.D

Acq: 23 Jun 2020 20:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

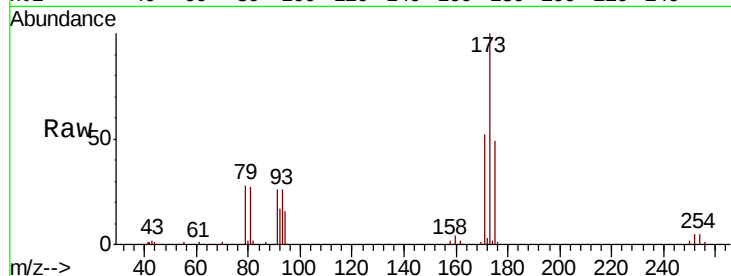
Tot Ion:173 Resp: 76039

Ion Ratio Lower Upper

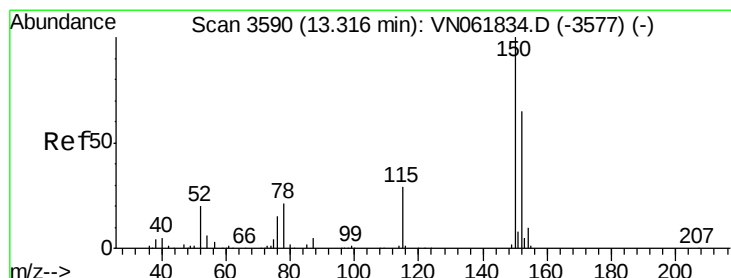
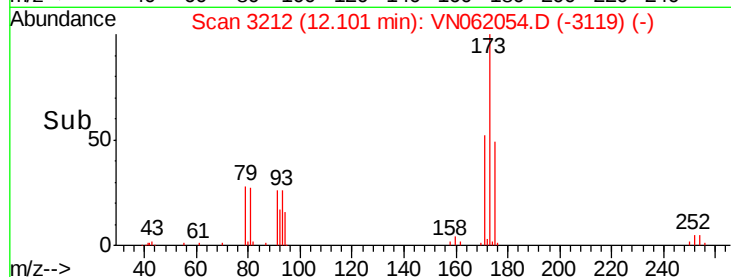
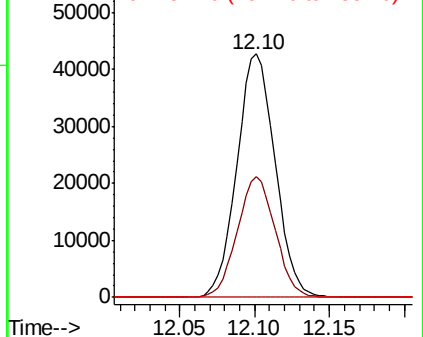
173 100

175 49.0 23.9 71.7

254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062054.D

Acq: 23 Jun 2020 20:14

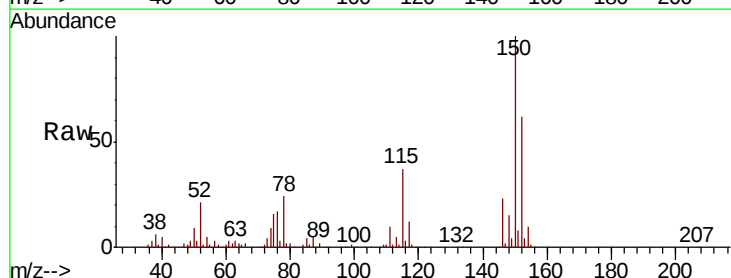
Tgt Ion:152 Resp: 132010

Ion Ratio Lower Upper

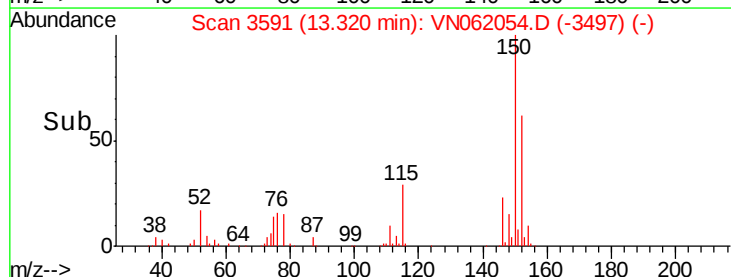
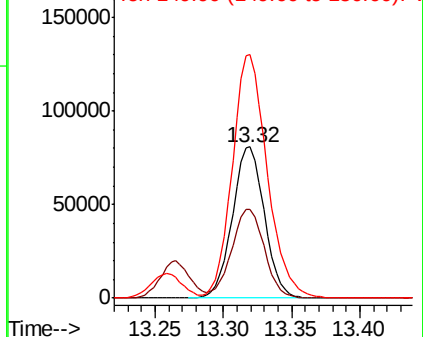
152 100

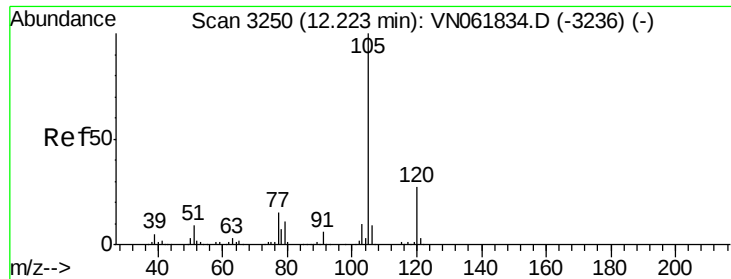
115 59.7 29.1 87.3

150 175.4 0.0 347.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.145 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062054.D

Acq: 23 Jun 2020 20:14

Instrument :

MSVOA_N

ClientSampleId :

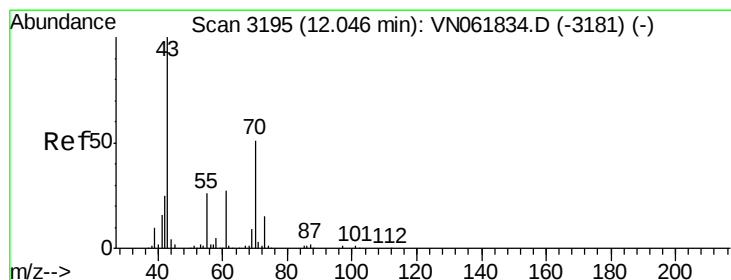
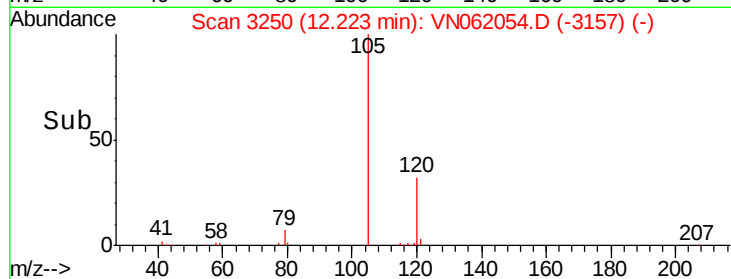
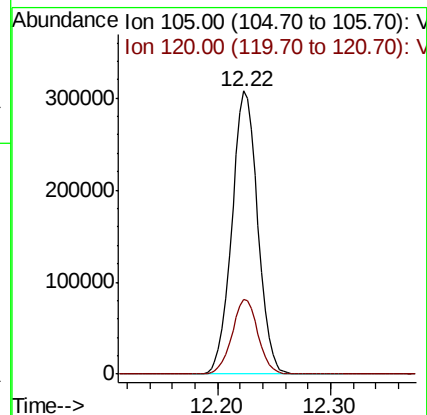
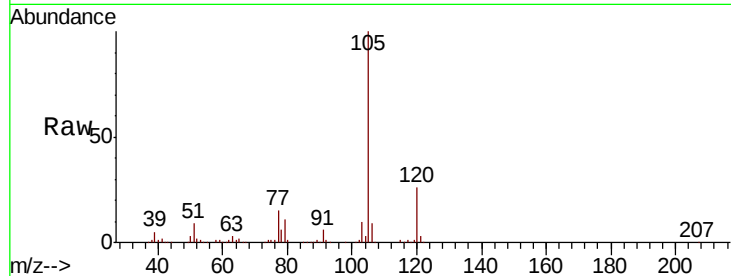
VSTDCCC050EC

Tot Ion:105 Resp: 489158

Ion Ratio Lower Upper

105 100

120 26.5 13.3 39.8



#74

N-ethyl acetate

Concen: 52.560 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN062054.D

Acq: 23 Jun 2020 20:14

Tgt Ion: 43 Resp: 179123

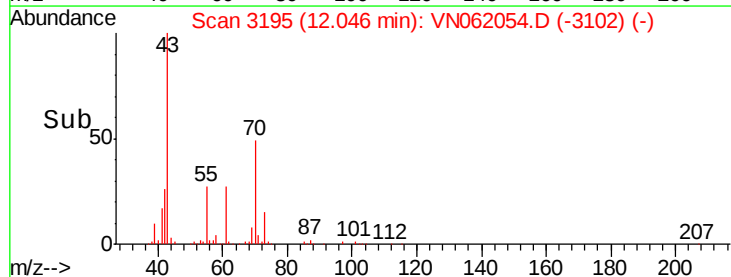
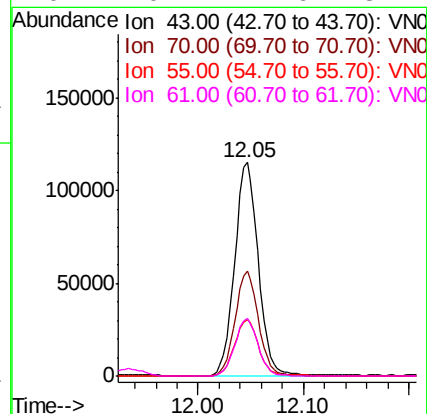
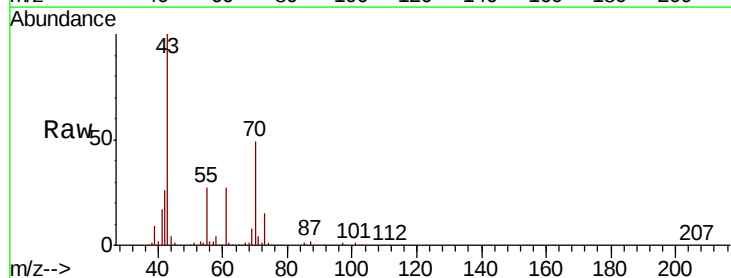
Ion Ratio Lower Upper

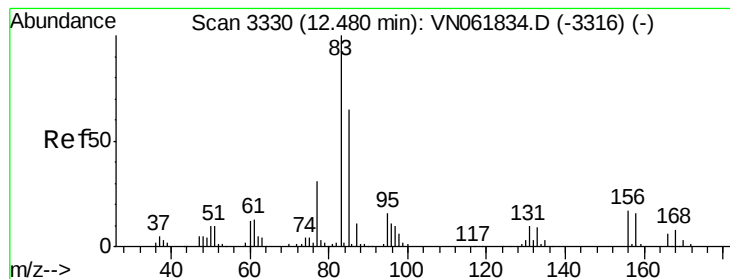
43 100

70 48.3 40.6 60.8

55 26.9 21.5 32.3

61 26.4 21.6 32.4





#75

1,1,2,2-Tetrachloroethane

Concen: 53.671 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. -0.00 min

Lab File: VN062054.D

Acq: 23 Jun 2020 20:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

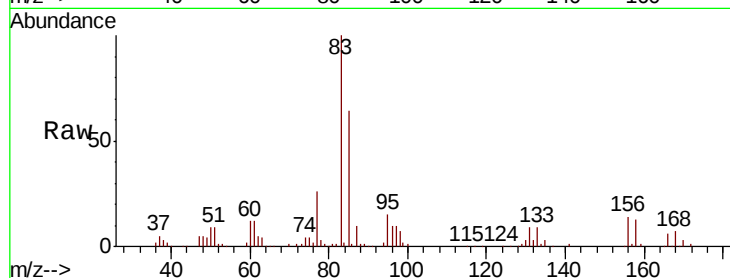
Tot Ion: 83 Resp: 163692

Ion Ratio Lower Upper

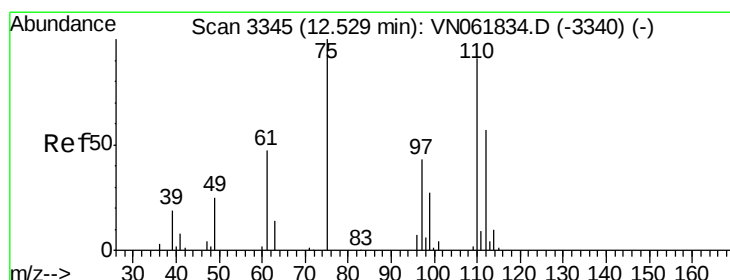
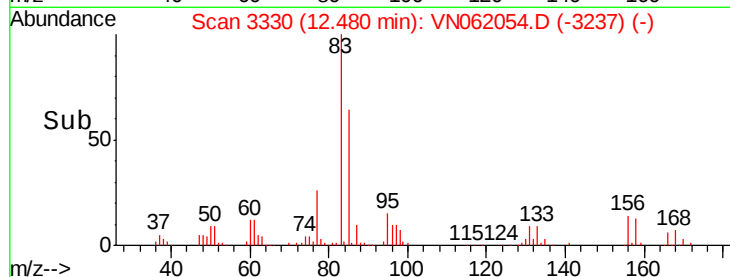
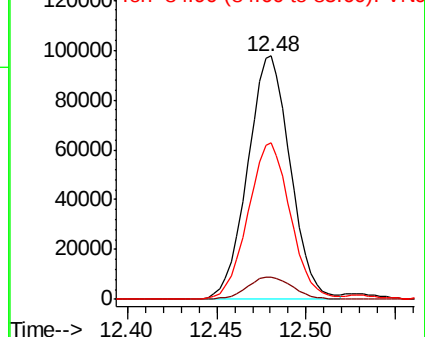
83 100

131 9.8 5.0 15.0

85 63.8 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 130.80 (130.50 to 131.50): VNO
Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 78.024 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062054.D

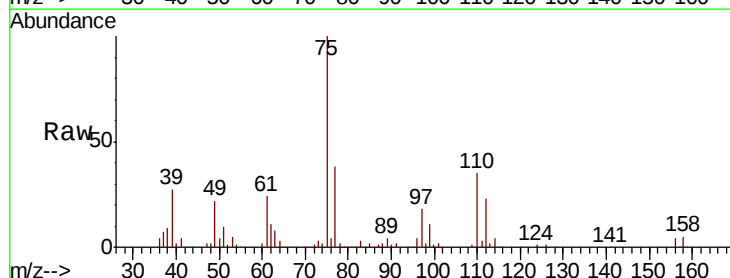
Acq: 23 Jun 2020 20:14

Tgt Ion: 75 Resp: 202214

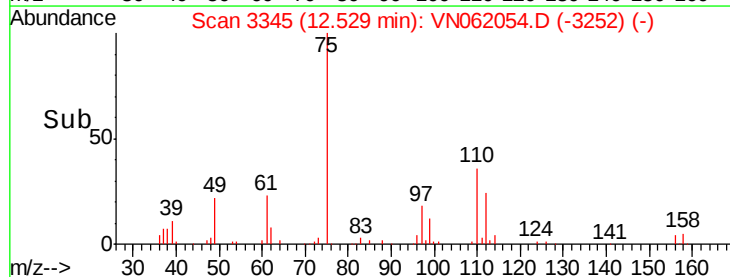
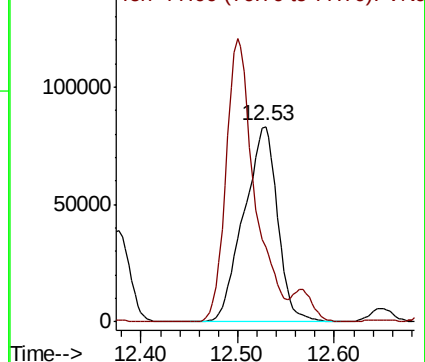
Ion Ratio Lower Upper

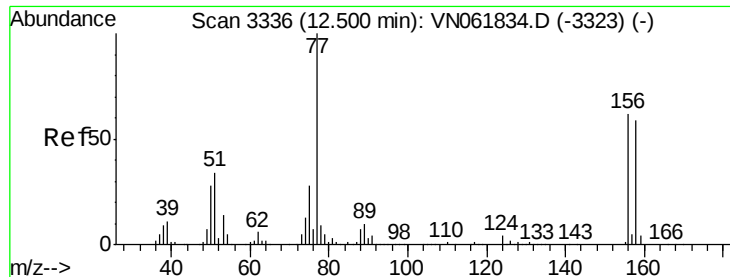
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 50.148 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062054.D

Acq: 23 Jun 2020 20:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

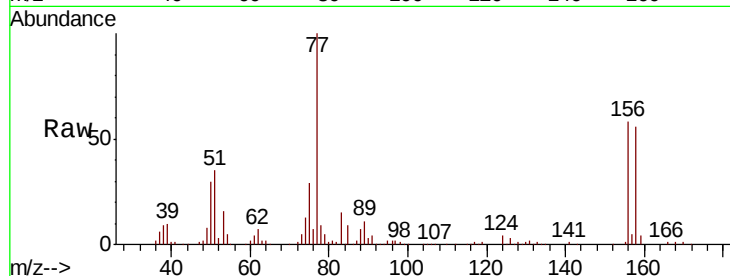
Tot Ion:156 Resp: 118682

Ion Ratio Lower Upper

156 100

77 210.1 100.7 302.1

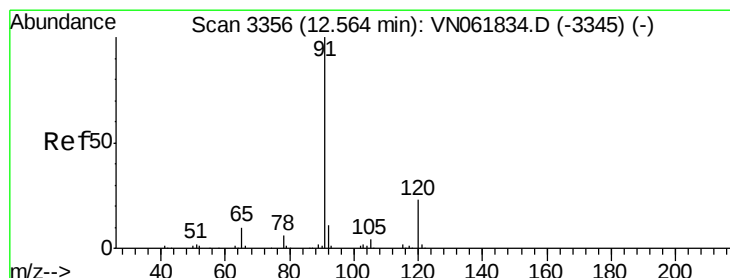
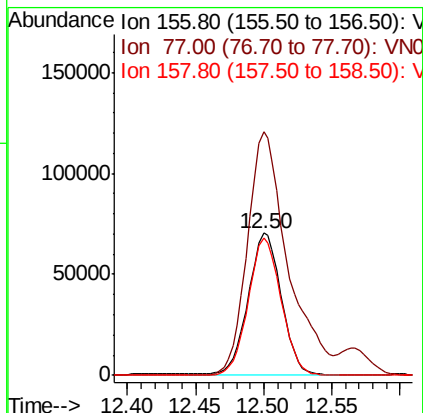
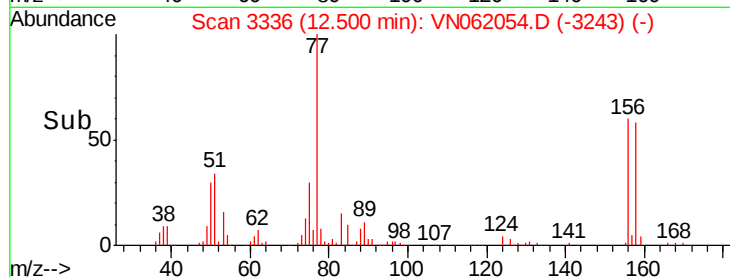
158 95.9 48.5 145.5



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.564 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN062054.D

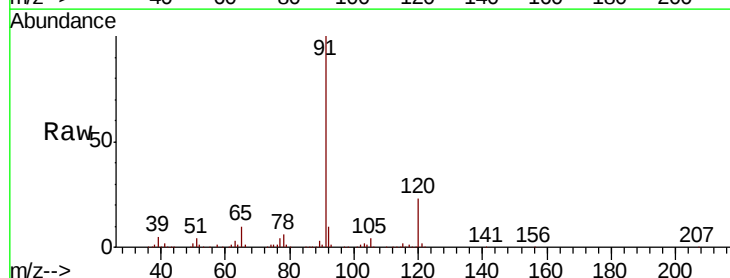
Acq: 23 Jun 2020 20:14

Tgt Ion: 91 Resp: 562641

Ion Ratio Lower Upper

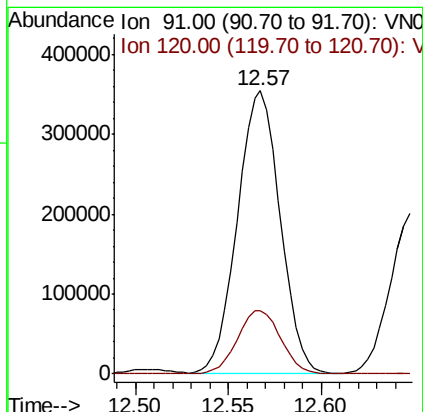
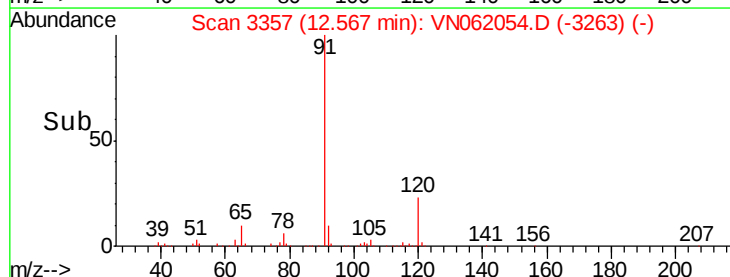
91 100

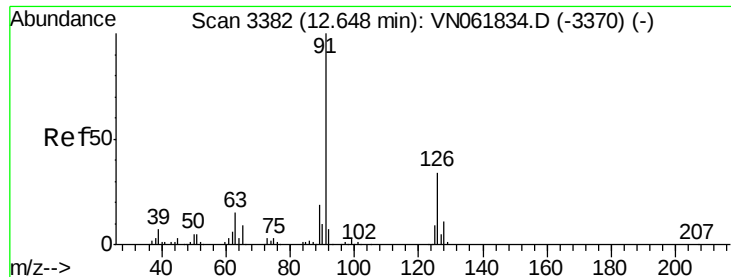
120 22.9 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VN

Ion 120.00 (119.70 to 120.70): V

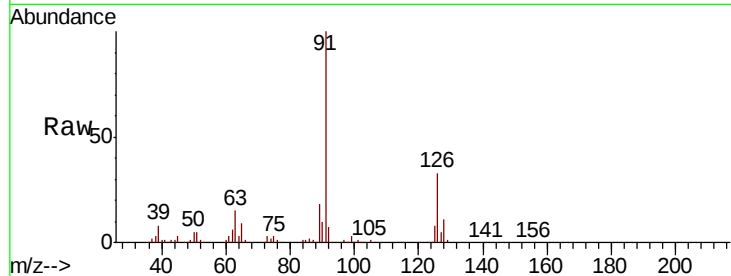




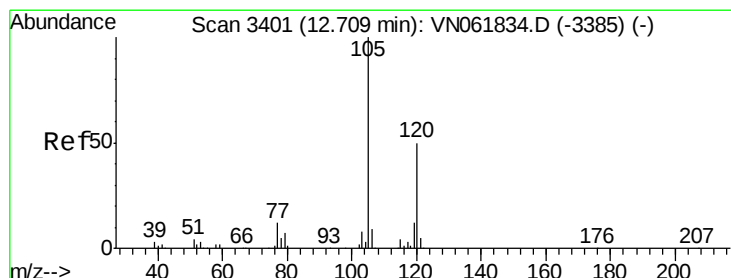
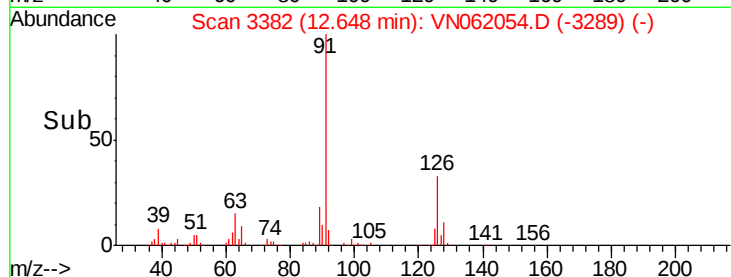
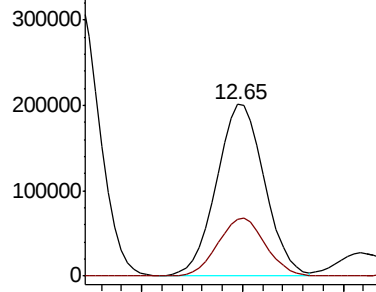
#79
 2-Chlorotoluene
 Concen: 51.729 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. -0.00 min
 Lab File: VN062054.D
 Acq: 23 Jun 2020 20:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 332548
 Ion Ratio Lower Upper
 91 100
 126 33.8 17.3 51.7

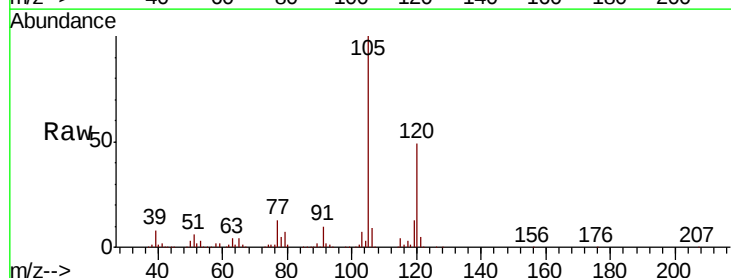


Abundance Ion 91.00 (90.70 to 91.70): VN061834.D (-3370) (-)
 Ion 125.90 (125.60 to 126.60): VN061834.D (-3370) (-)

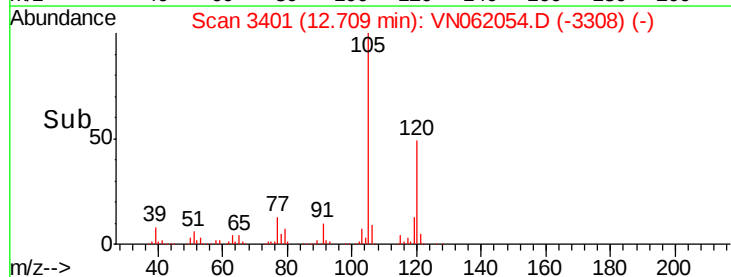
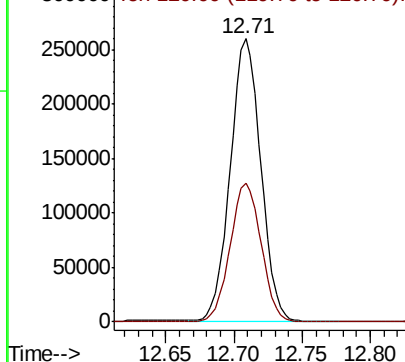


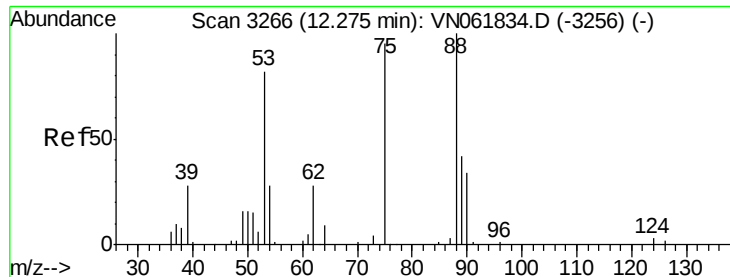
#80
 1,3,5-Trimethylbenzene
 Concen: 52.187 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN062054.D
 Acq: 23 Jun 2020 20:14

Tgt Ion: 105 Resp: 405020
 Ion Ratio Lower Upper
 105 100
 120 50.1 24.9 74.7



Abundance Ion 105.00 (104.70 to 105.70): VN061834.D (-3385) (-)
 Ion 120.00 (119.70 to 120.70): VN061834.D (-3385) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 53.907 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062054.D

Acq: 23 Jun 2020 20:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

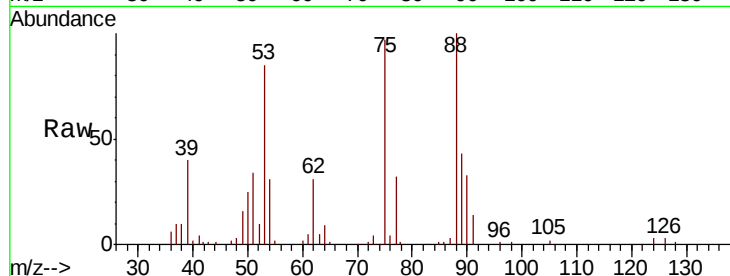
Tot Ion: 75 Resp: 51224

Ion Ratio Lower Upper

75 100

53 89.0 70.4 105.6

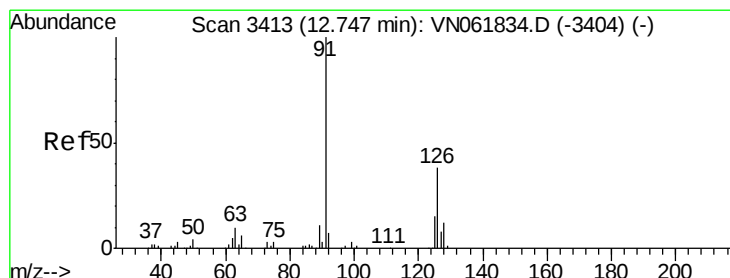
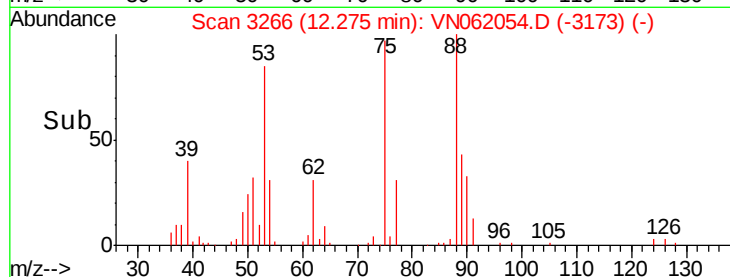
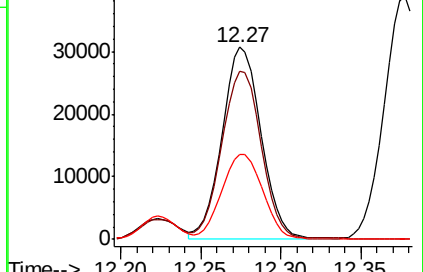
89 46.2 36.0 54.0



Abundance Ion 74.90 (74.60 to 75.60): VN061834.D (-3256) (-)

Ion 53.00 (52.70 to 53.70): VN061834.D (-3256) (-)

Ion 88.90 (88.60 to 89.60): VN061834.D (-3256) (-)



#82

4-Chlorotoluene

Concen: 51.951 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062054.D

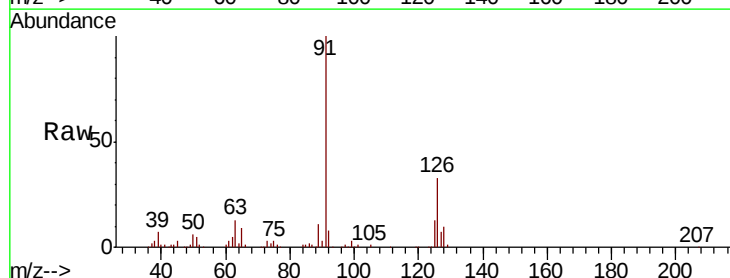
Acq: 23 Jun 2020 20:14

Tgt Ion: 91 Resp: 345103

Ion Ratio Lower Upper

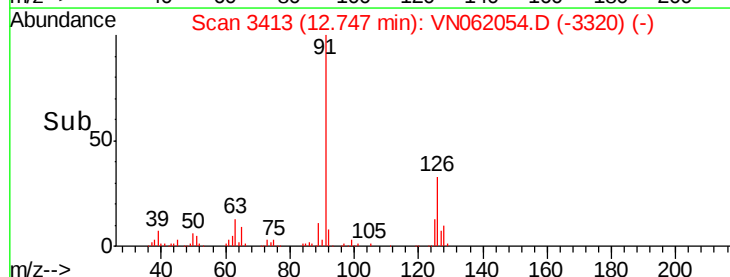
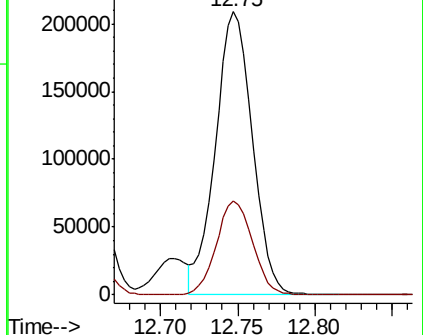
91 100

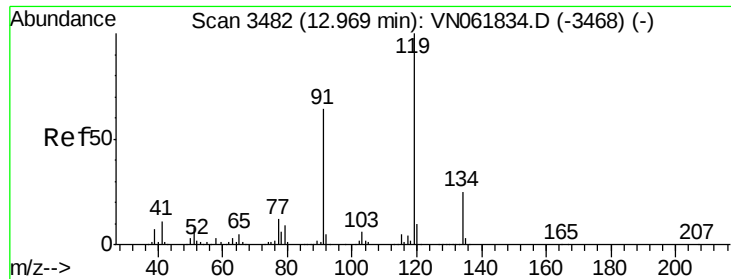
126 32.7 17.2 51.6



Abundance Ion 91.00 (90.70 to 91.70): VN061834.D (-3404) (-)

Ion 125.90 (125.60 to 126.60): VN061834.D (-3404) (-)

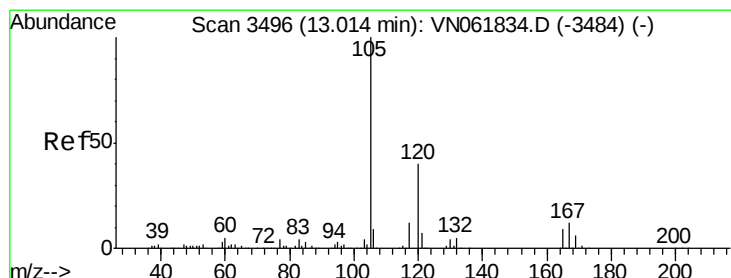
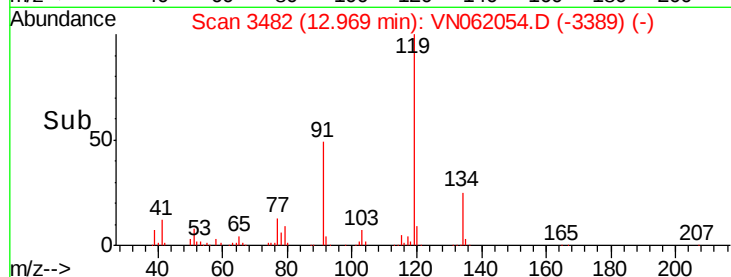
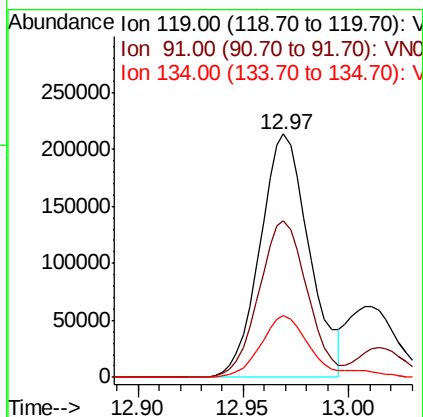
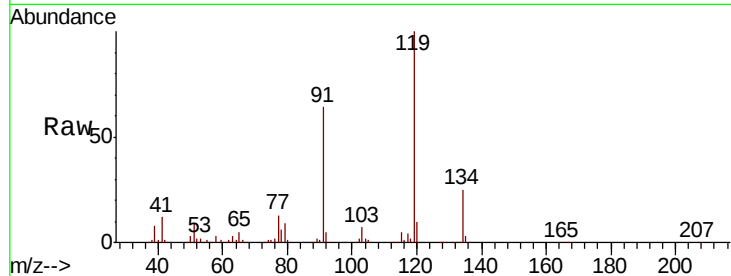




#83
tert-Butylbenzene
Concen: 52.564 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. -0.00 min
Lab File: VN062054.D
Acq: 23 Jun 2020 20:14

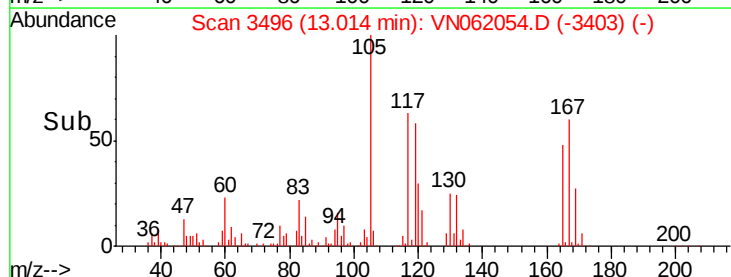
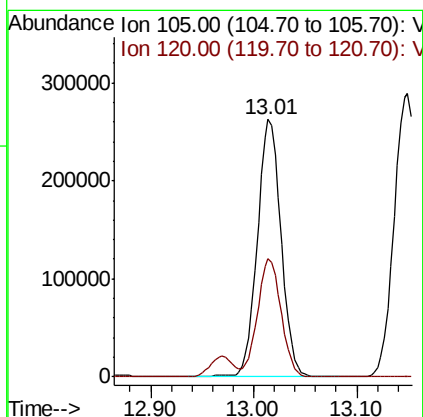
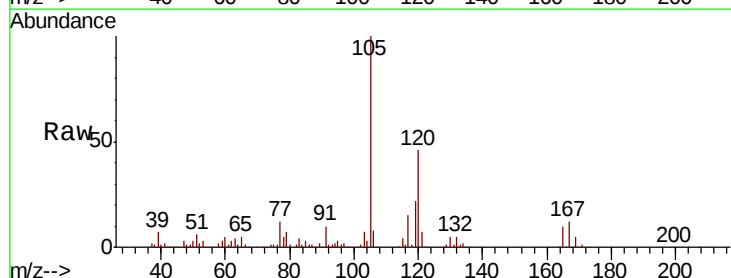
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

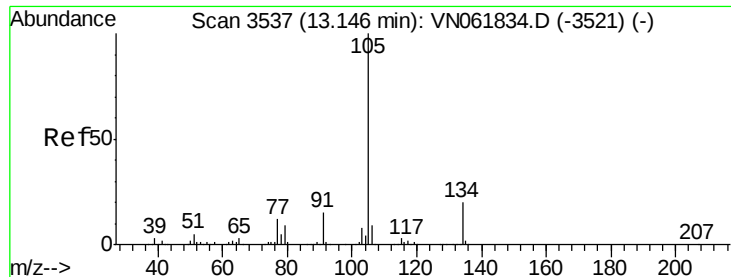
Tot Ion:119 Resp: 345842
Ion Ratio Lower Upper
119 100
91 63.6 31.5 94.5
134 24.5 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 54.469 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. -0.00 min
Lab File: VN062054.D
Acq: 23 Jun 2020 20:14

Tgt Ion:105 Resp: 417293
Ion Ratio Lower Upper
105 100
120 46.0 23.3 69.9





#85

sec-Butylbenzene

Concen: 53.239 ug/l

RT: 13.15 min Scan# 3538

Delta R.T. 0.00 min

Lab File: VN062054.D

Acq: 23 Jun 2020 20:14

Instrument :

MSVOA_N

ClientSampleId :

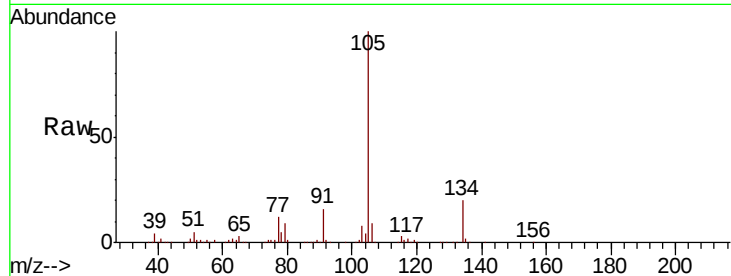
VSTDCCC050EC

Tot Ion:105 Resp: 458482

Ion Ratio Lower Upper

105 100

134 19.5 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.15

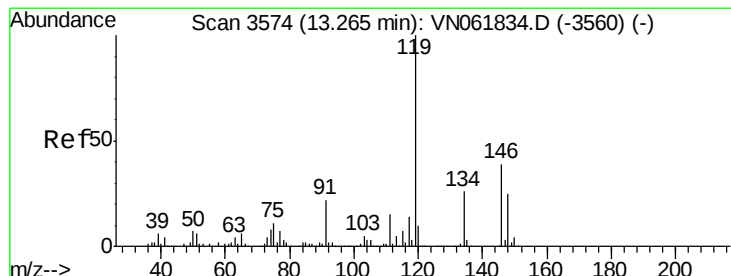
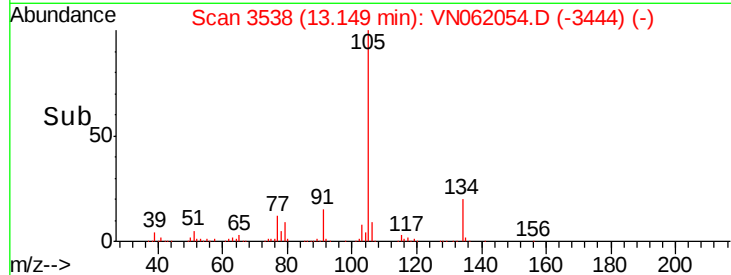
300000

200000

100000

0

Time--> 13.05 13.10 13.15 13.20



#86

p-Isopropyltoluene

Concen: 53.228 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062054.D

Acq: 23 Jun 2020 20:14

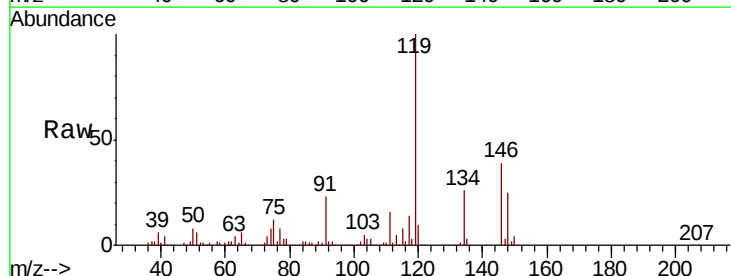
Tgt Ion:119 Resp: 408464

Ion Ratio Lower Upper

119 100

134 26.0 13.3 39.9

91 23.0 11.2 33.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.26

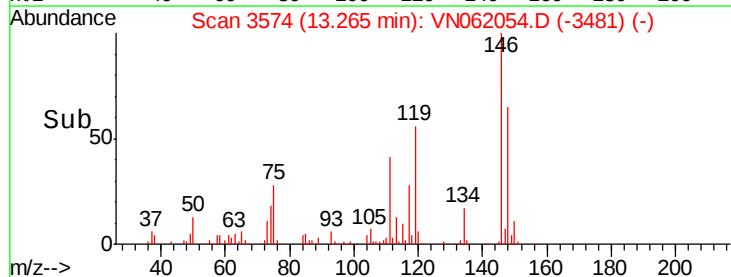
300000

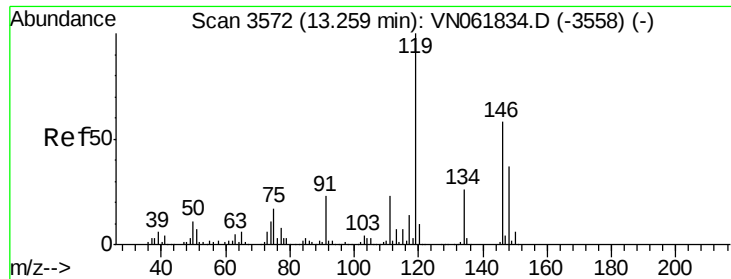
200000

100000

0

Time--> 13.20 13.25 13.30 13.35

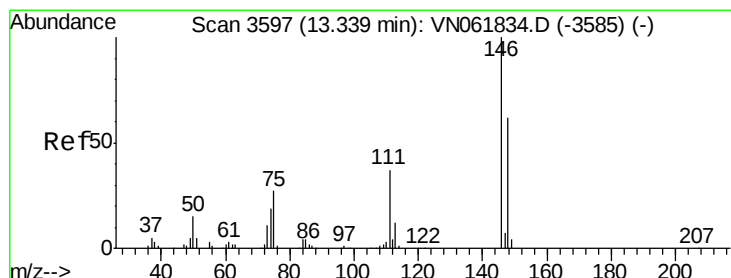
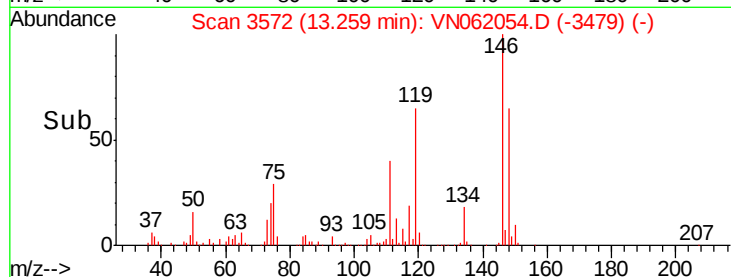
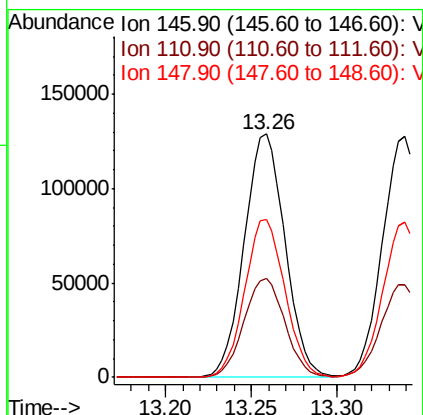
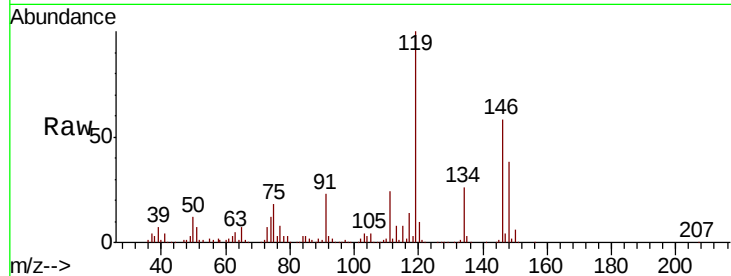




#87
 1,3-Dichlorobenzene
 Concen: 49.171 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062054.D
 Acq: 23 Jun 2020 20:14

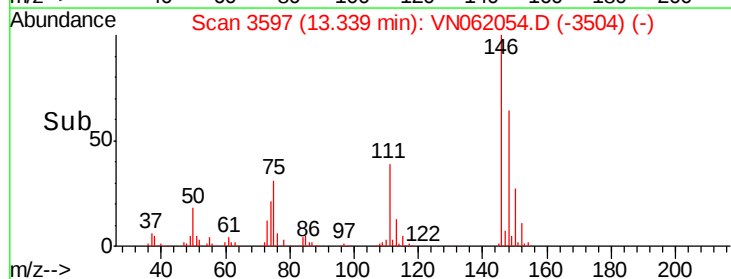
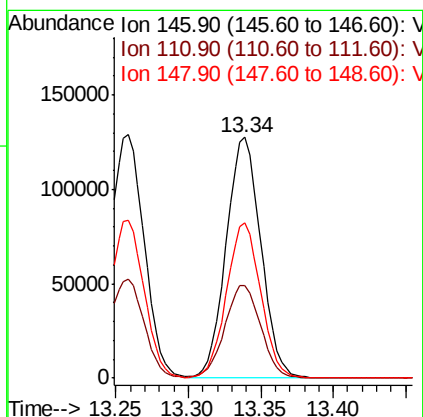
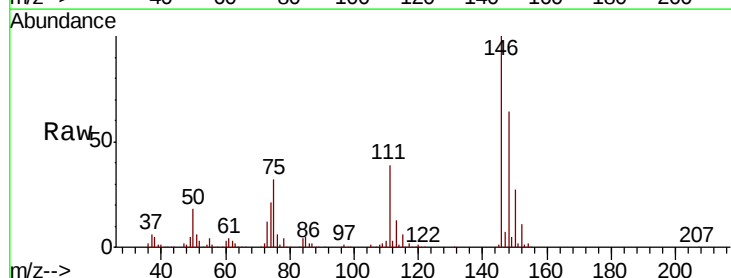
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

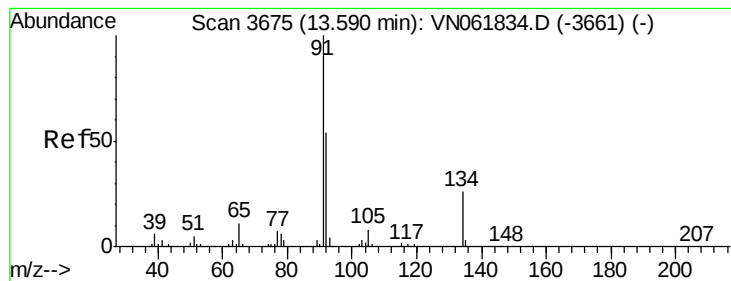
Tot Ion:146 Resp: 212244
 Ion Ratio Lower Upper
 146 100
 111 40.9 19.6 58.8
 148 63.9 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 47.714 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062054.D
 Acq: 23 Jun 2020 20:14

Tgt Ion:146 Resp: 210819
 Ion Ratio Lower Upper
 146 100
 111 39.8 19.3 57.8
 148 63.6 31.6 94.7





#89

n-Butylbenzene

Concen: 53.008 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. -0.00 min

Lab File: VN062054.D

Acq: 23 Jun 2020 20:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

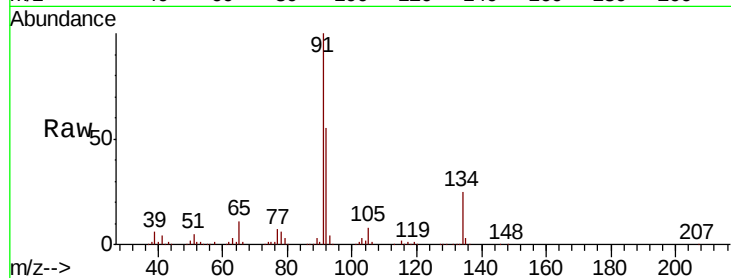
Tot Ion: 91 Resp: 339714

Ion Ratio Lower Upper

91 100

92 54.0 27.0 80.8

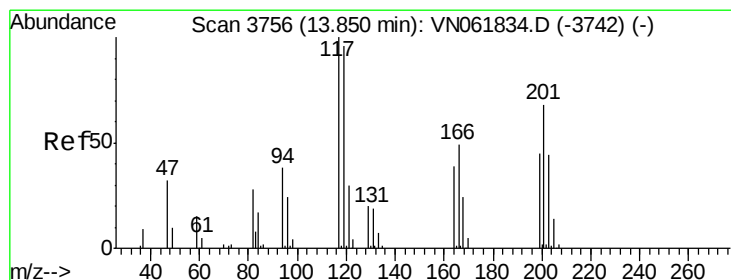
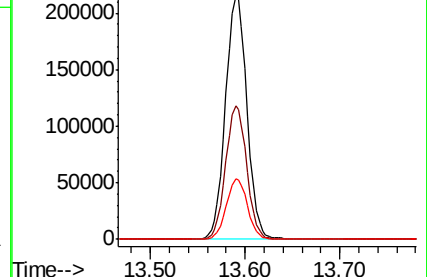
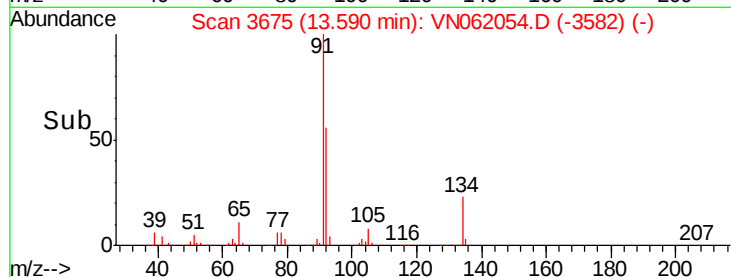
134 24.5 13.0 39.0



Abundance Ion 91.00 (90.70 to 91.70): VN061834.D (-3661) (-)

Ion 92.00 (91.70 to 92.70): VN061834.D (-3661) (-)

Ion 134.00 (133.70 to 134.70): VN061834.D (-3661) (-)



#90

Hexachloroethane

Concen: 54.334 ug/l

RT: 13.85 min Scan# 3756

Delta R.T. -0.00 min

Lab File: VN062054.D

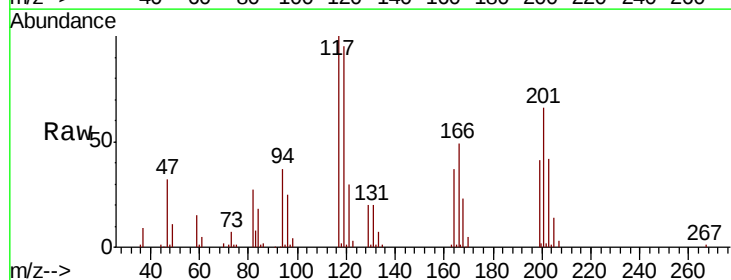
Acq: 23 Jun 2020 20:14

Tgt Ion: 117 Resp: 76324

Ion Ratio Lower Upper

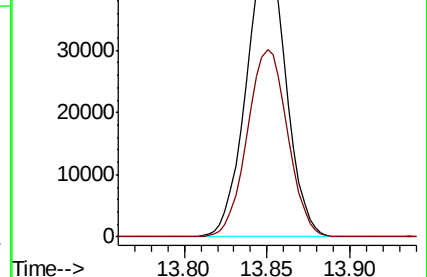
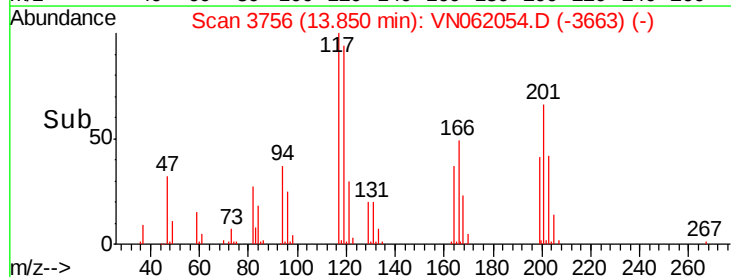
117 100

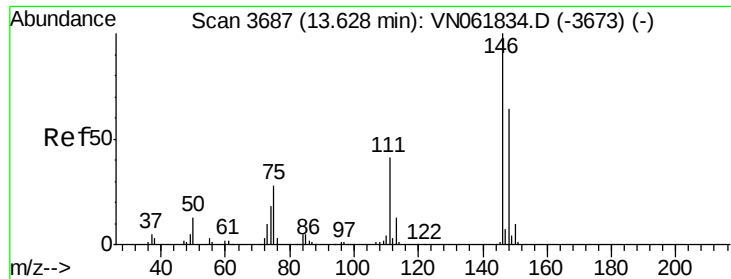
201 67.0 34.6 103.8



Abundance Ion 116.80 (116.50 to 117.50): VN061834.D (-3742) (-)

Ion 200.70 (200.40 to 201.40): VN061834.D (-3742) (-)

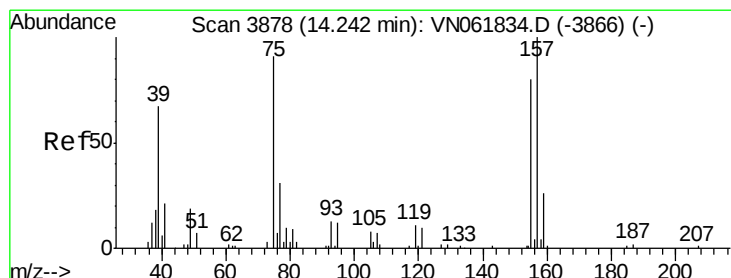
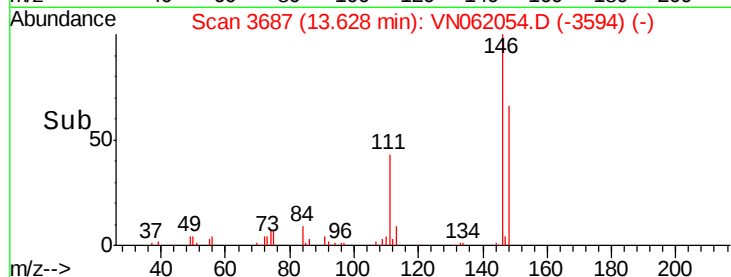
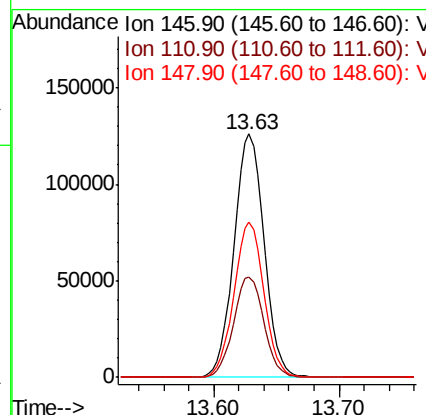
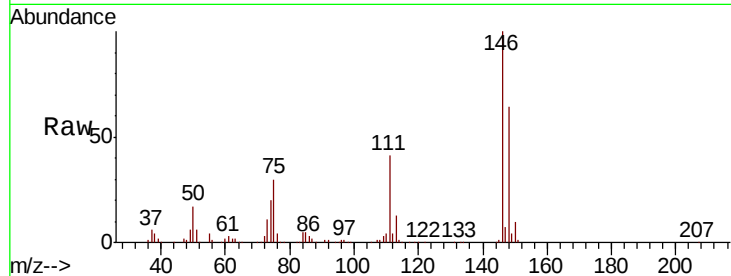




#91
 1,2-Dichlorobenzene
 Concen: 50.595 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062054.D
 Acq: 23 Jun 2020 20:14

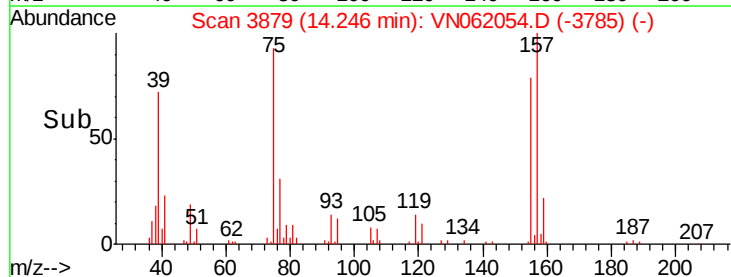
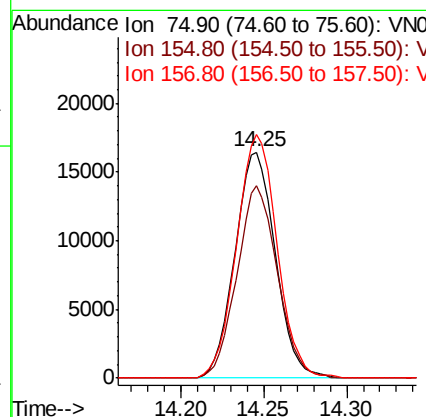
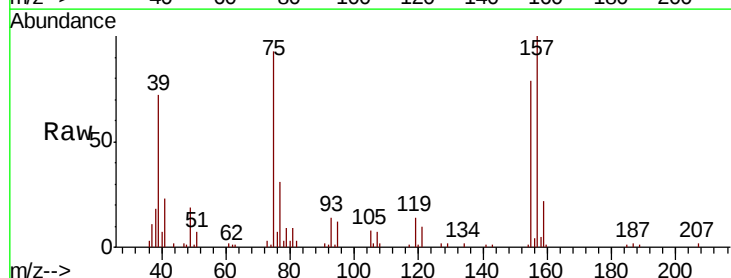
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

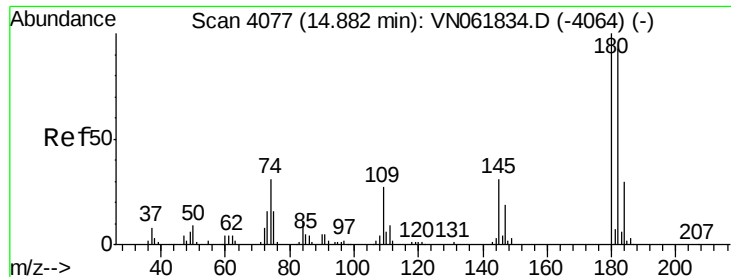
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.5	20.4	61.2
148	63.3	31.8	95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 56.409 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN062054.D
 Acq: 23 Jun 2020 20:14

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.1	44.4	133.2
157	107.8	57.0	171.2

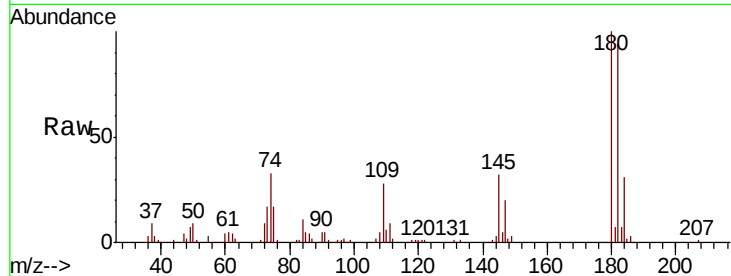




#93
 1,2,4-Trichlorobenzene
 Concen: 49.272 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN062054.D
 Acq: 23 Jun 2020 20:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.0	141.2
145	31.4	15.8	47.3

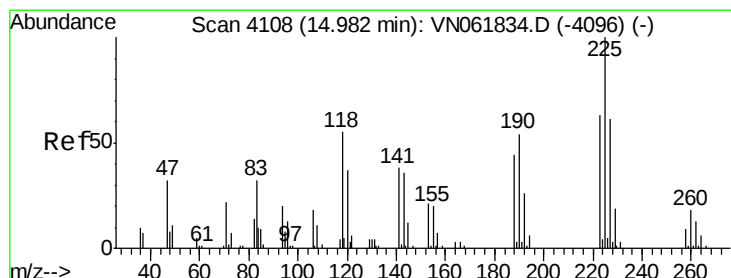
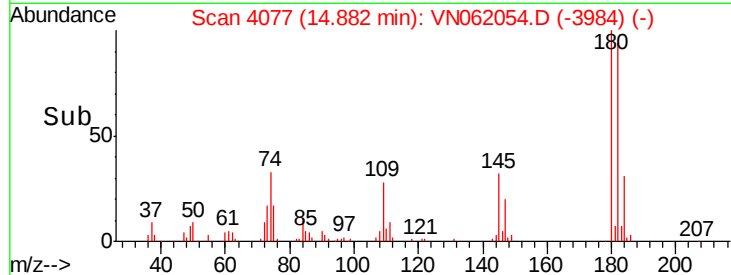
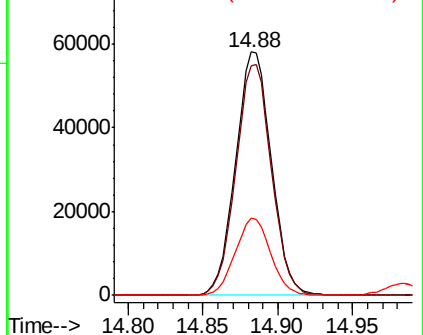


Abundance

Ion 179.80 (179.50 to 180.50): V

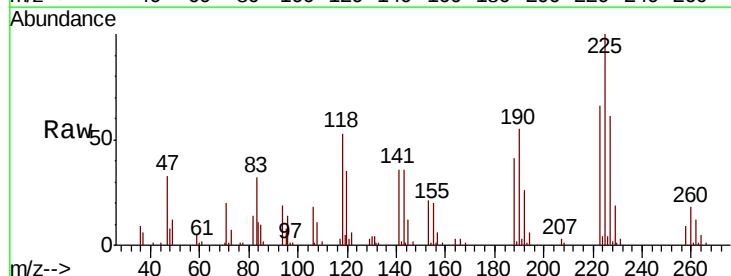
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 51.358 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN062054.D
 Acq: 23 Jun 2020 20:14

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.5	31.7	95.1
227	60.5	30.1	90.3

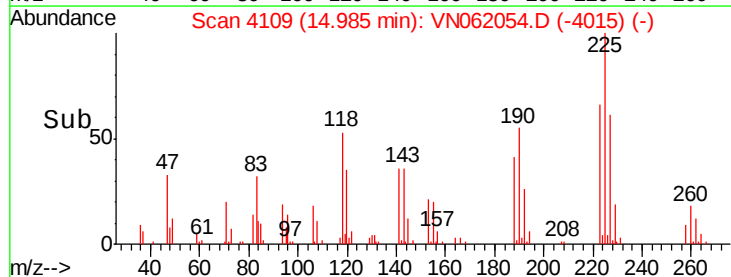
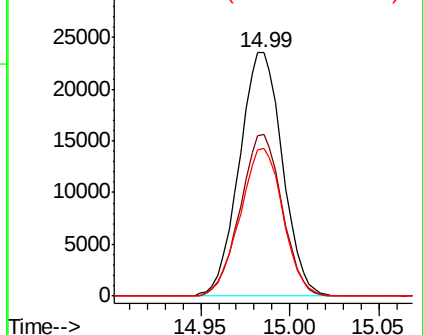


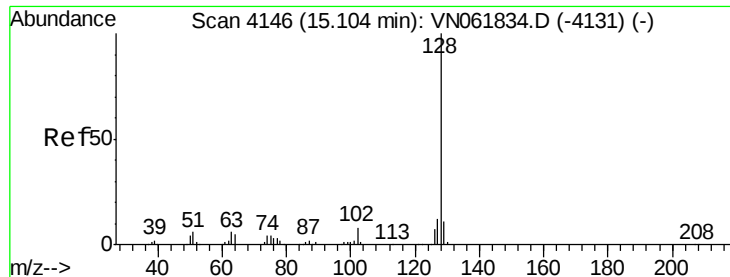
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 46.359 ug/l

RT: 15.11 min Scan# 4147

Delta R.T. 0.00 min

Lab File: VN062054.D

Acq: 23 Jun 2020 20:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

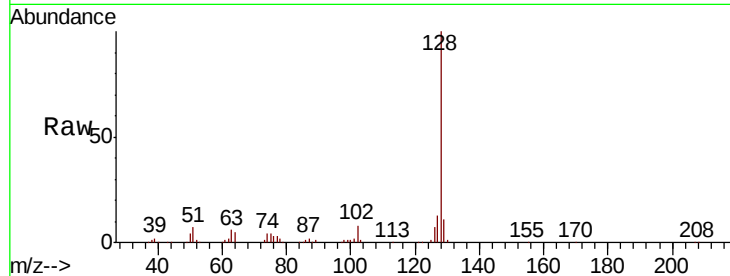
Tot Ion:128 Resp: 302628

Ion Ratio Lower Upper

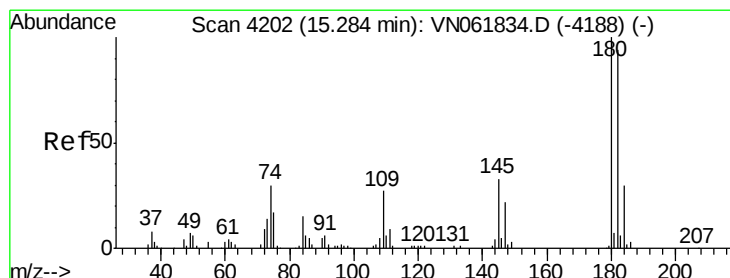
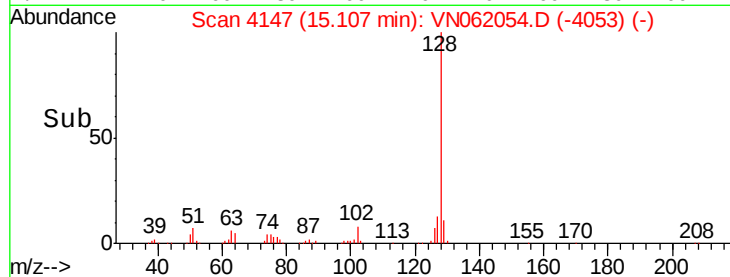
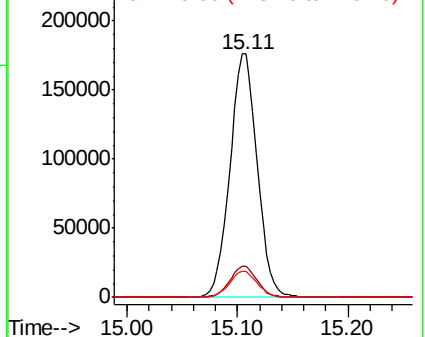
128 100

127 12.8 10.3 15.5

129 10.9 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 50.620 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. -0.00 min

Lab File: VN062054.D

Acq: 23 Jun 2020 20:14

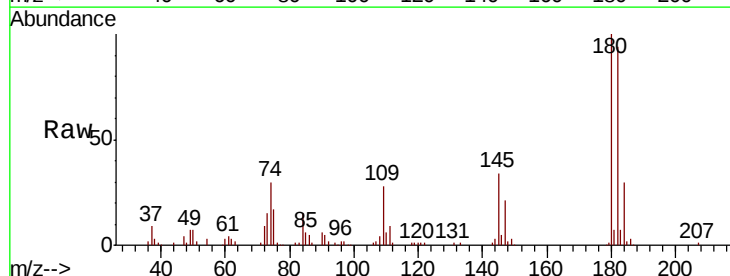
Tgt Ion:180 Resp: 98302

Ion Ratio Lower Upper

180 100

182 94.9 47.9 143.6

145 33.7 16.5 49.5



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

