

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061820\
 Data File : VN061915.D
 Acq On : 18 Jun 2020 21:16
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 19 05:29:53 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	144287	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	254514	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	241331	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	117307	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	99589	51.46	ug/l	0.00
Spiked Amount			Recovery	=	102.92%	
35) Dibromofluoromethane	7.55	113	85323	52.40	ug/l	0.00
Spiked Amount			Recovery	=	104.80%	
50) Toluene-d8	10.06	98	323575	50.55	ug/l	0.00
Spiked Amount			Recovery	=	101.10%	
62) 4-Bromofluorobenzene	12.37	95	109685	49.95	ug/l	0.00
Spiked Amount			Recovery	=	99.90%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	97341	51.838	ug/l	99
3) Chloromethane	2.03	50	108403	54.126	ug/l	98
4) Vinyl Chloride	2.16	62	136021	56.971	ug/l	99
5) Bromomethane	2.52	94	92620	50.516	ug/l	99
6) Chloroethane	2.66	64	91999	56.935	ug/l	97
7) Trichlorofluoromethane	2.98	101	156238	54.784	ug/l	95
8) Diethyl Ether	3.37	74	54692	57.044	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	75329	51.485	ug/l	99
10) Methyl Iodide	3.91	142	96383	54.095	ug/l	99
11) Tert butyl alcohol	4.73	59	68934	257.429	ug/l	99
12) 1,1-Dichloroethene	3.69	96	80484	54.900	ug/l	97
13) Acrolein	3.57	56	42762	267.188	ug/l	98
14) Allyl chloride	4.27	41	103225	53.052	ug/l	98
15) Acrylonitrile	4.93	53	193826	292.121	ug/l	100
16) Acetone	3.77	43	146613	256.499	ug/l	98
17) Carbon Disulfide	4.01	76	220085	51.307	ug/l	99
18) Methyl Acetate	4.28	43	90705	55.119	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	275376	56.415	ug/l	99
20) Methylene Chloride	4.50	84	99380	53.366	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	89968	53.428	ug/l	99
22) Diisopropyl ether	5.90	45	244160	54.868	ug/l	100
23) Vinyl Acetate	5.84	43	985440	281.559	ug/l	100
24) 1,1-Dichloroethane	5.80	63	159243	54.666	ug/l	98
25) 2-Butanone	6.79	43	236440	283.516	ug/l	97
26) 2,2-Dichloropropane	6.78	77	113854	46.456	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	105329	54.210	ug/l	98
28) Bromochloromethane	7.15	49	67827	52.294	ug/l	100
29) Tetrahydrofuran	7.17	42	155681	283.658	ug/l	99
30) Chloroform	7.33	83	169331	54.390	ug/l	100
31) Cyclohexane	7.61	56	117471	46.065	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	143917	54.280	ug/l	98
36) 1,1-Dichloropropene	7.75	75	119025	51.272	ug/l	99
37) Ethyl Acetate	6.88	43	103540	57.115	ug/l	97
38) Carbon Tetrachloride	7.73	117	121177	52.711	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061820\
 Data File : VN061915.D
 Acq On : 18 Jun 2020 21:16
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050EC

Quant Time: Jun 19 05:29:53 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)
39) Methylcyclohexane	9.05	83	122206	48.888	ug/l	99
40) Benzene	8.00	78	374809	53.299	ug/l	100
41) Methacrylonitrile	7.16	41	145019	187.076	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	129329	53.937	ug/l	99
43) Isopropyl Acetate	8.13	43	167796	54.924	ug/l	99
44) Trichloroethene	8.80	130	97049	52.439	ug/l	96
45) 1,2-Dichloropropane	9.08	63	94017	54.403	ug/l	99
46) Dibromomethane	9.18	93	68260	56.091	ug/l	98
47) Bromodichloromethane	9.37	83	136044	54.594	ug/l	97
48) Methyl methacrylate	9.17	41	78974	56.844	ug/l	97
49) 1,4-Dioxane	9.17	88	34049	1067.462	ug/l	100
51) 4-Methyl-2-Pentanone	9.95	43	515189	285.371	ug/l	100
52) Toluene	10.12	92	239024	54.121	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	144077	54.464	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	154145	53.648	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	99034	56.993	ug/l	98
56) Ethyl methacrylate	10.40	69	136671	51.406	ug/l	99
57) 1,3-Dichloropropane	10.68	76	165568	56.243	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	240207	261.929	ug/l	100
59) 2-Hexanone	10.72	43	376396	260.381	ug/l	100
60) Dibromochloromethane	10.87	129	110335	56.905	ug/l	99
61) 1,2-Dibromoethane	10.98	107	100047	55.139	ug/l	98
64) Tetrachloroethene	10.60	164	78700	51.165	ug/l	99
65) Chlorobenzene	11.41	112	265348	52.108	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	98388	55.399	ug/l	99
67) Ethyl Benzene	11.48	91	449391	52.635	ug/l	99
68) m/p-Xylenes	11.59	106	352859	107.179	ug/l	99
69) o-Xylene	11.92	106	170148	54.165	ug/l	98
70) Styrene	11.94	104	295081	56.102	ug/l	100
71) Bromoform	12.10	173	74700	57.685	ug/l #	98
73) Isopropylbenzene	12.22	105	431205	51.728	ug/l	99
74) N-amyl acetate	12.04	43	152461	50.473	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	145752	53.779	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	178636	77.566	ug/l #	100
77) Bromobenzene	12.50	156	113743	54.085	ug/l	97
78) n-propylbenzene	12.57	91	490050	51.521	ug/l	99
79) 2-Chlorotoluene	12.65	91	295148	51.665	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	368684	53.459	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	44426	52.613	ug/l	98
82) 4-Chlorotoluene	12.75	91	308260	52.221	ug/l	100
83) tert-Butylbenzene	12.97	119	303003	51.825	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	371975	54.640	ug/l	99
85) sec-Butylbenzene	13.15	105	400089	52.281	ug/l	99
86) p-Isopropyltoluene	13.26	119	365666	53.624	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	201246	52.467	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	202434	51.559	ug/l	100
89) n-Butylbenzene	13.59	91	292279	51.323	ug/l	99
90) Hexachloroethane	13.85	117	66697	53.432	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	198914	53.868	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	24881	56.549	ug/l	98

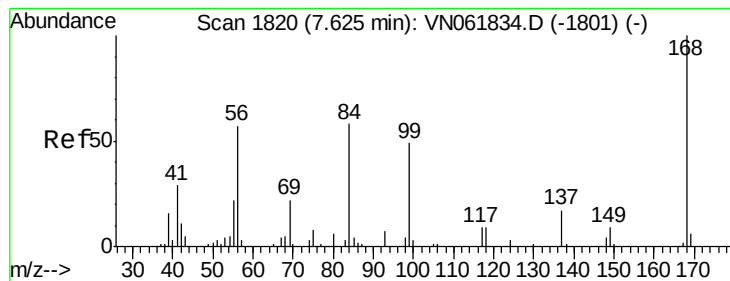
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061820\
Data File : VN061915.D
Acq On : 18 Jun 2020 21:16
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Quant Time: Jun 19 05:29:53 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)
93) 1,2,4-Trichlorobenzene	14.88	180	93485	53.651	ug/l	98
94) Hexachlorobutadiene	14.98	225	34495	50.264	ug/l	100
95) Naphthalene	15.10	128	281442	48.355	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	95008	55.055	ug/l	100

(#) = 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: VN061915.D

Acq: 18 Jun 2020 21:16

Instrument :

MSVOA_N

ClientSampleId :

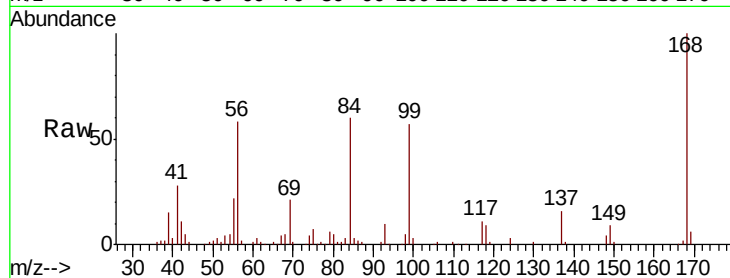
VSTDCCC050EC

Tot Ion:168 Resp: 144287

Ion Ratio Lower Upper

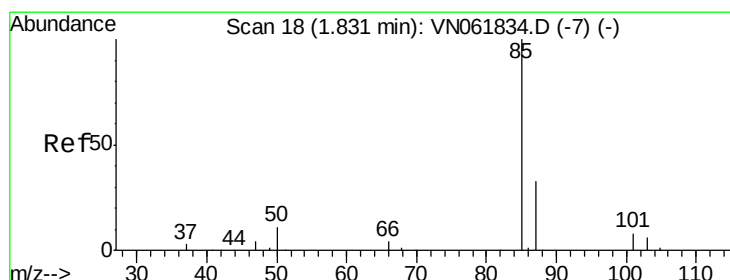
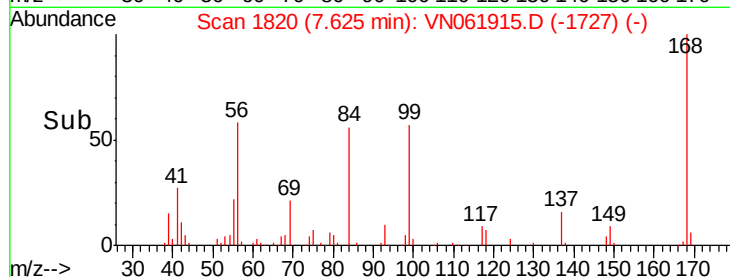
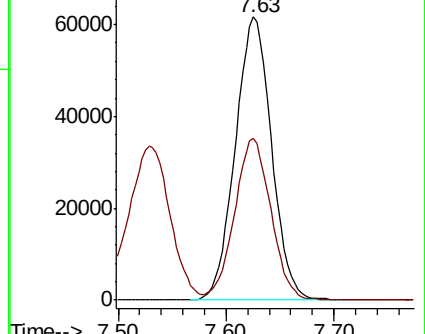
168 100

99 56.9 44.6 67.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 51.838 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061915.D

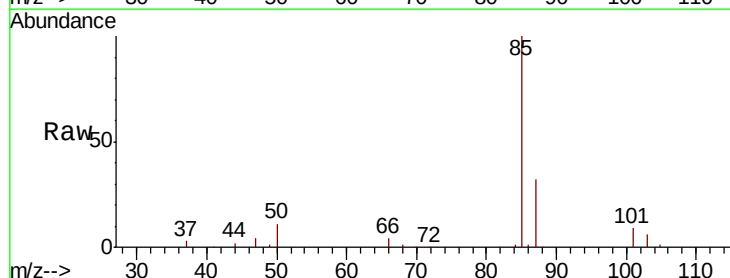
Acq: 18 Jun 2020 21:16

Tgt Ion: 85 Resp: 97341

Ion Ratio Lower Upper

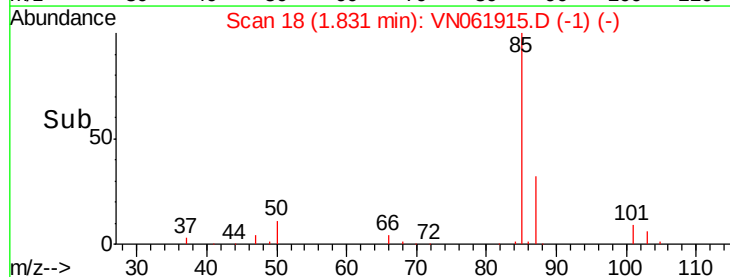
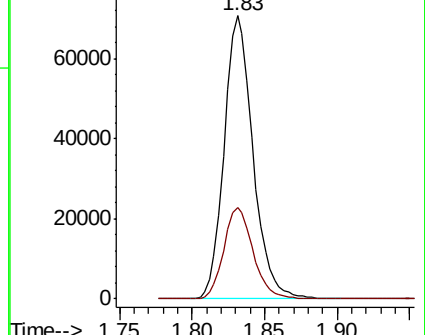
85 100

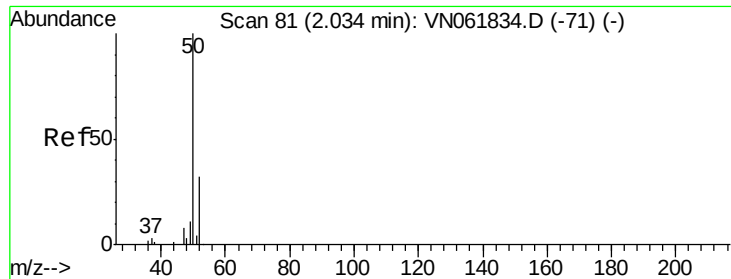
87 32.5 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 54.126 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN061915.D

Acq: 18 Jun 2020 21:16

Instrument :

MSVOA_N

ClientSampleId :

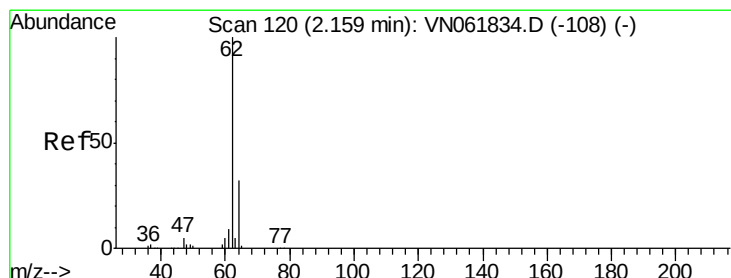
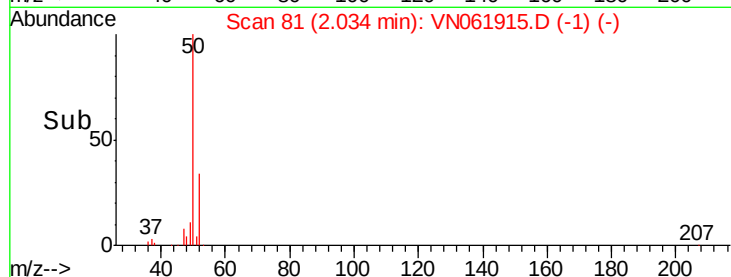
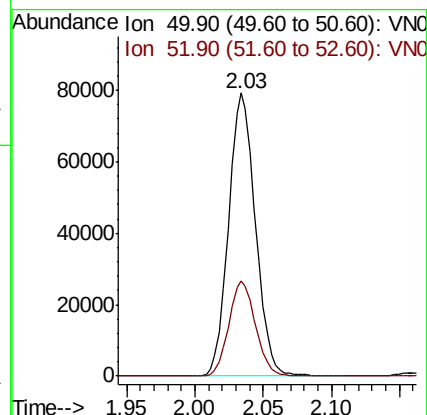
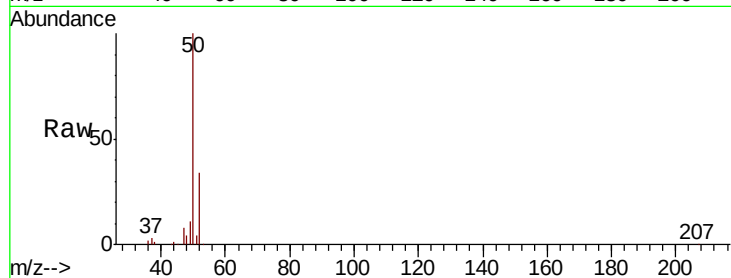
VSTDCCC050EC

Tot Ion: 50 Resp: 108403

Ion Ratio Lower Upper

50 100

52 33.8 26.0 39.0



#4

Vinyl Chloride

Concen: 56.971 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN061915.D

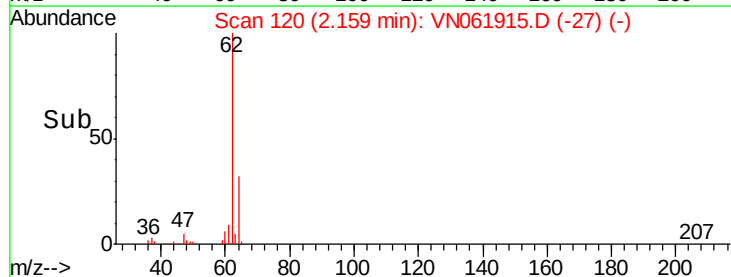
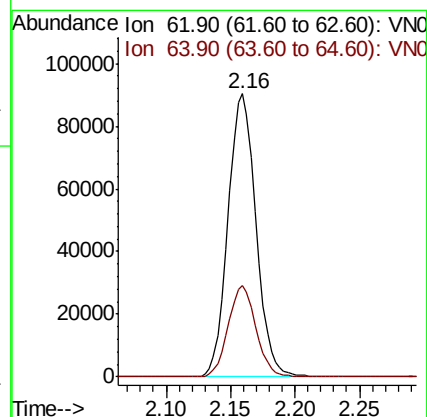
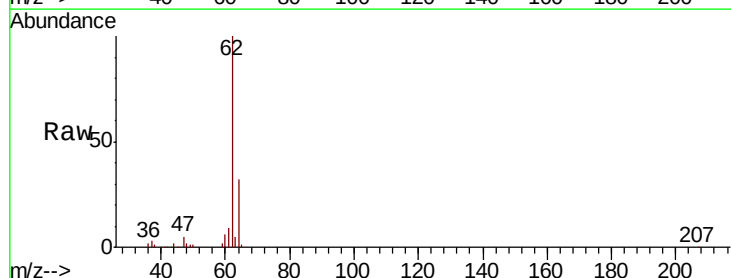
Acq: 18 Jun 2020 21:16

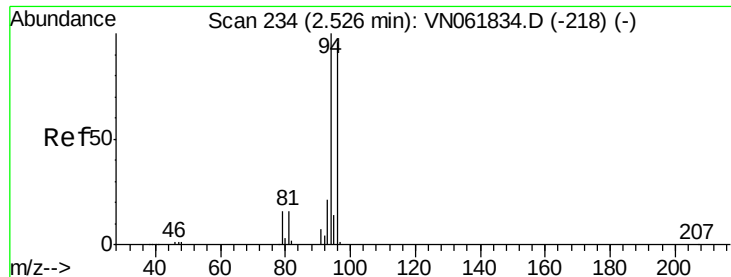
Tgt Ion: 62 Resp: 136021

Ion Ratio Lower Upper

62 100

64 32.4 25.5 38.3





#5

Bromomethane

Concen: 50.516 ug/l

RT: 2.52 min Scan# 233

Delta R.T. -0.00 min

Lab File: VN061915.D

Acq: 18 Jun 2020 21:16

Instrument :

MSVOA_N

ClientSampleId :

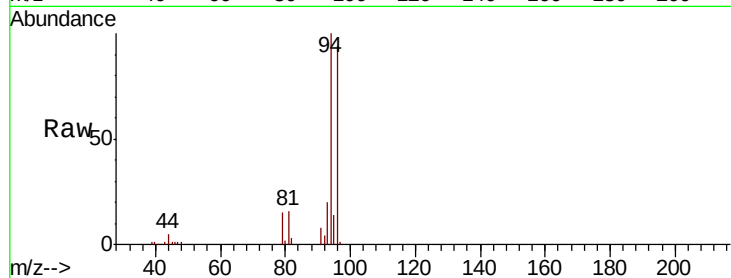
VSTDCCC050EC

Tot Ion: 94 Resp: 92620

Ion Ratio Lower Upper

94 100

96 94.5 76.7 115.1

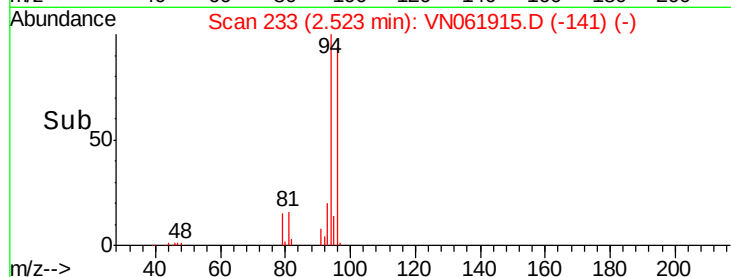


Abundance Ion 93.90 (93.60 to 94.60): VN061834.D (-218) (-)

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

2.52

Time-->

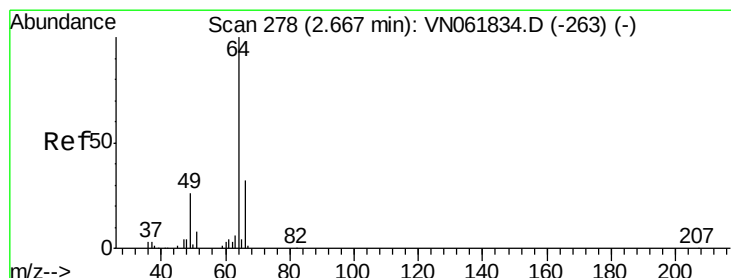


Abundance Ion 93.90 (93.60 to 94.60): VN061915.D (-141) (-)

Ion 95.90 (95.60 to 96.60): VN061915.D (-141) (-)

2.52

Time-->



#6

Chloroethane

Concen: 56.935 ug/l

RT: 2.66 min Scan# 277

Delta R.T. -0.00 min

Lab File: VN061915.D

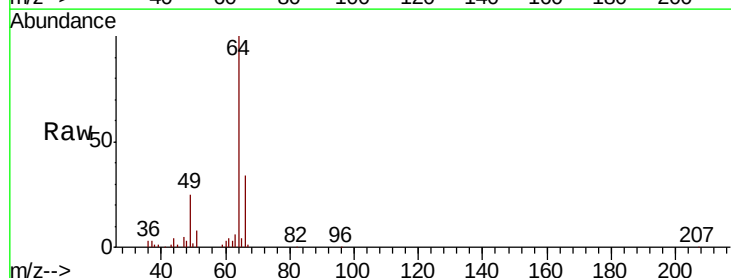
Acq: 18 Jun 2020 21:16

Tgt Ion: 64 Resp: 91999

Ion Ratio Lower Upper

64 100

66 33.6 25.4 38.2

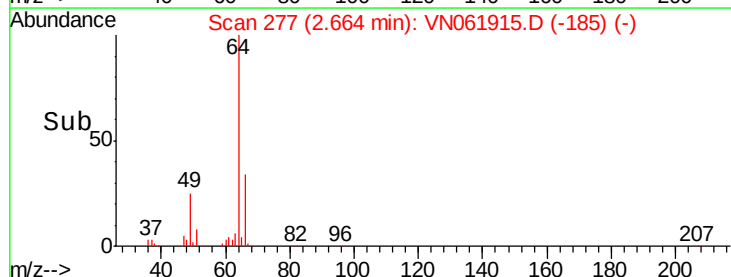


Abundance Ion 63.90 (63.60 to 64.60): VN061834.D (-263) (-)

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

2.66

Time-->

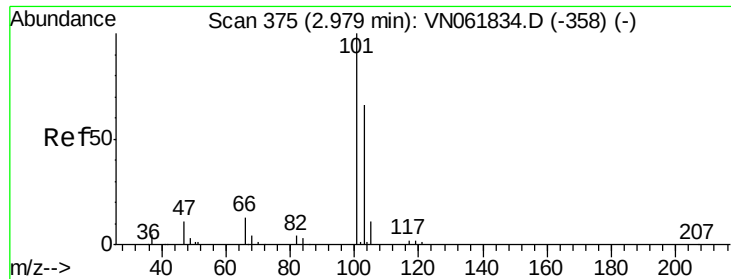


Abundance Ion 63.90 (63.60 to 64.60): VN061915.D (-185) (-)

Ion 65.90 (65.60 to 66.60): VN061915.D (-185) (-)

2.66

Time-->

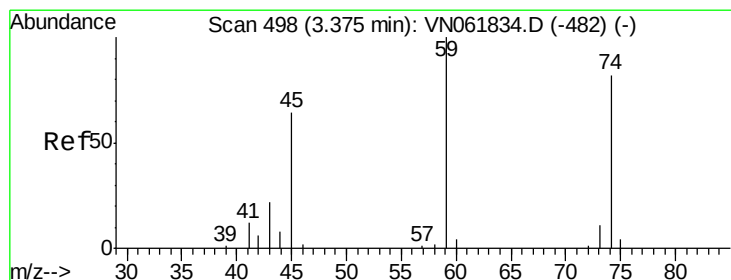
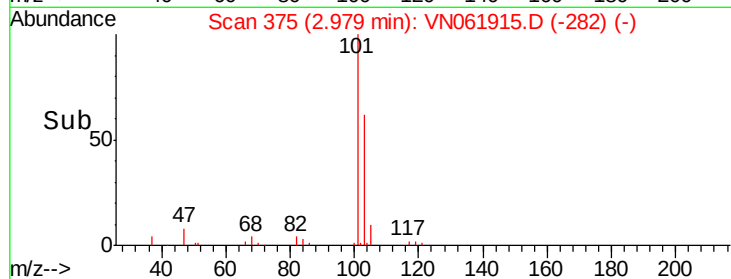
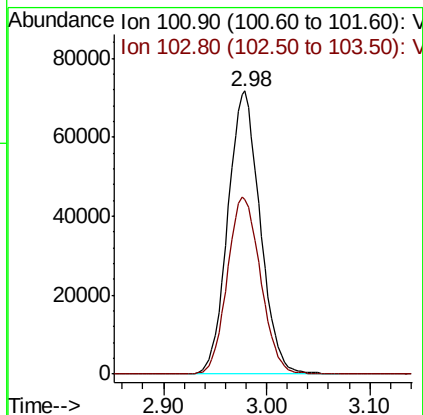
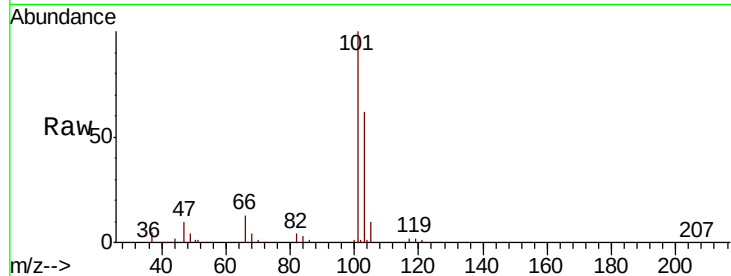


#7

Trichlorofluoromethane
 Concen: 54.784 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. -0.00 min
 Lab File: VN061915.D
 Acq: 18 Jun 2020 21:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

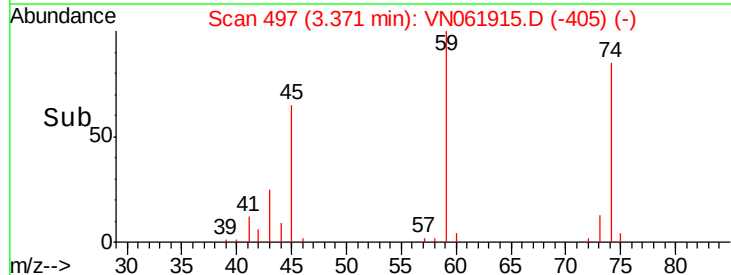
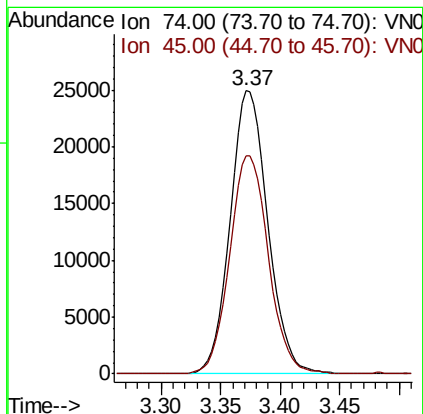
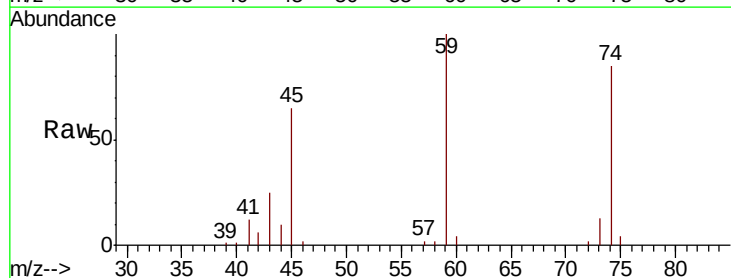
Tot Ion:101 Resp: 156238
 Ion Ratio Lower Upper
 101 100
 103 61.8 52.8 79.2

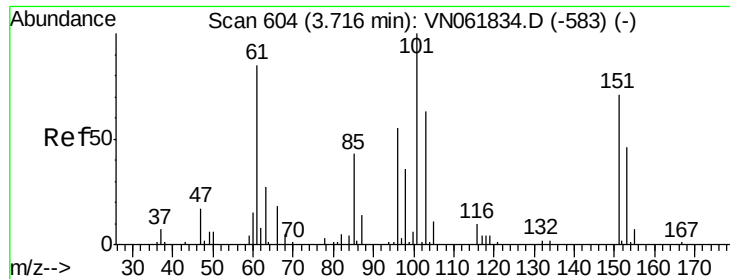


#8

Diethyl Ether
 Concen: 57.044 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: VN061915.D
 Acq: 18 Jun 2020 21:16

Tgt Ion: 74 Resp: 54692
 Ion Ratio Lower Upper
 74 100
 45 79.4 39.1 117.3

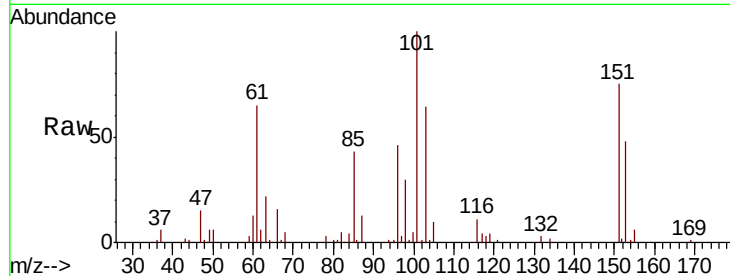




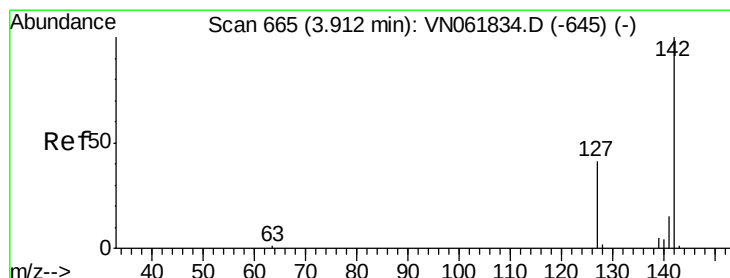
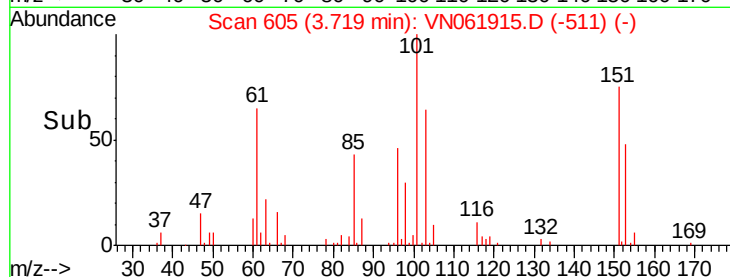
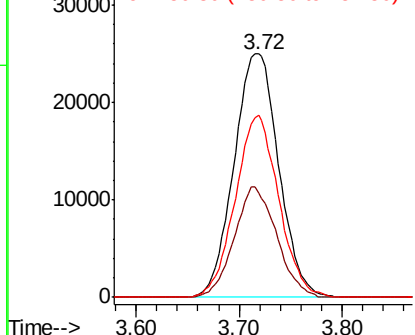
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 51.485 ug/l
 RT: 3.72 min Scan# 605
 Delta R.T. 0.00 min
 Lab File: VN061915.D
 Acq: 18 Jun 2020 21:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:101 Resp: 75329
 Ion Ratio Lower Upper
 101 100
 85 43.0 35.0 52.6
 151 72.7 59.2 88.8

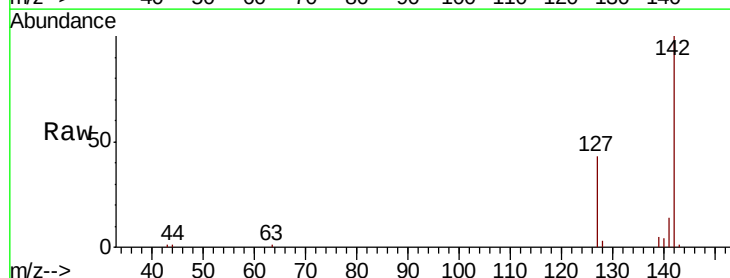


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): V
 Ion 150.80 (150.50 to 151.50): V

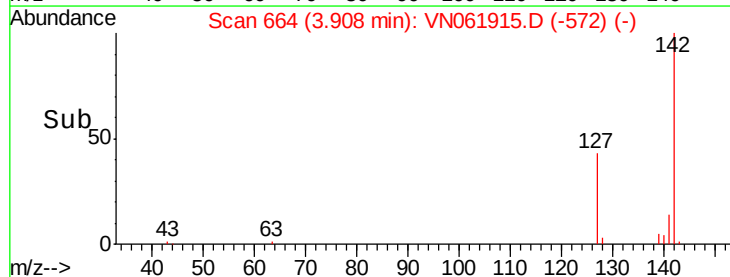
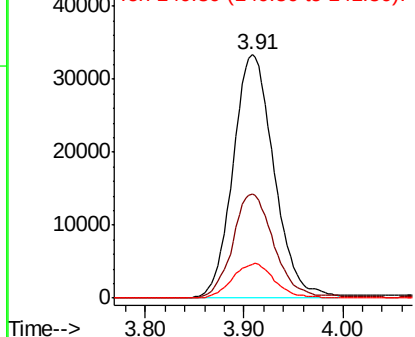


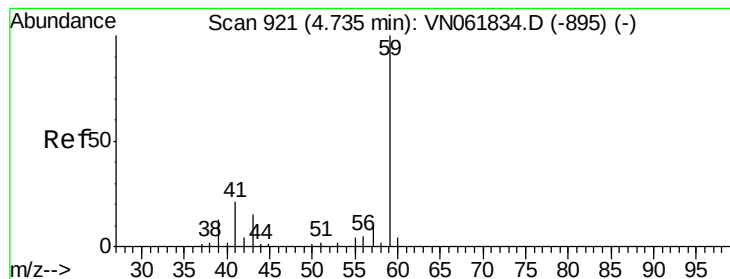
#10
 Methyl Iodide
 Concen: 54.095 ug/l
 RT: 3.91 min Scan# 664
 Delta R.T. -0.00 min
 Lab File: VN061915.D
 Acq: 18 Jun 2020 21:16

Tgt Ion:142 Resp: 96383
 Ion Ratio Lower Upper
 142 100
 127 42.8 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



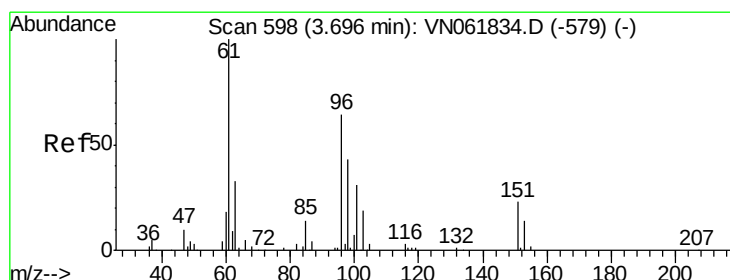
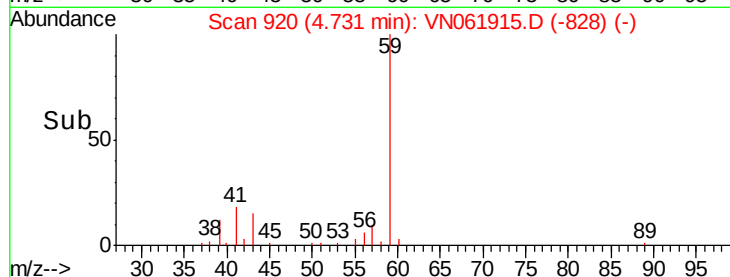
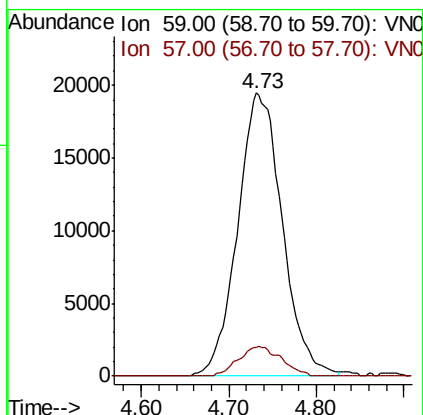
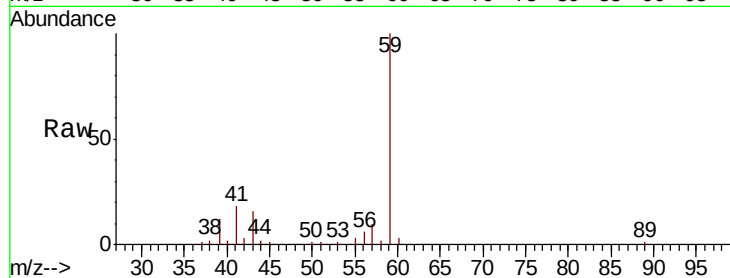


#11

Tert butyl alcohol
 Concen: 257.429 ug/l
 RT: 4.73 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VN061915.D
 Acq: 18 Jun 2020 21:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

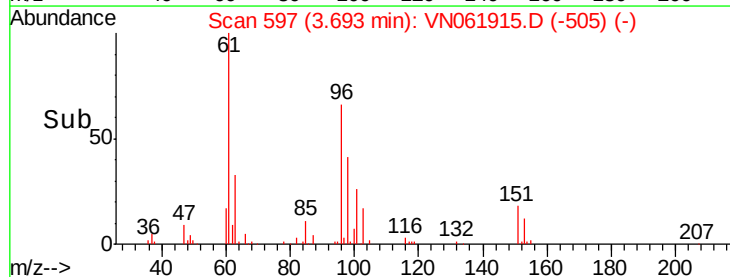
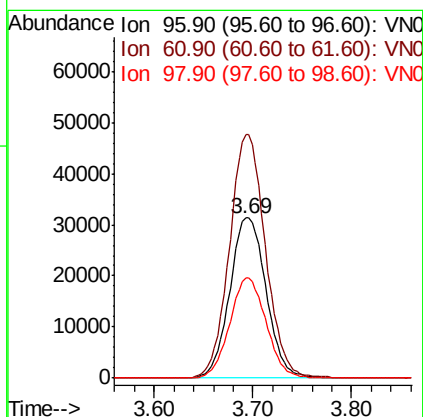
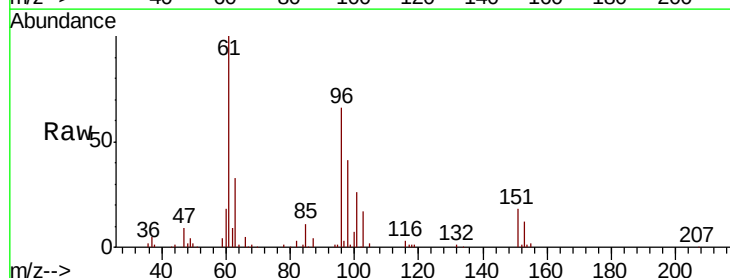
Tot Ion: 59 Resp: 68934
 Ion Ratio Lower Upper
 59 100
 57 10.0 7.7 11.5

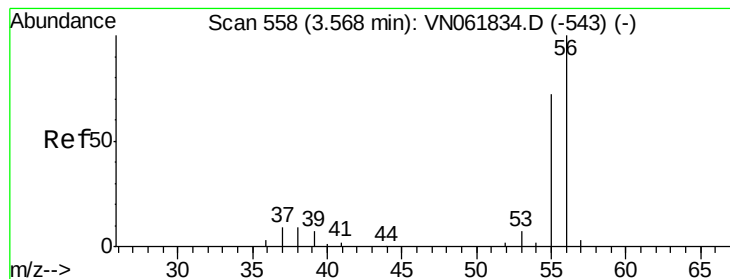


#12

1,1-Dichloroethene
 Concen: 54.900 ug/l
 RT: 3.69 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: VN061915.D
 Acq: 18 Jun 2020 21:16

Tgt Ion: 96 Resp: 80484
 Ion Ratio Lower Upper
 96 100
 61 151.9 124.3 186.5
 98 62.8 53.1 79.7





#13

Acrolein

Concen: 267.188 ug/l

RT: 3.57 min Scan# 558

Delta R.T. -0.00 min

Lab File: VN061915.D

Acq: 18 Jun 2020 21:16

Instrument :

MSVOA_N

ClientSampleId :

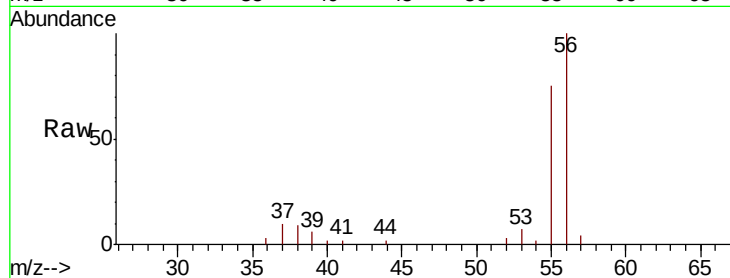
VSTDCCC050EC

Tot Ion: 56 Resp: 42762

Ion Ratio Lower Upper

56 100

55 71.6 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) (-)

20000

15000

10000

5000

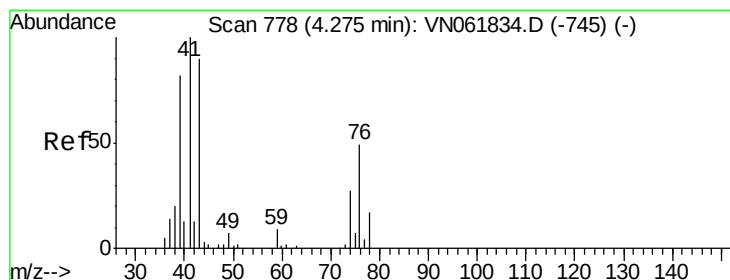
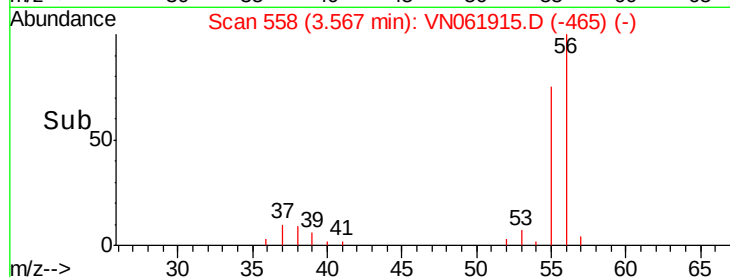
0

3.50

3.60

3.70

Time-->



#14

Allyl chloride

Concen: 53.052 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN061915.D

Acq: 18 Jun 2020 21:16

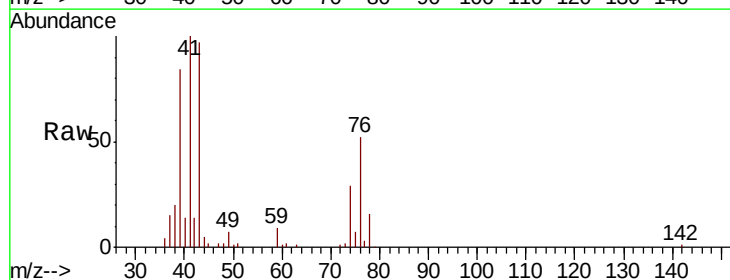
Tgt Ion: 41 Resp: 103225

Ion Ratio Lower Upper

41 100

39 76.9 60.2 90.2

76 46.0 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) (-)

40000

30000

20000

10000

0

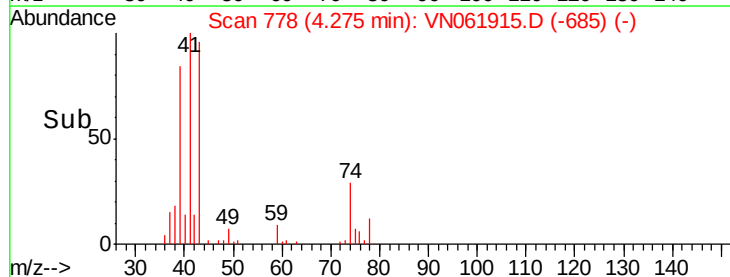
4.10

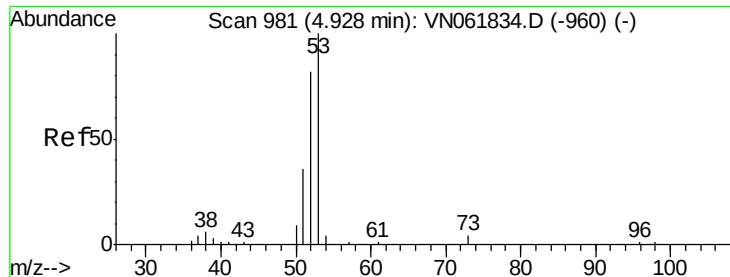
4.20

4.30

4.40

Time-->





#15

Acrylonitrile

Concen: 292.121 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN061915.D

Acq: 18 Jun 2020 21:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

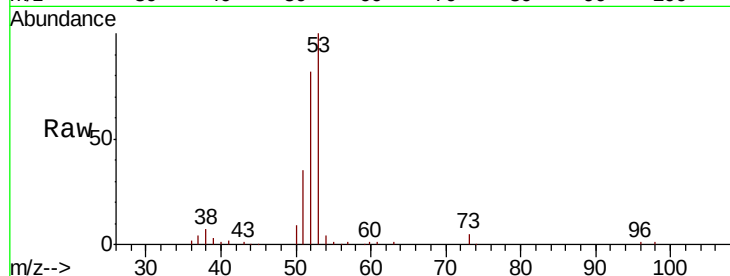
Tot Ion: 53 Resp: 193826

Ion Ratio Lower Upper

53 100

52 81.4 65.2 97.8

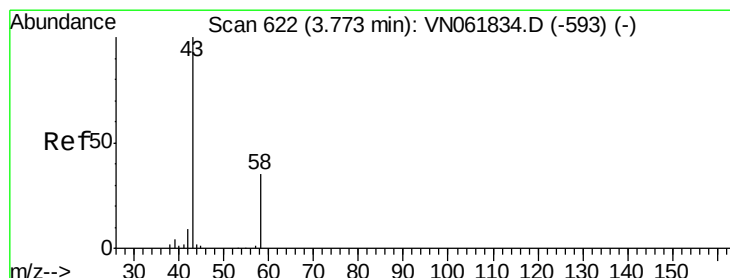
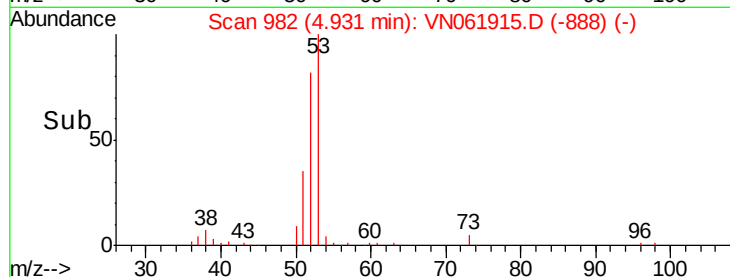
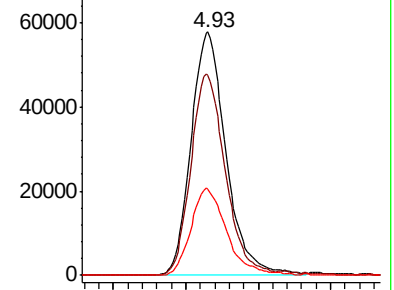
51 36.0 29.3 43.9



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: 256.499 ug/l

RT: 3.77 min Scan# 622

Delta R.T. -0.00 min

Lab File: VN061915.D

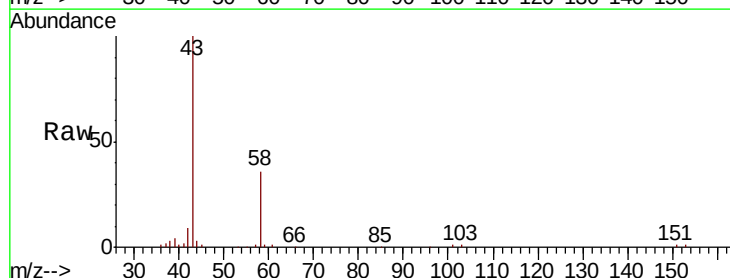
Acq: 18 Jun 2020 21:16

Tgt Ion: 43 Resp: 146613

Ion Ratio Lower Upper

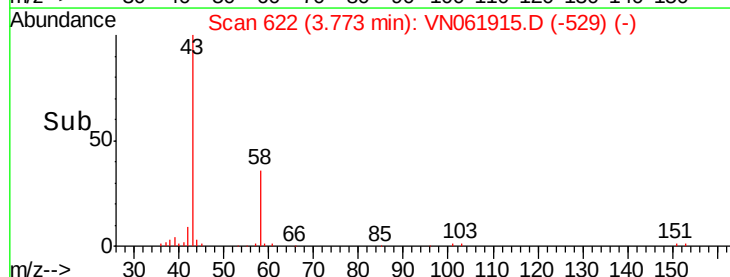
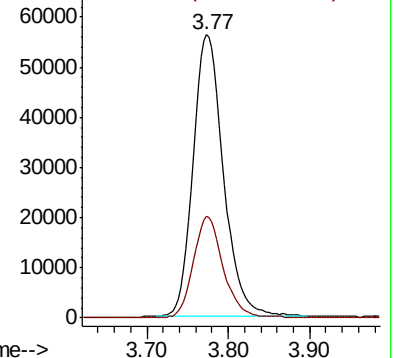
43 100

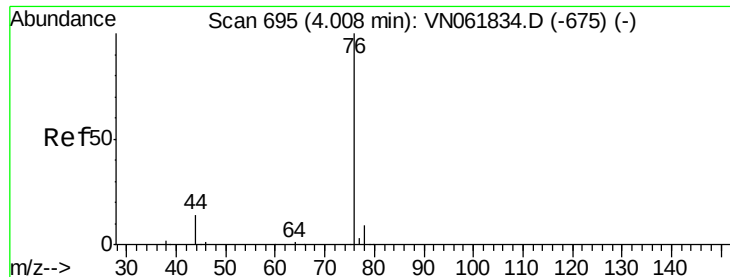
58 36.0 27.8 41.8



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

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

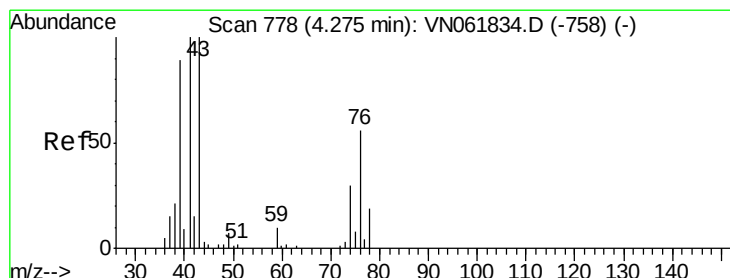
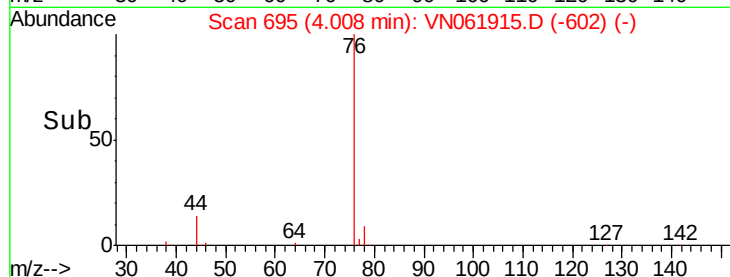
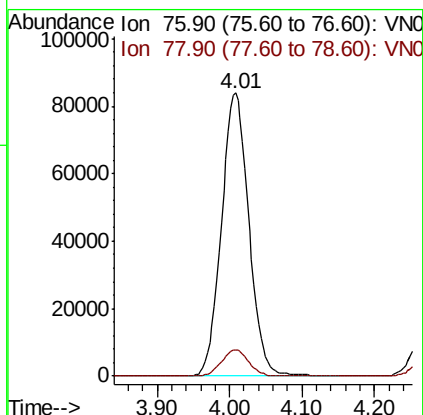
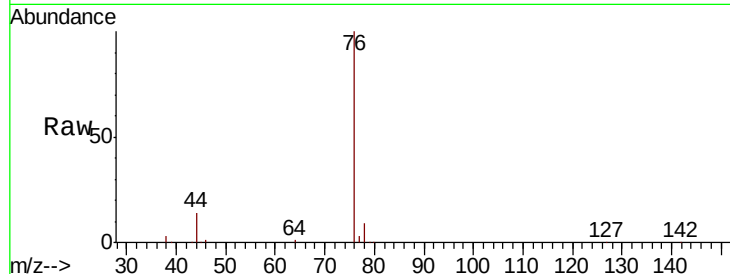




#17
Carbon Disulfide
Concen: 51.307 ug/l
RT: 4.01 min Scan# 695
Delta R.T. -0.00 min
Lab File: VN061915.D
Acq: 18 Jun 2020 21:16

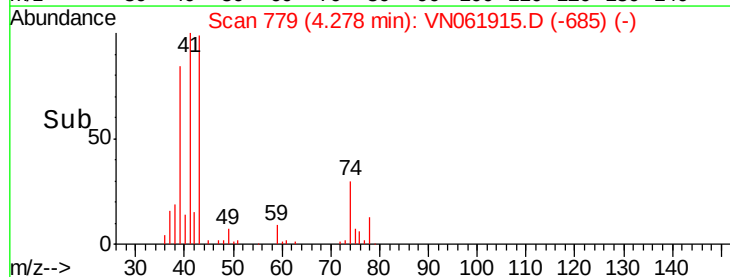
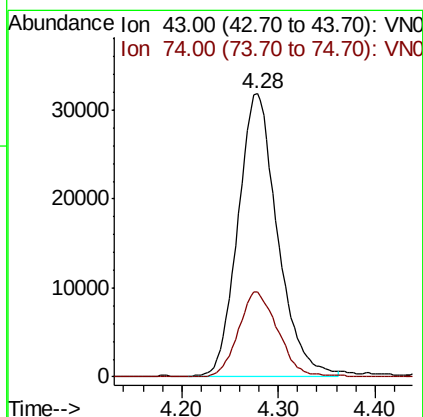
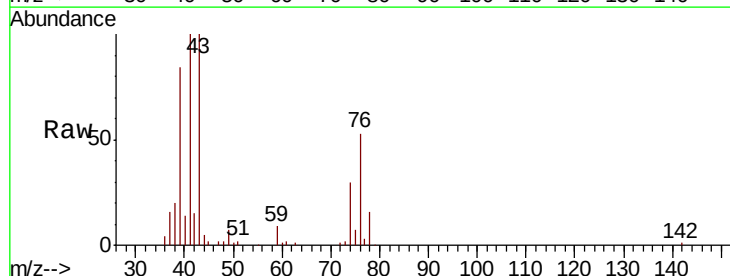
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

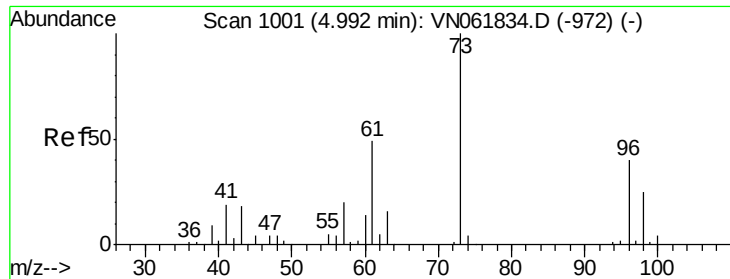
Tot Ion: 76 Resp: 220085
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9



#18
Methyl Acetate
Concen: 55.119 ug/l
RT: 4.28 min Scan# 779
Delta R.T. 0.00 min
Lab File: VN061915.D
Acq: 18 Jun 2020 21:16

Tgt Ion: 43 Resp: 90705
Ion Ratio Lower Upper
43 100
74 29.9 23.0 34.4

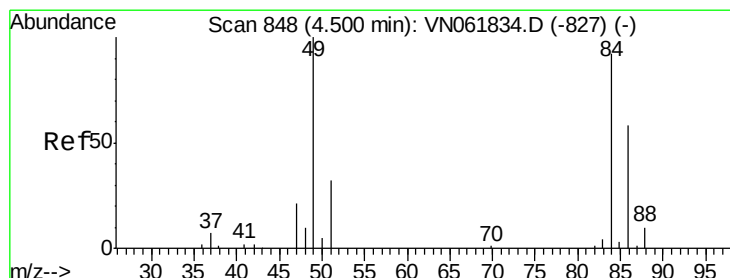
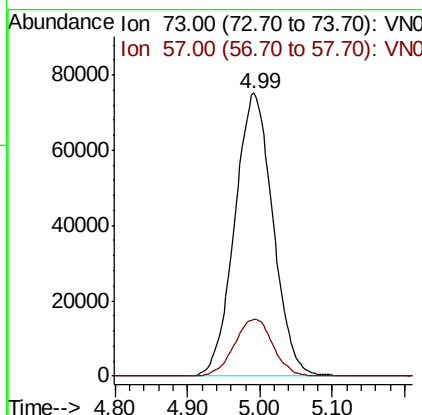
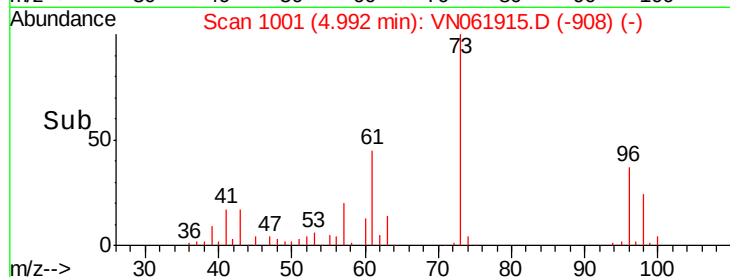
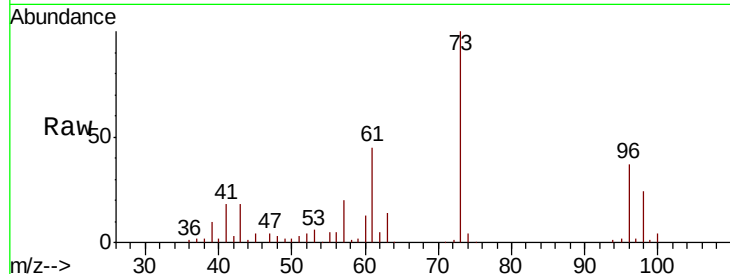




#19
Methyl tert-butyl Ether
Concen: 56.415 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VN061915.D
Acq: 18 Jun 2020 21:16

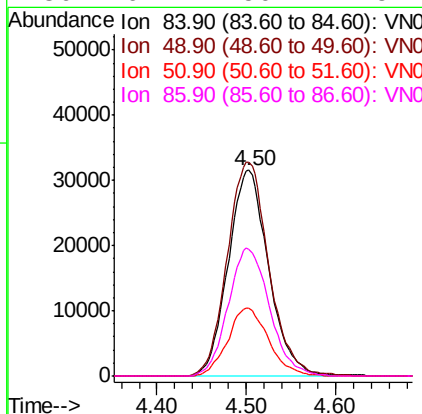
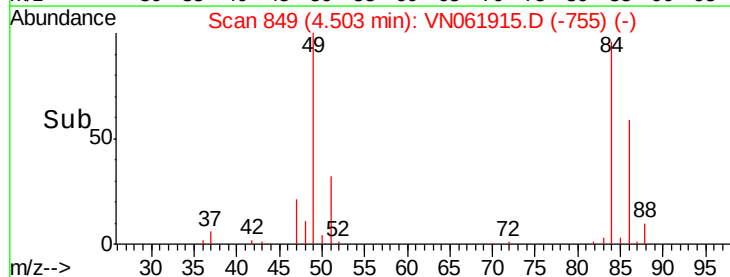
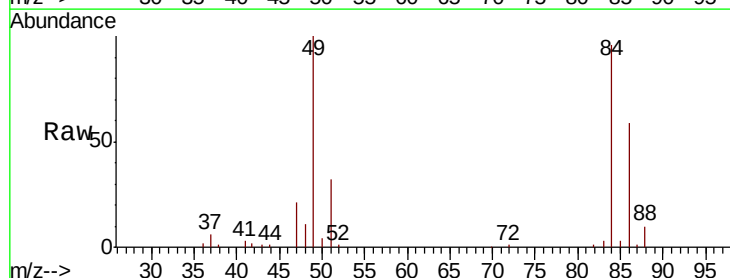
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

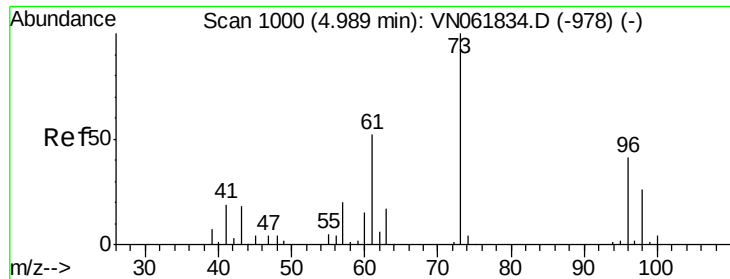
Tot Ion: 73 Resp: 275376
Ion Ratio Lower Upper
73 100
57 19.9 16.2 24.4



#20
Methylene Chloride
Concen: 53.366 ug/l
RT: 4.50 min Scan# 848
Delta R.T. 0.00 min
Lab File: VN061915.D
Acq: 18 Jun 2020 21:16

Tgt Ion: 84 Resp: 99380
Ion Ratio Lower Upper
84 100
49 103.7 87.0 130.4
51 32.9 27.8 41.6
86 61.7 50.2 75.2

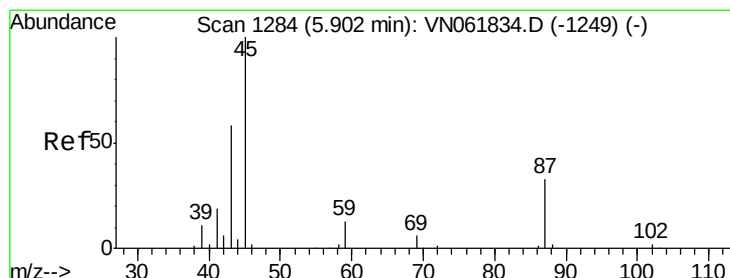
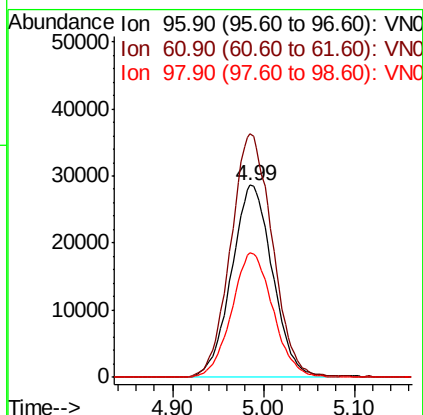
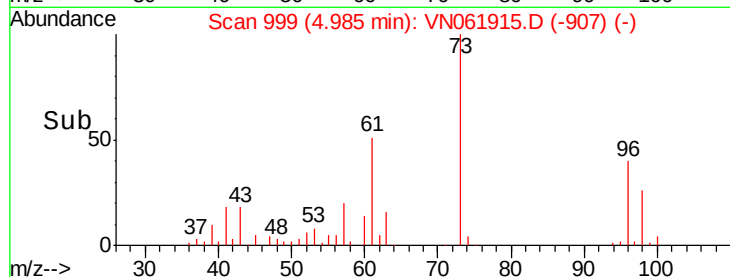
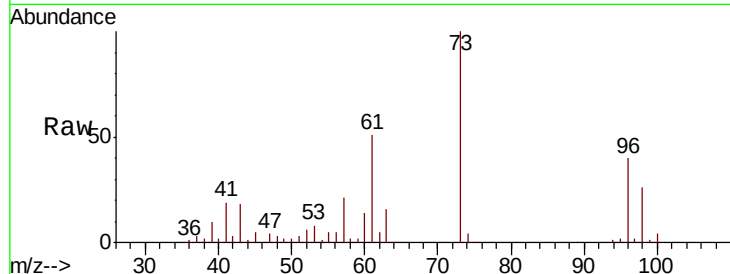




#21
trans-1,2-Dichloroethene
Concen: 53.428 ug/l
RT: 4.99 min Scan# 999
Delta R.T. -0.00 min
Lab File: VN061915.D
Acq: 18 Jun 2020 21:16

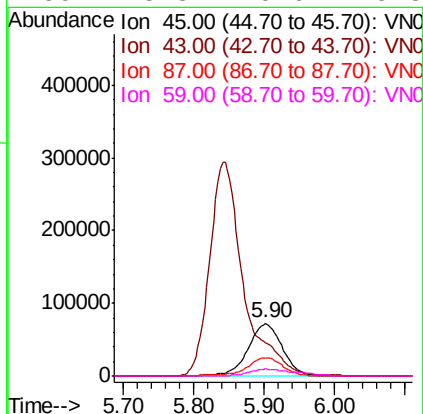
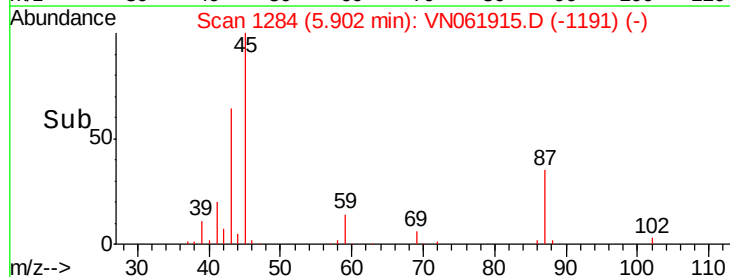
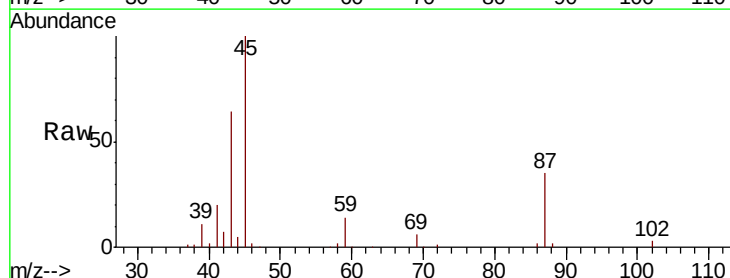
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

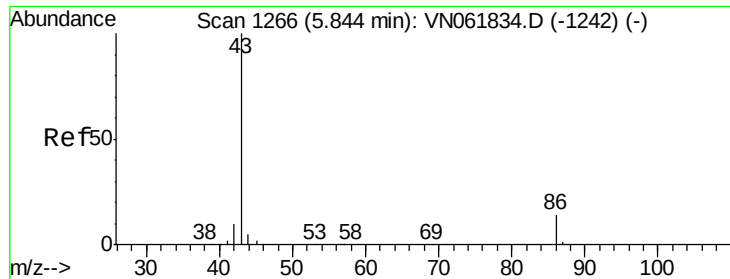
Tot Ion: 96 Resp: 89968
Ion Ratio Lower Upper
96 100
61 126.6 102.2 153.4
98 64.6 51.2 76.8



#22
Diisopropyl ether
Concen: 54.868 ug/l
RT: 5.90 min Scan# 1284
Delta R.T. -0.00 min
Lab File: VN061915.D
Acq: 18 Jun 2020 21:16

Tgt Ion: 45 Resp: 244160
Ion Ratio Lower Upper
45 100
43 62.0 49.4 74.2
87 34.6 27.4 41.0
59 13.3 10.6 15.8





#23

Vinyl Acetate

Concen: 281.559 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. -0.00 min

Lab File: VN061915.D

Acq: 18 Jun 2020 21:16

Instrument :

MSVOA_N

ClientSampleId :

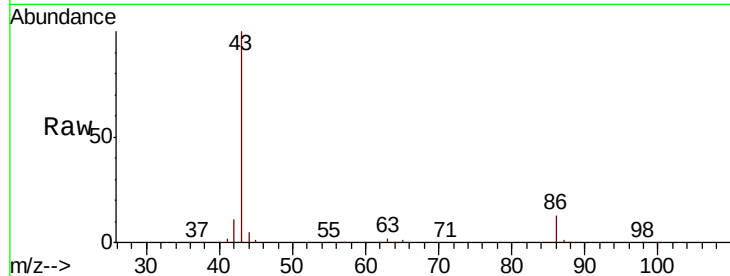
VSTDCCC050EC

Tot Ion: 43 Resp: 985440

Ion Ratio Lower Upper

43 100

86 13.4 10.9 16.3



Abundance Ion 43.00 (42.70 to 43.70): VN061834.D (-1242) (-)

Ion 86.00 (85.70 to 86.70): VN061834.D (-1242) (-)

5.84

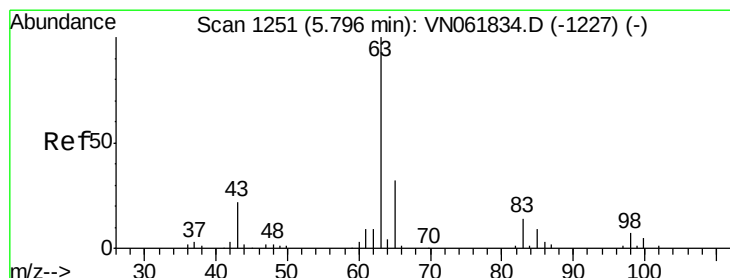
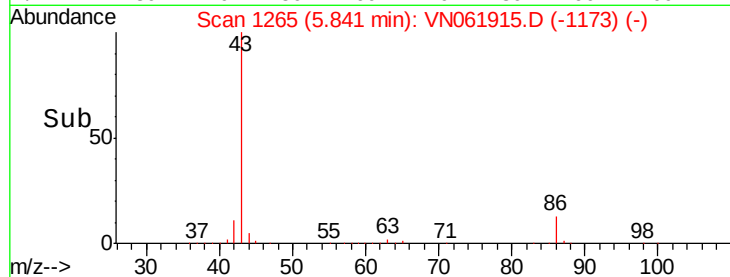
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 54.666 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN061915.D

Acq: 18 Jun 2020 21:16

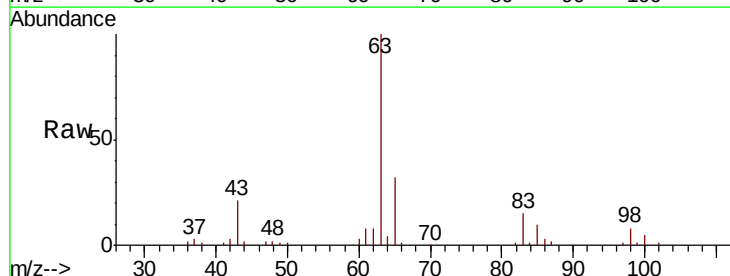
Tgt Ion: 63 Resp: 159243

Ion Ratio Lower Upper

63 100

98 7.9 3.5 10.4

100 5.0 2.5 7.4



Abundance Ion 62.90 (62.60 to 63.60): VN061834.D (-1227) (-)

Ion 97.90 (97.60 to 98.60): VN061834.D (-1227) (-)

Ion 99.90 (99.60 to 100.60): VN061834.D (-1227) (-)

5.80

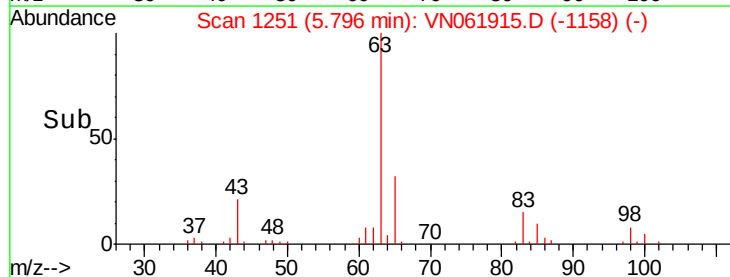
60000

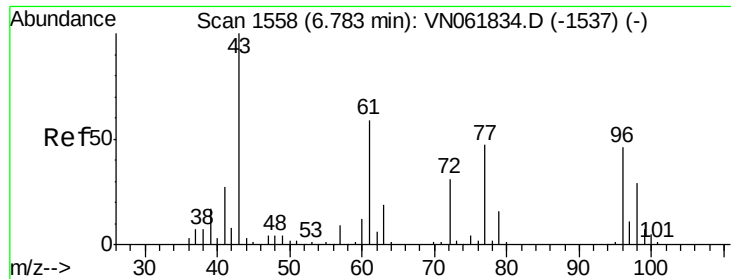
40000

20000

0

Time-->

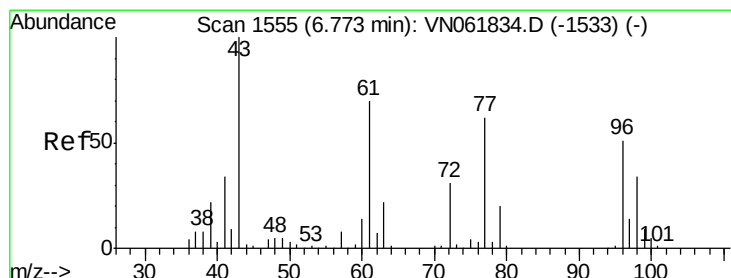
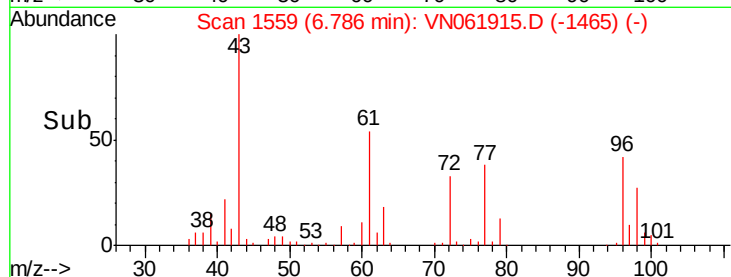
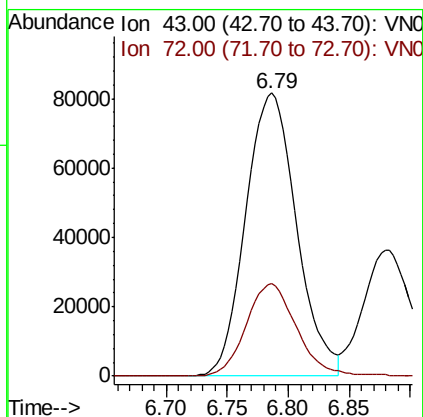
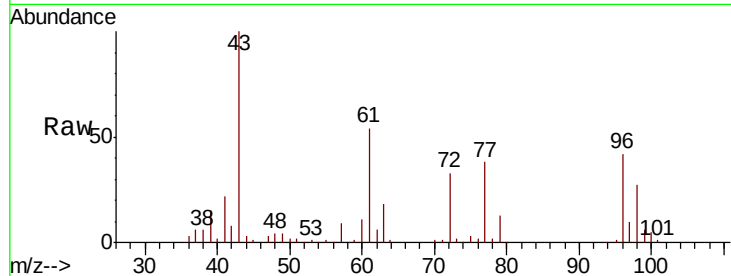




#25
2-Butanone
Concen: 283.516 ug/l
RT: 6.79 min Scan# 1559
Delta R.T. 0.00 min
Lab File: VN061915.D
Acq: 18 Jun 2020 21:16

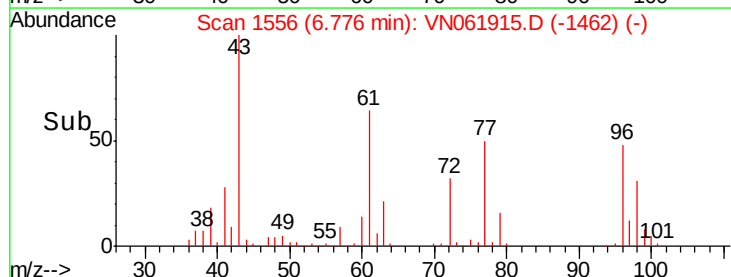
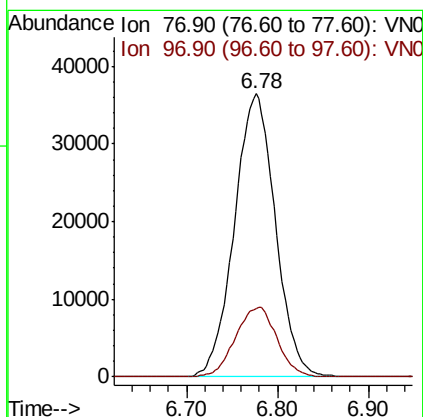
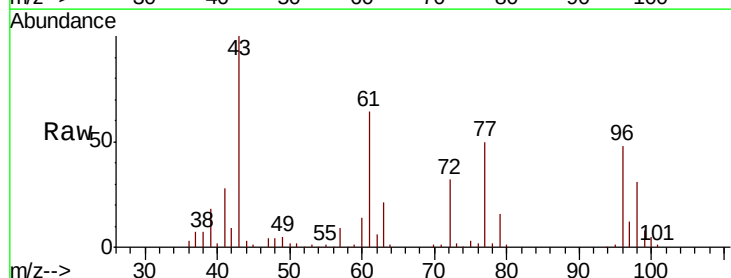
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

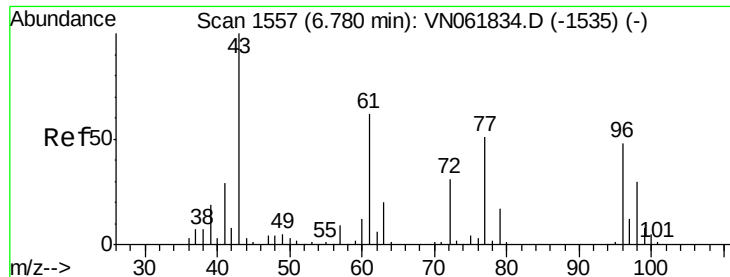
Tot Ion: 43 Resp: 236440
Ion Ratio Lower Upper
43 100
72 32.7 24.6 37.0



#26
2,2-Dichloropropane
Concen: 46.456 ug/l
RT: 6.78 min Scan# 1556
Delta R.T. 0.00 min
Lab File: VN061915.D
Acq: 18 Jun 2020 21:16

Tgt Ion: 77 Resp: 113854
Ion Ratio Lower Upper
77 100
97 24.9 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 54.210 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. -0.00 min

Lab File: VN061915.D

Acq: 18 Jun 2020 21:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

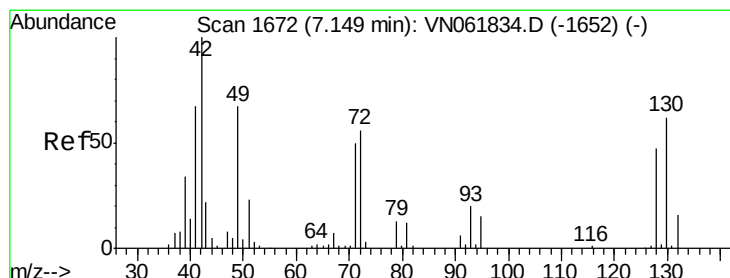
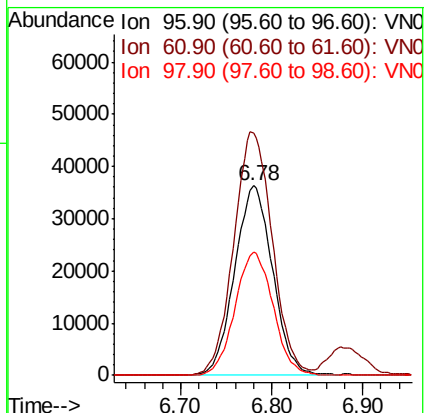
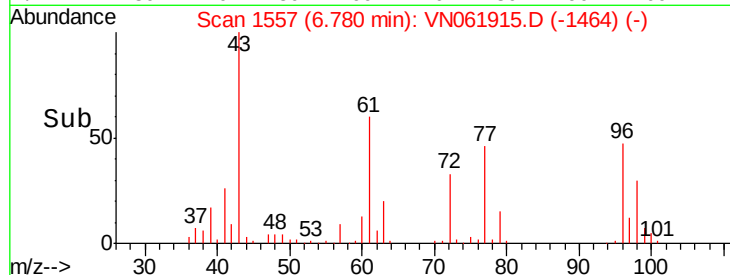
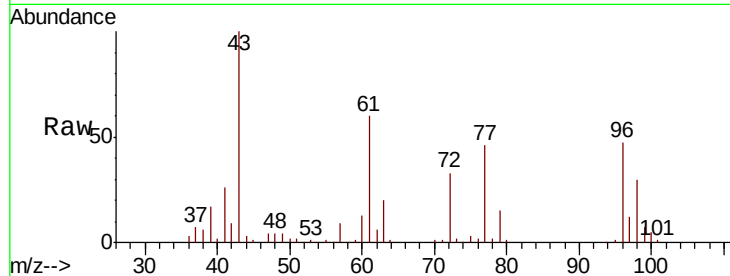
Tot Ion: 96 Resp: 105329

Ion Ratio Lower Upper

96 100

61 130.6 0.0 265.6

98 65.1 0.0 128.2



#28

Bromochloromethane

Concen: 52.294 ug/l

RT: 7.15 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VN061915.D

Acq: 18 Jun 2020 21:16

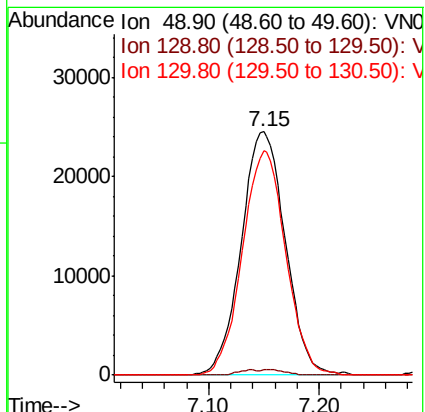
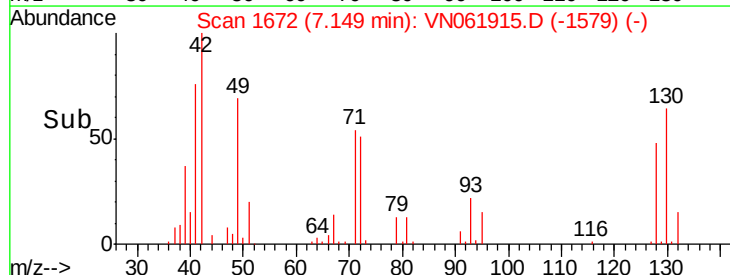
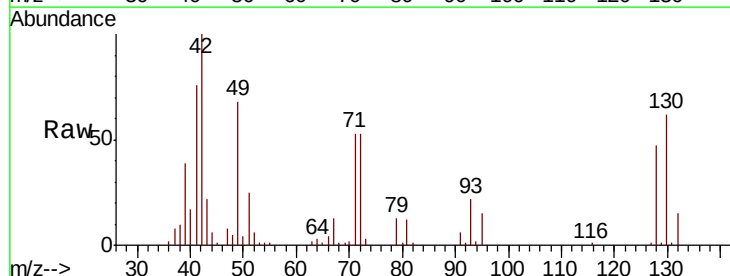
Tgt Ion: 49 Resp: 67827

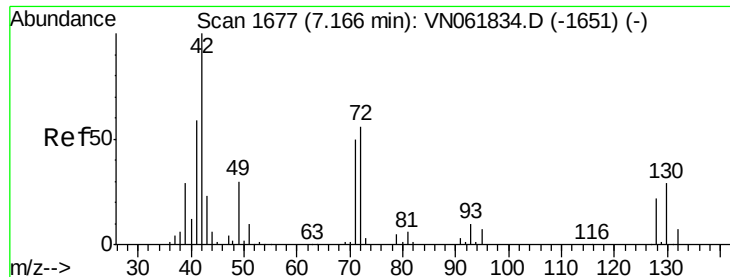
Ion Ratio Lower Upper

49 100

129 1.0 0.0 4.0

130 90.6 72.2 108.2

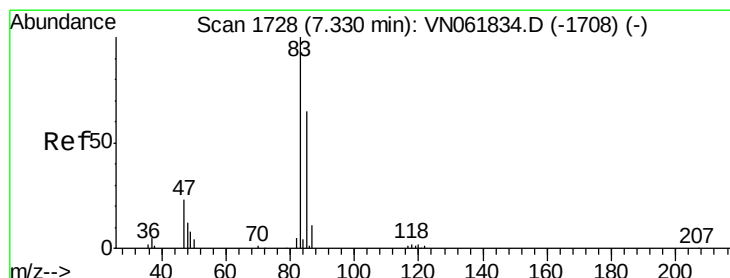
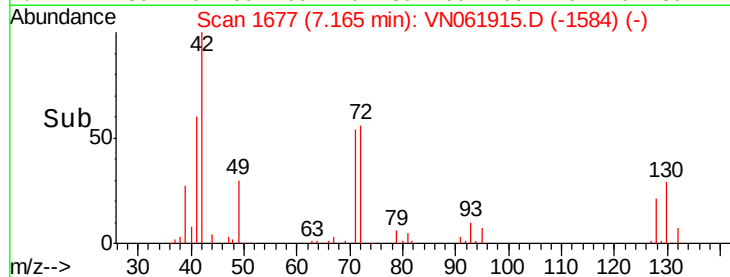
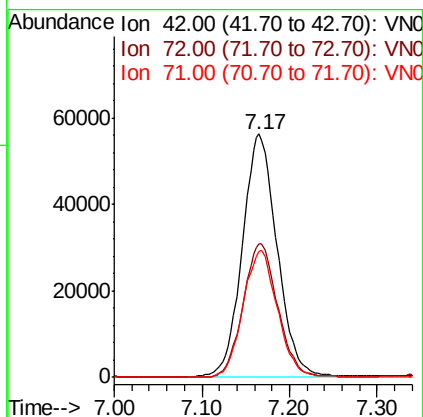
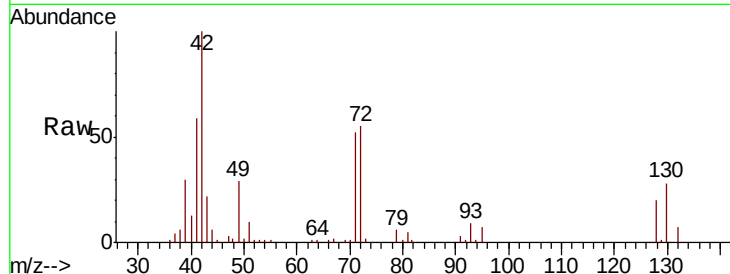




#29
Tetrahydrofuran
Concen: 283.658 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN061915.D
Acq: 18 Jun 2020 21:16

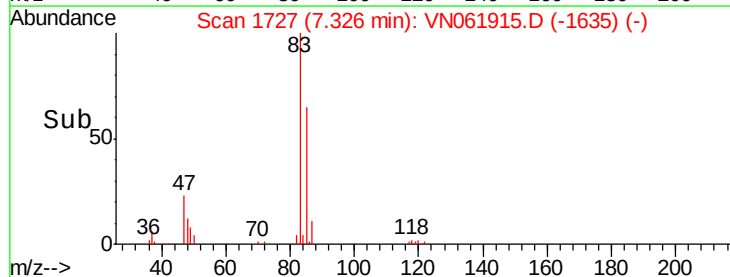
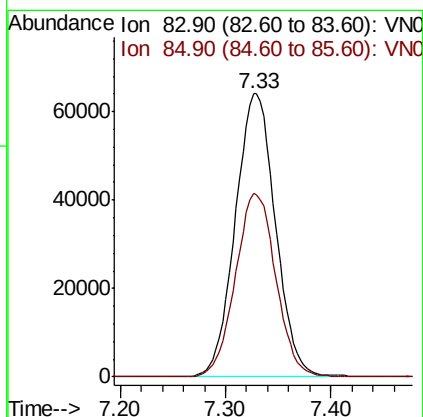
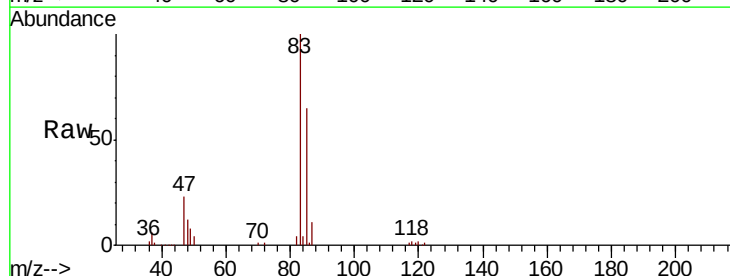
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

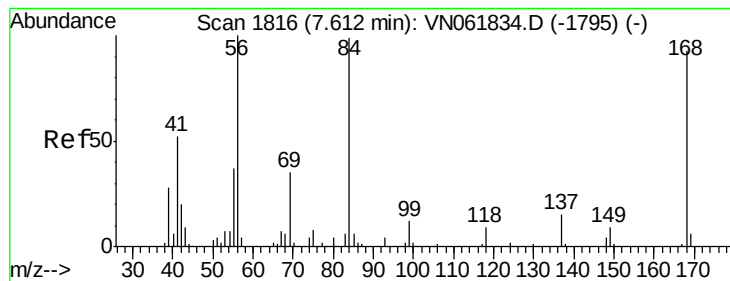
Tot Ion	Ratio	Lower	Upper
42	100		
72	54.6	44.0	66.0
71	51.5	40.0	60.0



#30
Chloroform
Concen: 54.390 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN061915.D
Acq: 18 Jun 2020 21:16

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.8	52.0	78.0





#31

Cyclohexane

Concen: 46.065 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VN061915.D

Acq: 18 Jun 2020 21:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

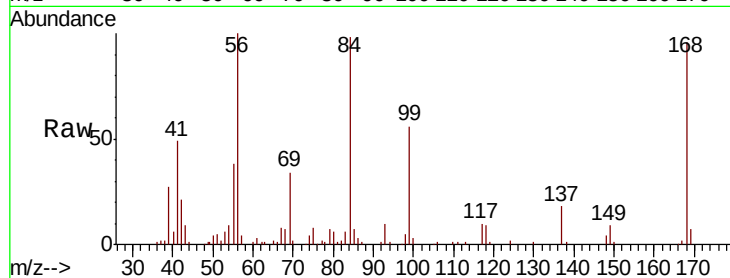
Tot Ion: 56 Resp: 117471

Ion Ratio Lower Upper

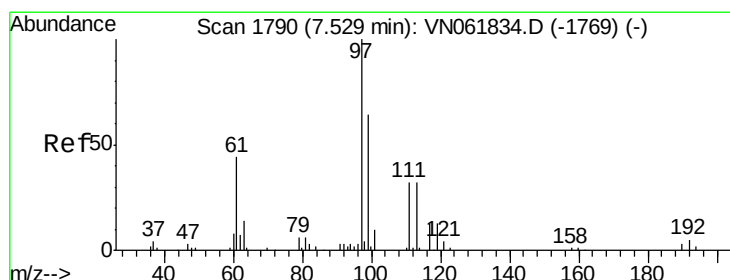
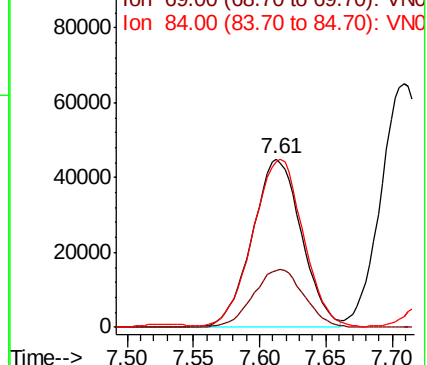
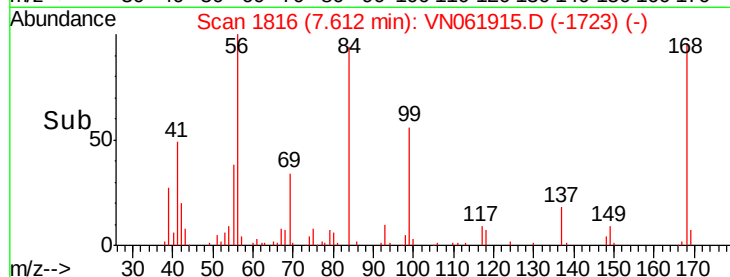
56 100

69 33.8 27.7 41.5

84 97.5 79.1 118.7



Abundance Ion 56.00 (55.70 to 56.70): VN061915.D (-1723) (-)



#32

1,1,1-Trichloroethane

Concen: 54.280 ug/l

RT: 7.53 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VN061915.D

Acq: 18 Jun 2020 21:16

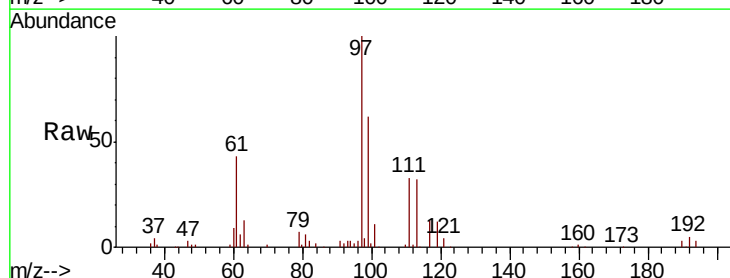
Tgt Ion: 97 Resp: 143917

Ion Ratio Lower Upper

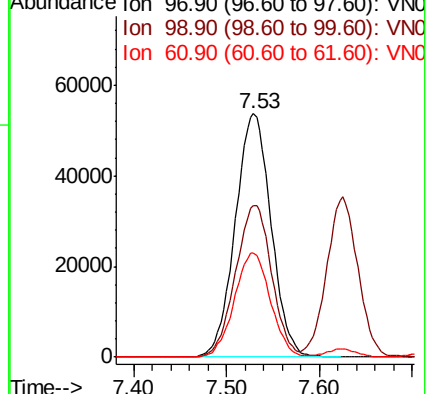
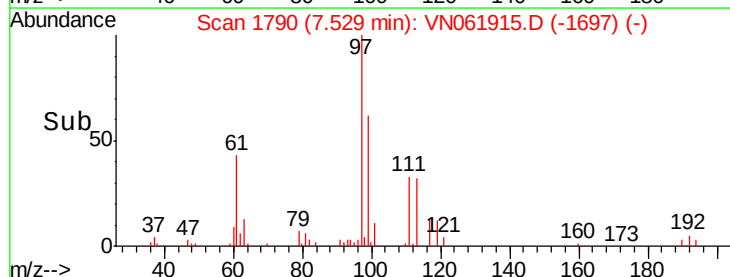
97 100

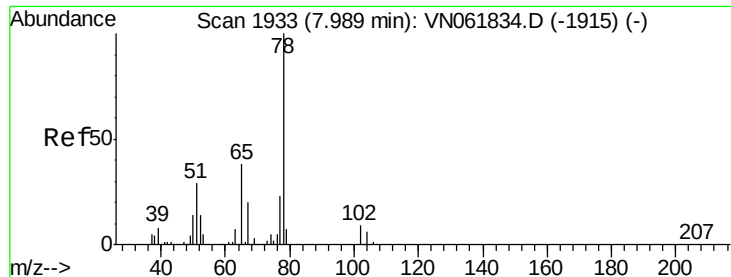
99 62.7 51.5 77.3

61 43.0 35.1 52.7



Abundance Ion 96.90 (96.60 to 97.60): VN061915.D (-1697) (-)

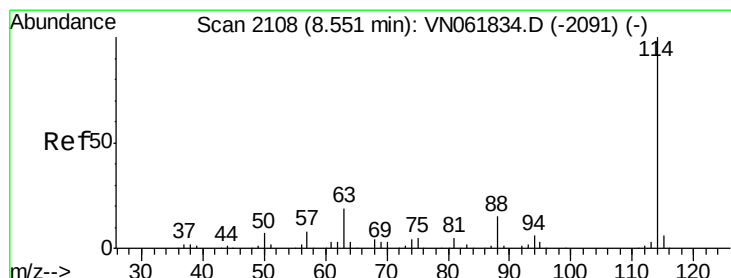
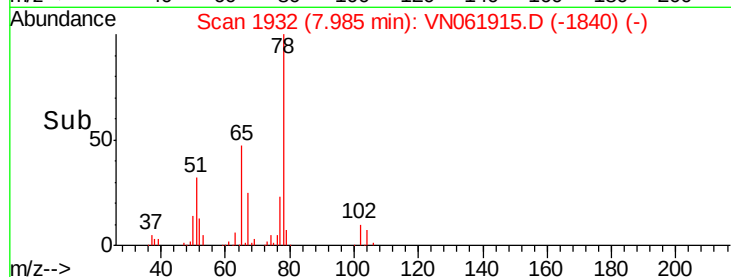
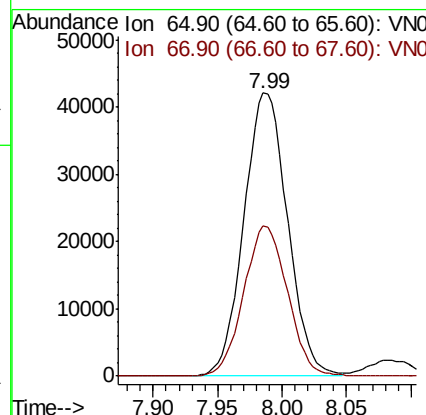
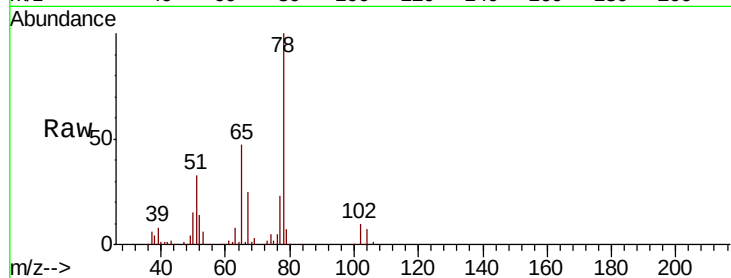




#33
 1,2-Dichloroethane-d4
 Concen: 51.465 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN061915.D
 Acq: 18 Jun 2020 21:16

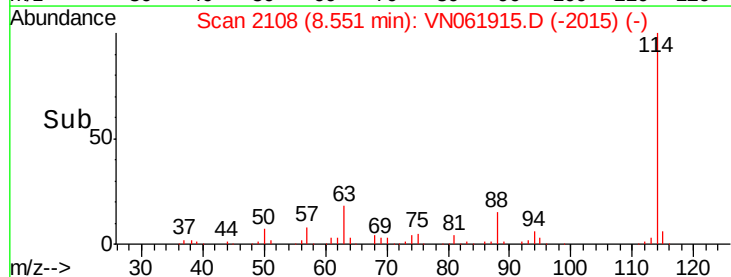
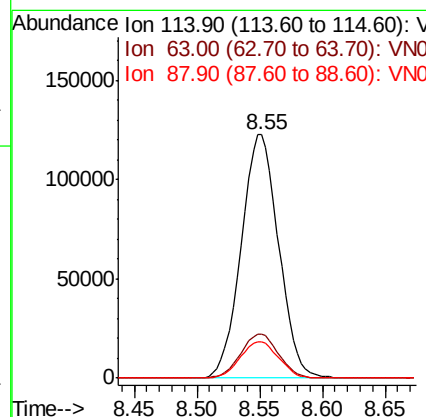
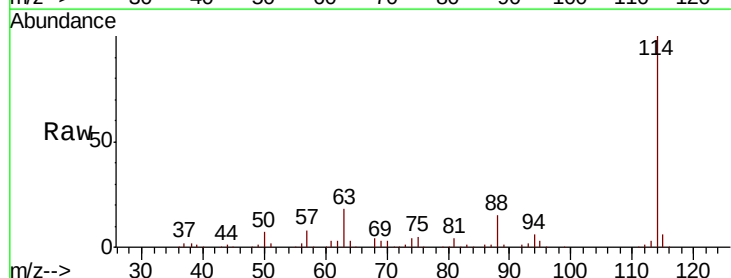
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

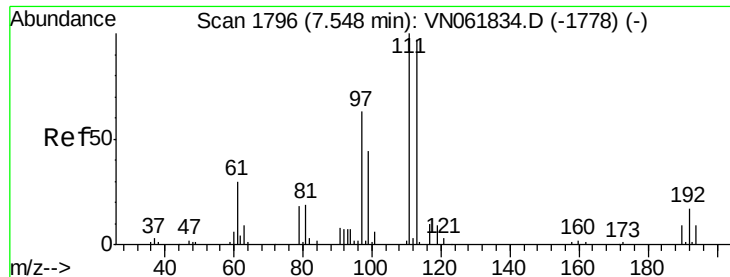
Tot Ion: 65 Resp: 99589
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN061915.D
 Acq: 18 Jun 2020 21:16

Tgt Ion: 114 Resp: 254514
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 37.6
 88 15.0 0.0 31.0

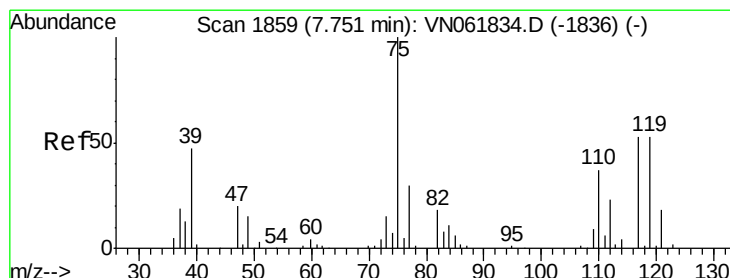
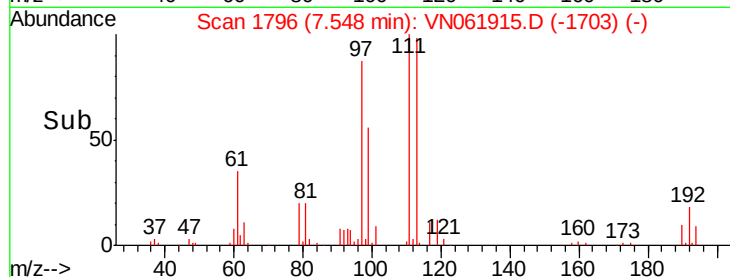
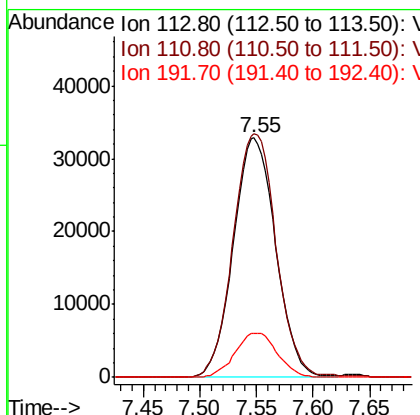
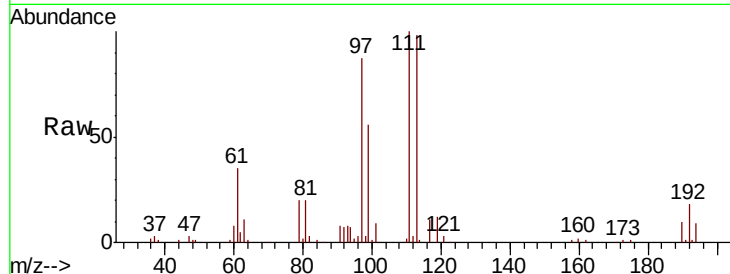




#35
 Dibromofluoromethane
 Concen: 52.402 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN061915.D
 Acq: 18 Jun 2020 21:16

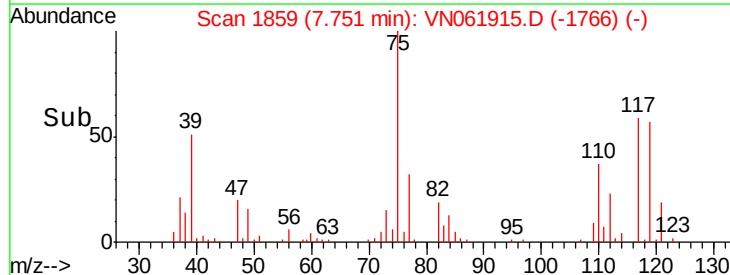
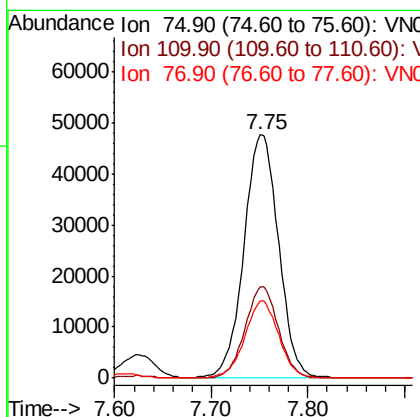
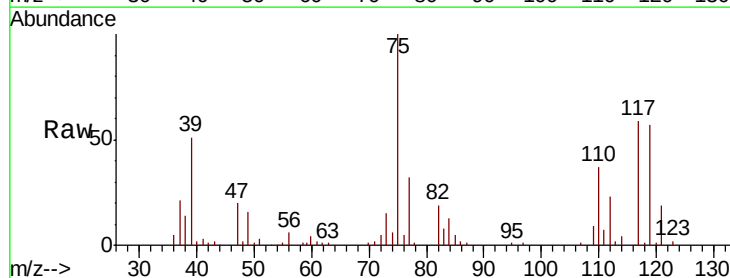
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

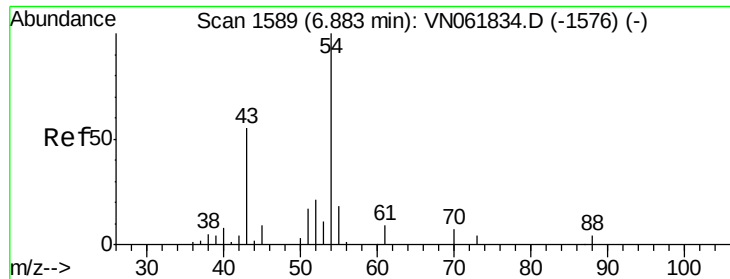
Tot Ion:113 Resp: 85323
 Ion Ratio Lower Upper
 113 100
 111 103.3 83.7 125.5
 192 18.5 13.9 20.9



#36
 1,1-Dichloropropene
 Concen: 51.272 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN061915.D
 Acq: 18 Jun 2020 21:16

Tgt Ion: 75 Resp: 119025
 Ion Ratio Lower Upper
 75 100
 110 36.0 18.2 54.6
 77 31.0 24.2 36.4

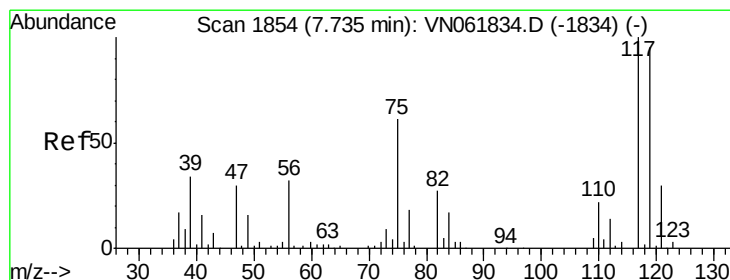
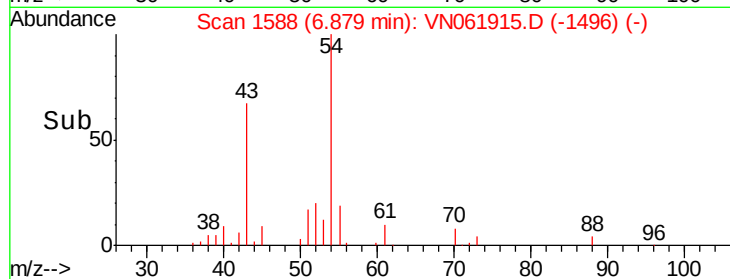
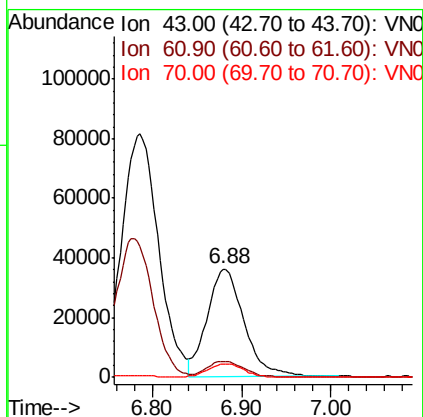
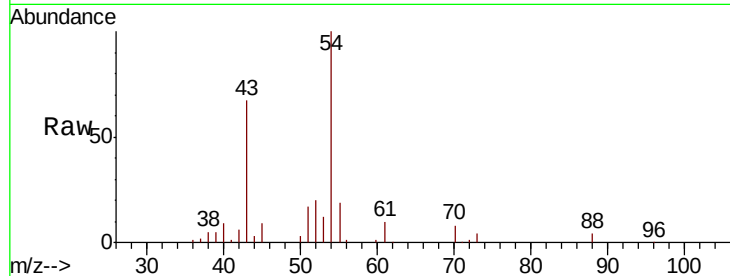




#37
Ethyl Acetate
Concen: 57.115 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.00 min
Lab File: VN061915.D
Acq: 18 Jun 2020 21:16

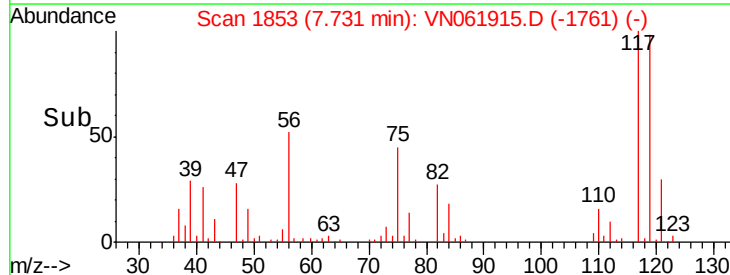
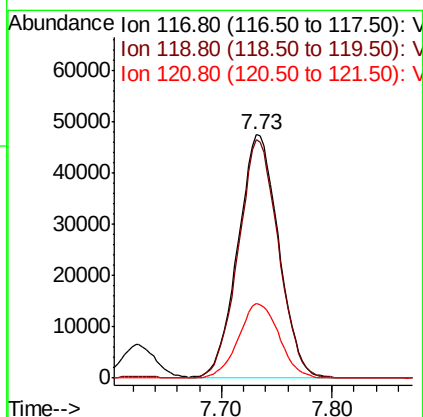
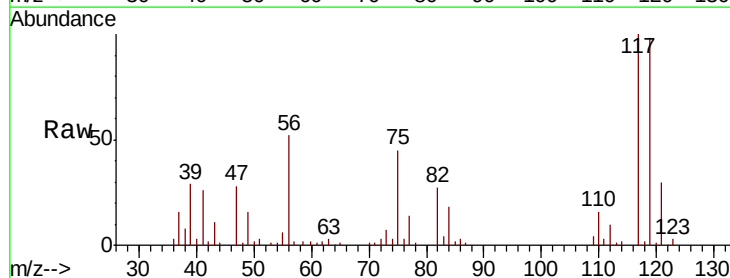
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

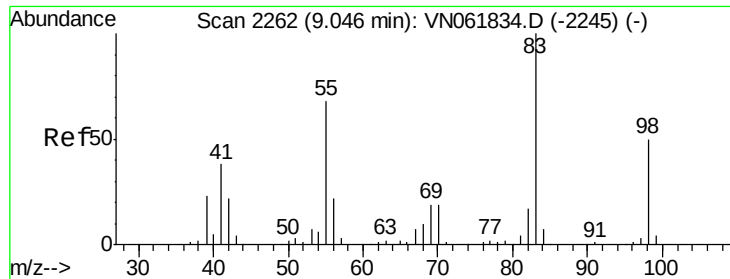
Tot Ion: 43 Resp: 103540
Ion Ratio Lower Upper
43 100
61 14.1 13.0 19.4
70 12.3 9.4 14.2



#38
Carbon Tetrachloride
Concen: 52.711 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN061915.D
Acq: 18 Jun 2020 21:16

Tgt Ion: 117 Resp: 121177
Ion Ratio Lower Upper
117 100
119 97.7 75.8 113.6
121 30.4 23.8 35.6

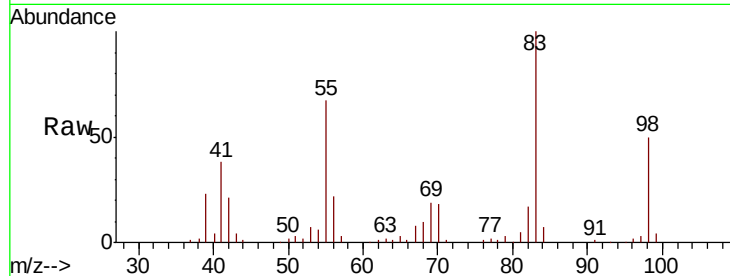




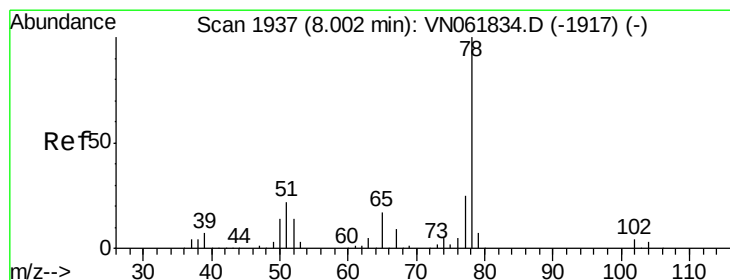
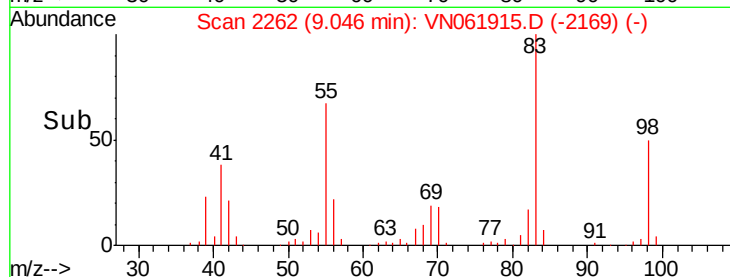
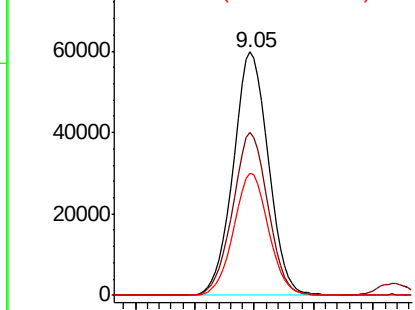
#39
Methylvlcyclohexane
Concen: 48.888 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN061915.D
Acq: 18 Jun 2020 21:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 122206
Ion Ratio Lower Upper
83 100
55 67.1 54.2 81.4
98 50.3 39.8 59.6

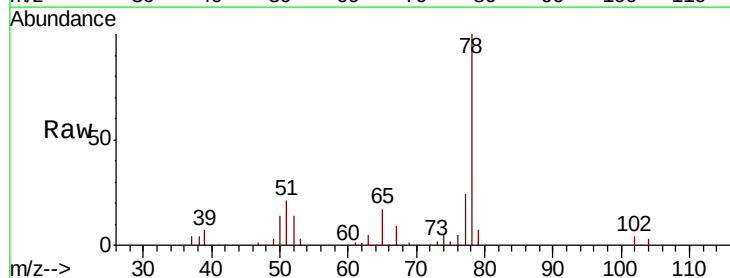


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

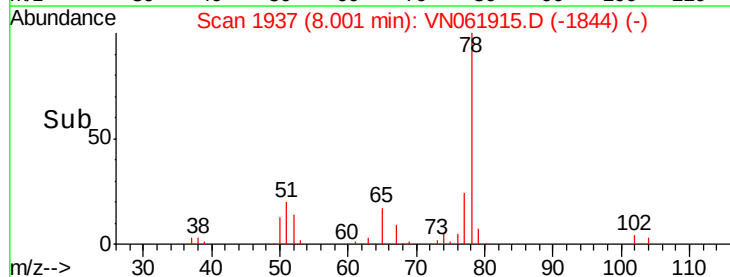
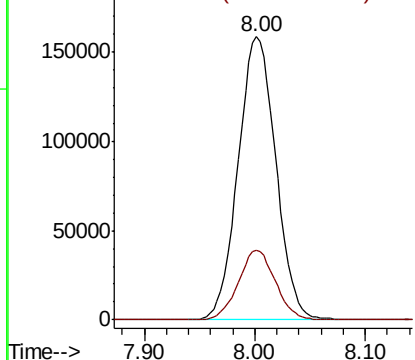


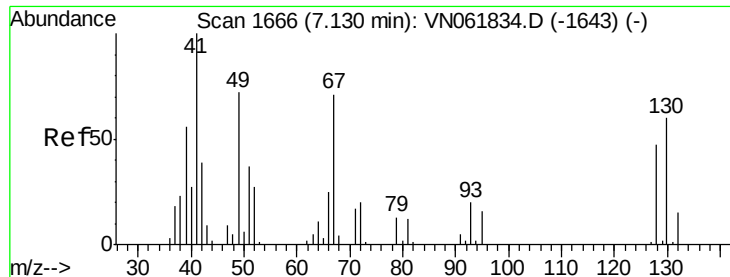
#40
Benzene
Concen: 53.299 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN061915.D
Acq: 18 Jun 2020 21:16

Tgt Ion: 78 Resp: 374809
Ion Ratio Lower Upper
78 100
77 24.4 19.7 29.5



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

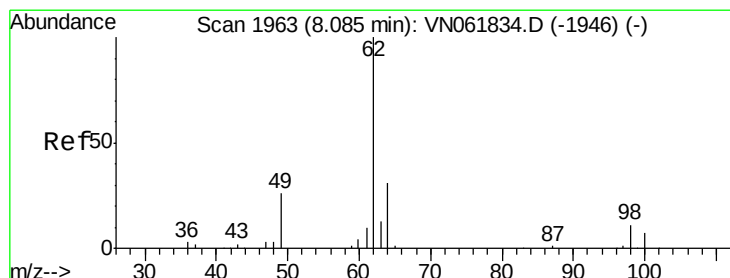
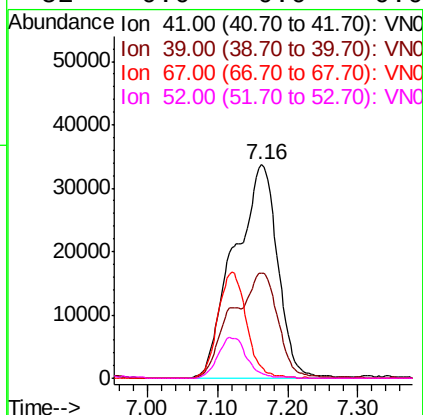
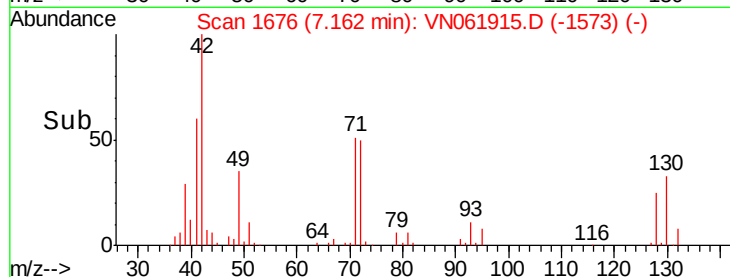
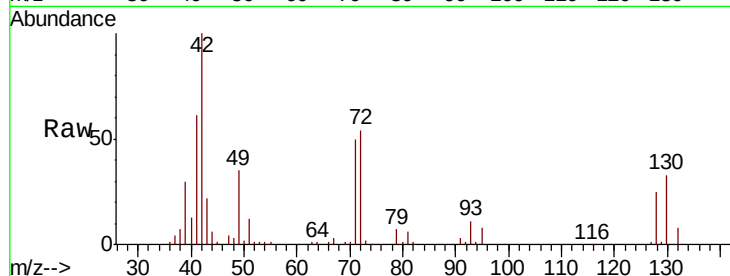




#41
Methacrylonitrile
Concen: 187.076 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. 0.03 min
Lab File: VN061915.D
Acq: 18 Jun 2020 21:16

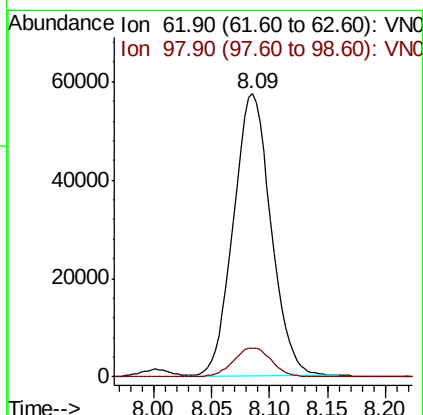
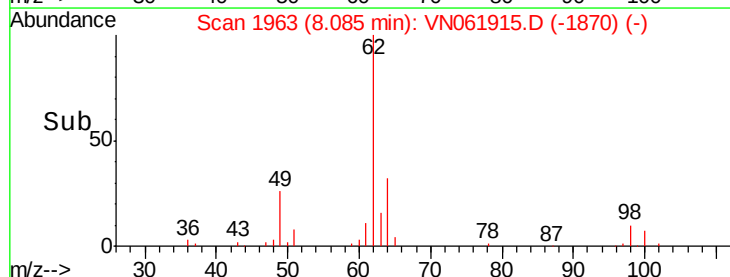
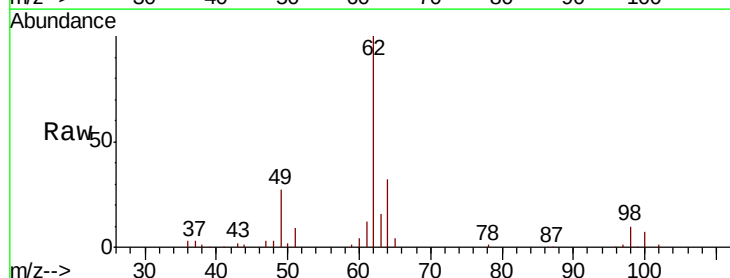
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

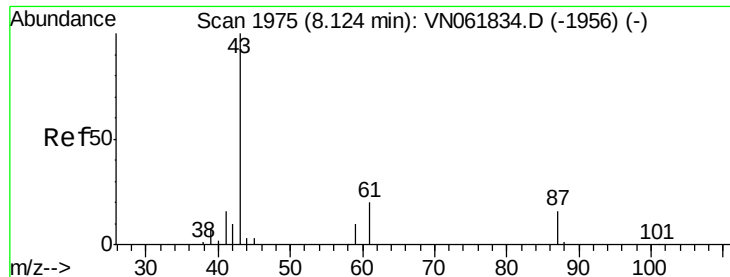
Tot Ion:	41	Resp:	145019
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 53.937 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN061915.D
Acq: 18 Jun 2020 21:16

Tgt Ion:	62	Resp:	129329
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	20.4





#43

Isopropyl Acetate

Concen: 54.924 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN061915.D

Acq: 18 Jun 2020 21:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

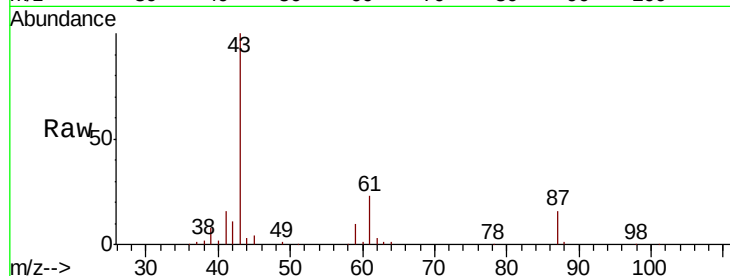
Tot Ion: 43 Resp: 167796

Ion Ratio Lower Upper

43 100

61 30.7 24.0 36.0

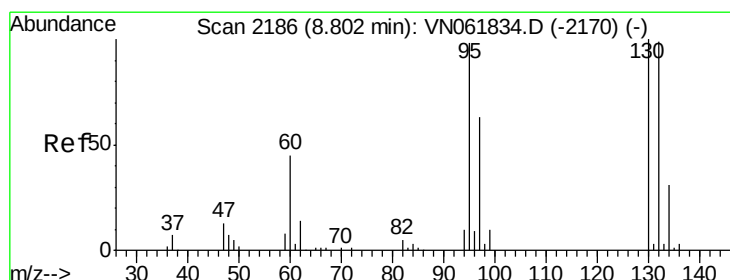
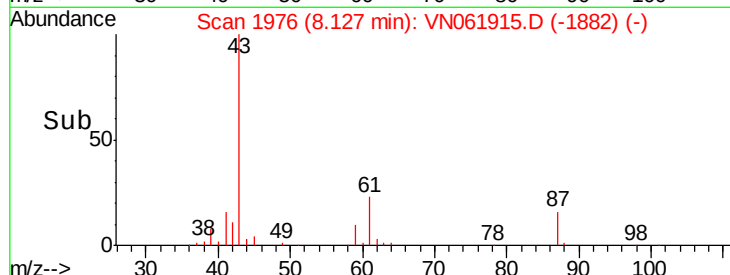
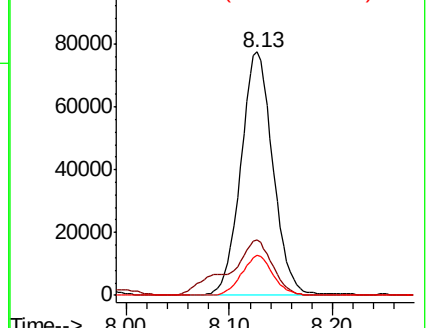
87 16.0 12.5 18.7



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: 52.439 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN061915.D

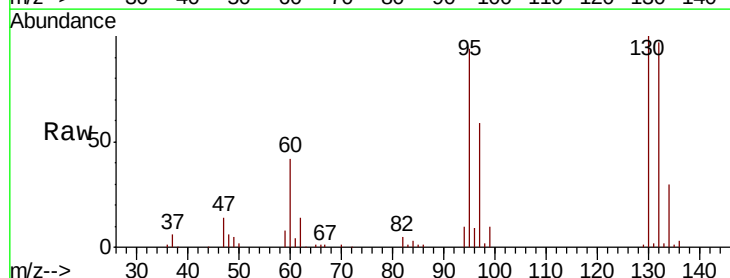
Acq: 18 Jun 2020 21:16

Tgt Ion:130 Resp: 97049

Ion Ratio Lower Upper

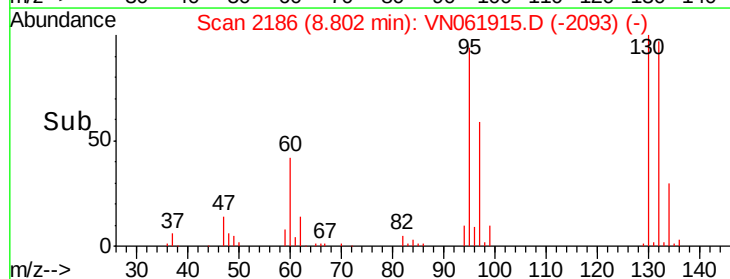
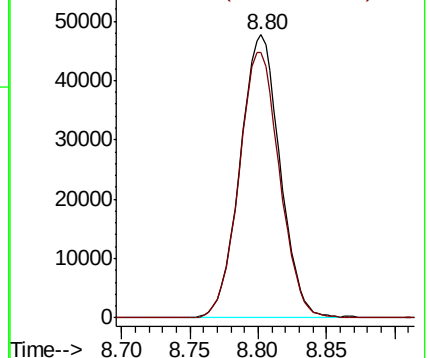
130 100

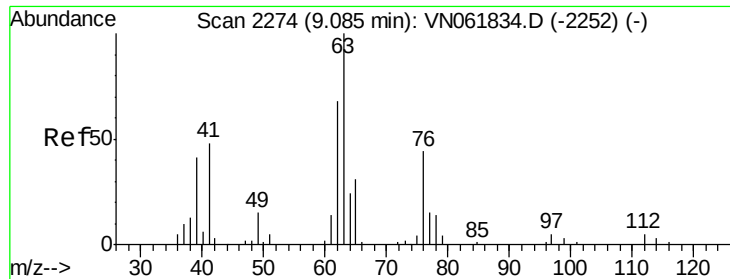
95 93.7 0.0 195.6



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

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

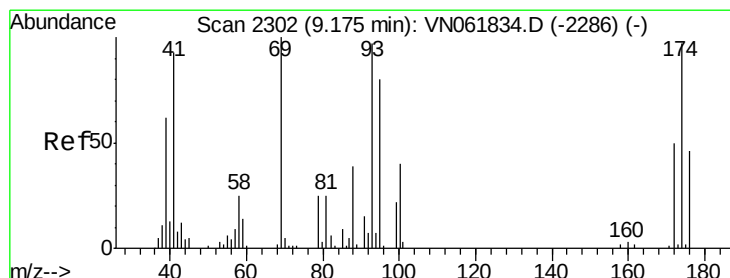
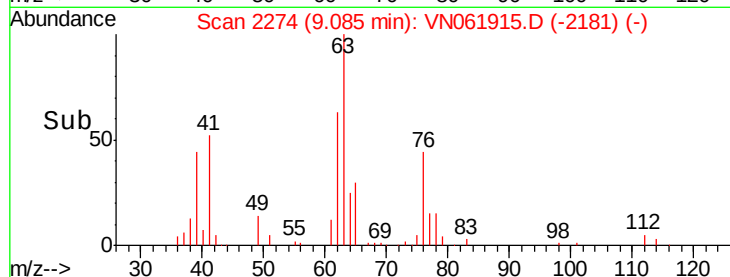
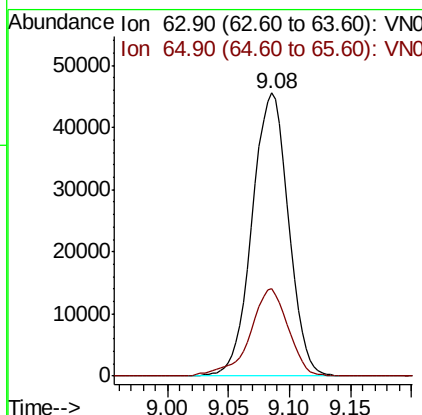
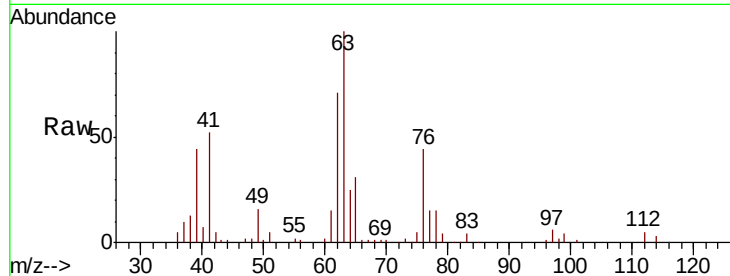




#45
 1,2-Dichloropropane
 Concen: 54.403 ug/l
 RT: 9.08 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN061915.D
 Acq: 18 Jun 2020 21:16

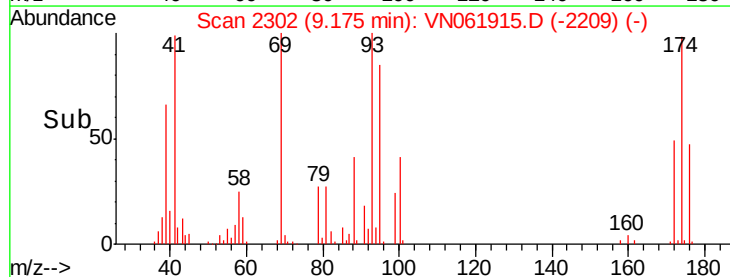
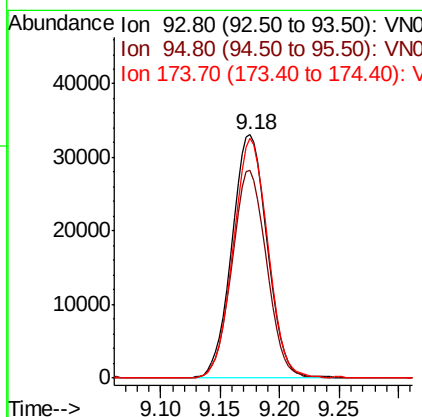
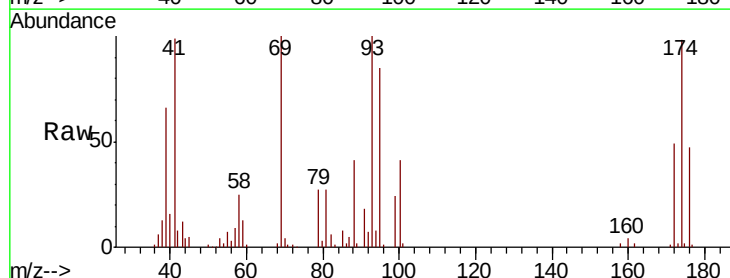
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

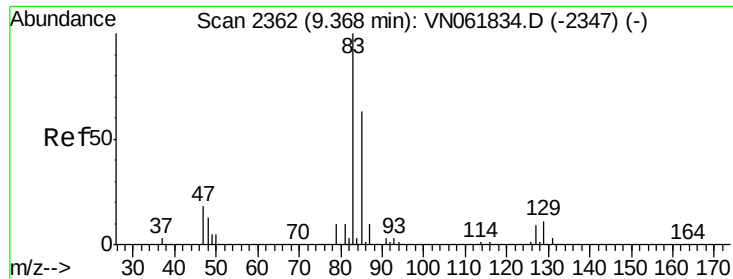
Tot Ion: 63 Resp: 94017
 Ion Ratio Lower Upper
 63 100
 65 30.8 25.1 37.7



#46
 Dibromomethane
 Concen: 56.091 ug/l
 RT: 9.18 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN061915.D
 Acq: 18 Jun 2020 21:16

Tgt Ion: 93 Resp: 68260
 Ion Ratio Lower Upper
 93 100
 95 83.8 65.8 98.6
 174 96.4 78.5 117.7

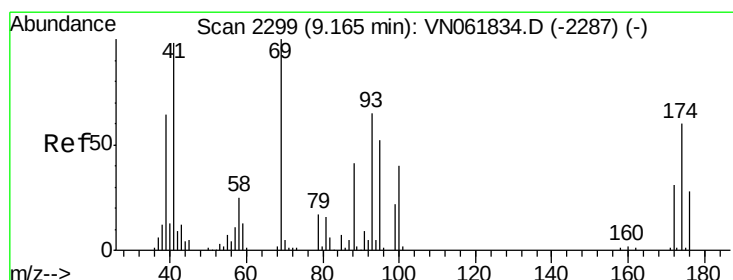
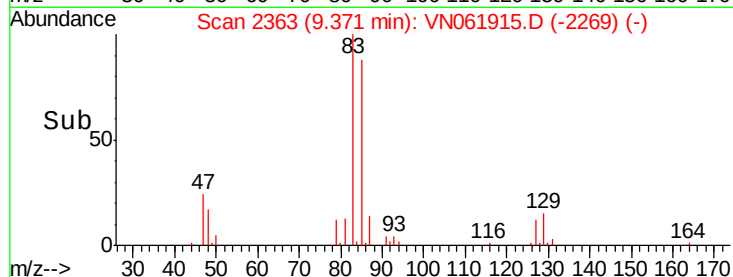
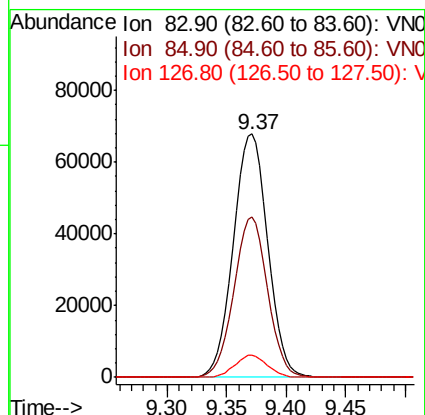
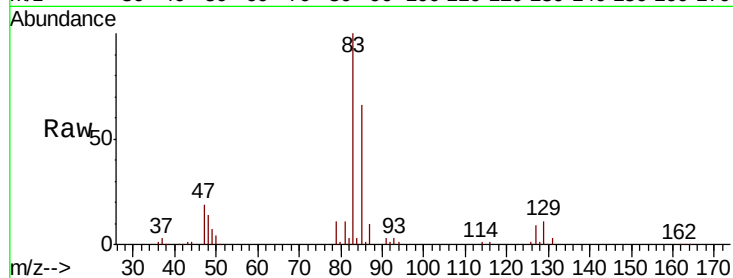




#47
Bromodichloromethane
Concen: 54.594 ug/l
RT: 9.37 min Scan# 2363
Delta R.T. 0.00 min
Lab File: VN061915.D
Acq: 18 Jun 2020 21:16

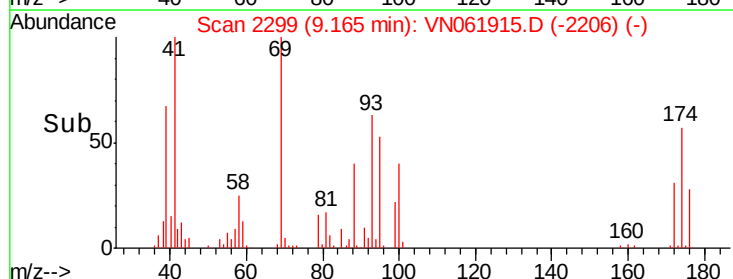
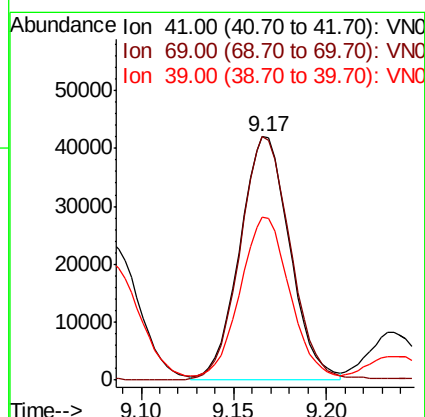
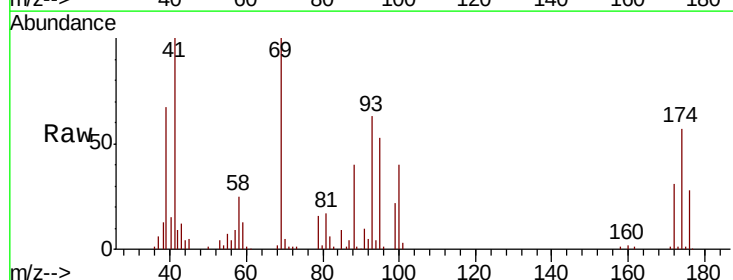
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

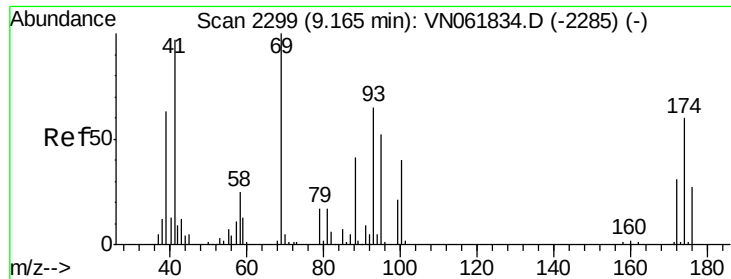
Tot Ion: 83 Resp: 136044
Ion Ratio Lower Upper
83 100
85 66.0 50.8 76.2
127 9.0 7.0 10.4



#48
Methyl methacrylate
Concen: 56.844 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN061915.D
Acq: 18 Jun 2020 21:16

Tgt Ion: 41 Resp: 78974
Ion Ratio Lower Upper
41 100
69 100.8 83.0 124.4
39 66.3 55.1 82.7





#49

1,4-Dioxane

Concen: 1067.462 ug/l

RT: 9.17 min Scan# 2300

Delta R.T. 0.00 min

Lab File: VN061915.D

Acq: 18 Jun 2020 21:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

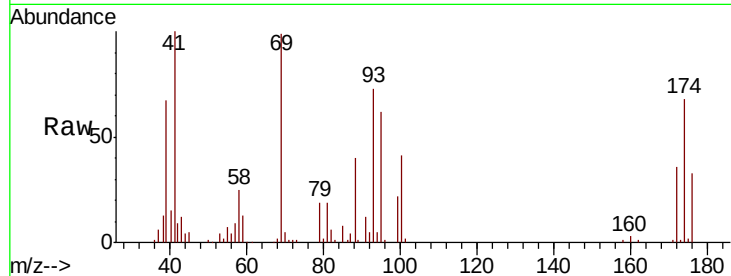
Tot Ion: 88 Resp: 34049

Ion Ratio Lower Upper

88 100

43 29.6 23.4 35.2

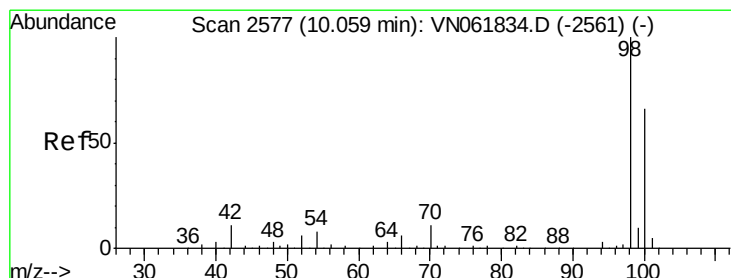
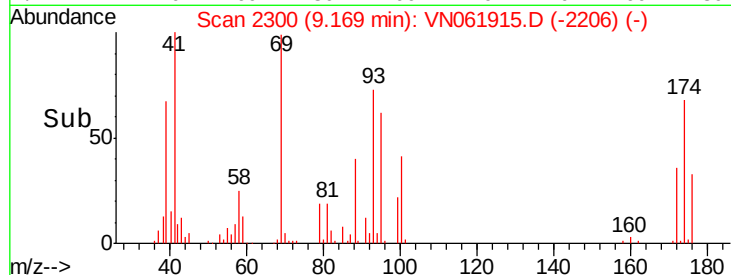
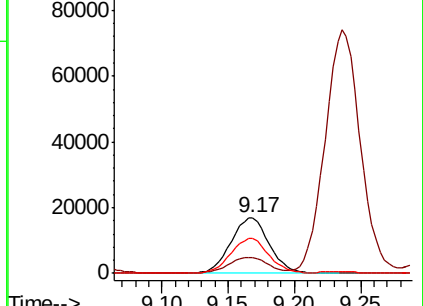
58 62.4 49.8 74.6



Abundance Ion 88.00 (87.70 to 88.70): VN061915.D (-2206) (-)

Ion 43.00 (42.70 to 43.70): VN061915.D (-2206) (-)

Ion 58.00 (57.70 to 58.70): VN061915.D (-2206) (-)



#50

Toluene-d8

Concen: 50.548 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN061915.D

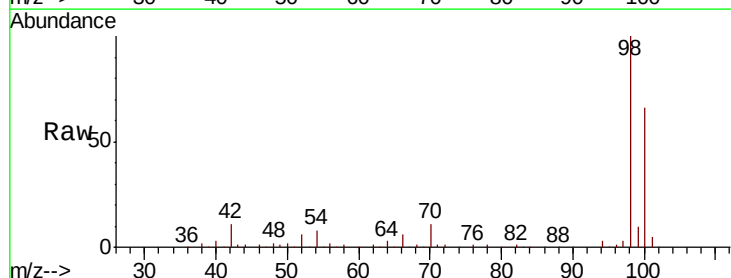
Acq: 18 Jun 2020 21:16

Tgt Ion: 98 Resp: 323575

Ion Ratio Lower Upper

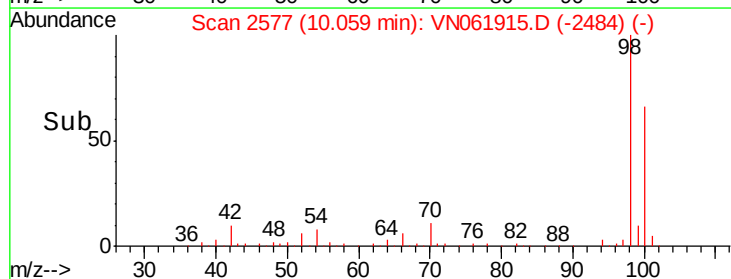
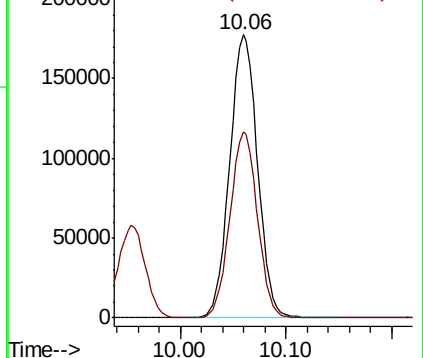
98 100

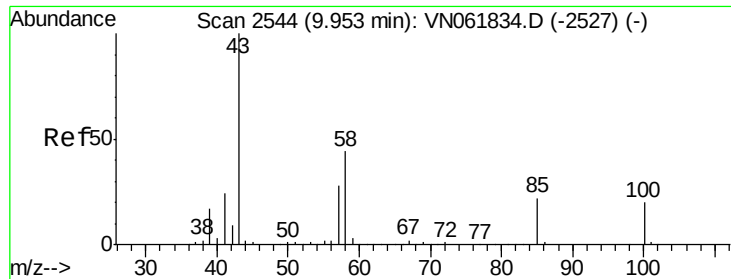
100 64.6 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VN061915.D (-2484) (-)

Ion 100.00 (99.70 to 100.70): VN061915.D (-2484) (-)





#51

4-Methyl-2-Pentanone

Concen: 285.371 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN061915.D

Acq: 18 Jun 2020 21:16

Instrument :

MSVOA_N

ClientSampleId :

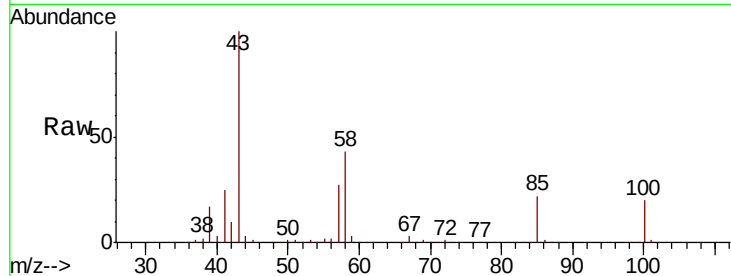
VSTDCCC050EC

Tot Ion: 43 Resp: 515189

Ion Ratio Lower Upper

43 100

58 43.6 34.6 52.0



Abundance Ion 43.00 (42.70 to 43.70): VN061834.D (-2527) (-)

Ion 58.00 (57.70 to 58.70): VN061834.D (-2527) (-)

9.95

300000

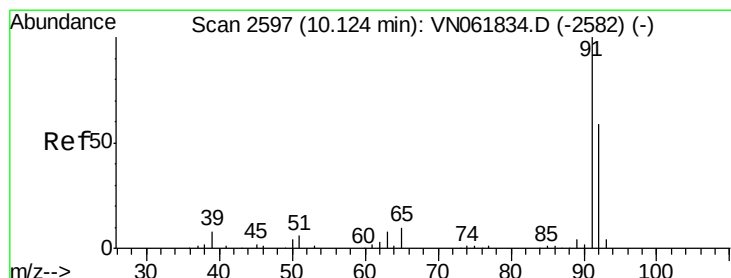
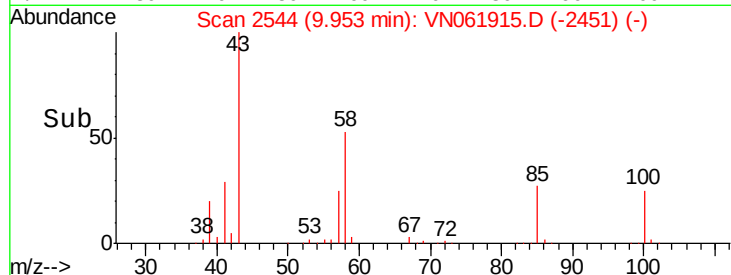
200000

100000

0

9.90 10.00

Time-->



#52

Toluene

Concen: 54.121 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN061915.D

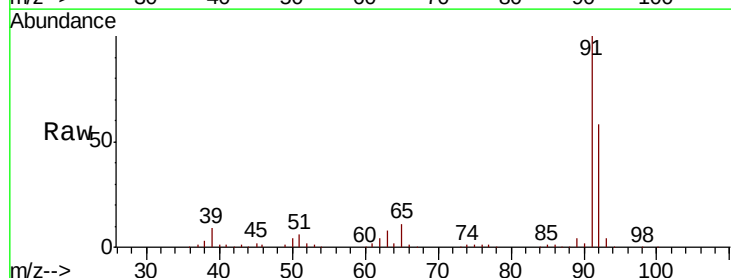
Acq: 18 Jun 2020 21:16

Tgt Ion: 92 Resp: 239024

Ion Ratio Lower Upper

92 100

91 174.5 137.1 205.7



Abundance Ion 92.00 (91.70 to 92.70): VN061834.D (-2582) (-)

Ion 91.00 (90.70 to 91.70): VN061834.D (-2582) (-)

10.12

250000

200000

150000

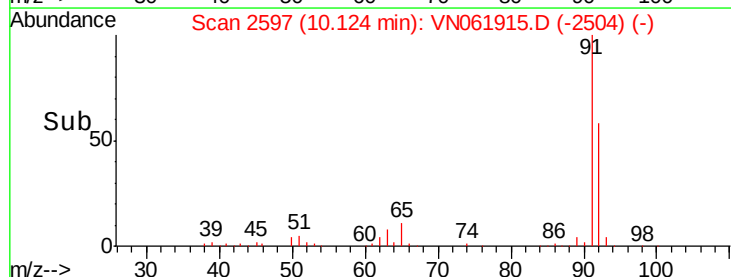
100000

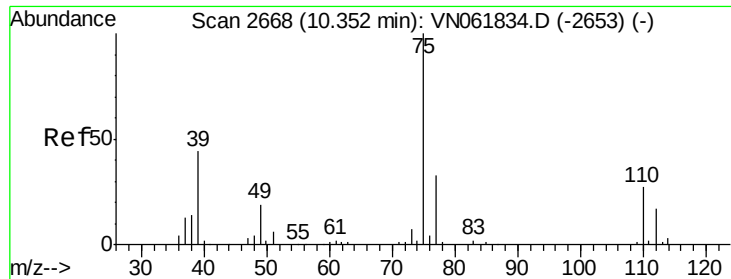
50000

0

10.10 10.20

Time-->





#53

t-1,3-Dichloropropene

Concen: 54.464 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN061915.D

Acq: 18 Jun 2020 21:16

Instrument :

MSVOA_N

ClientSampleId :

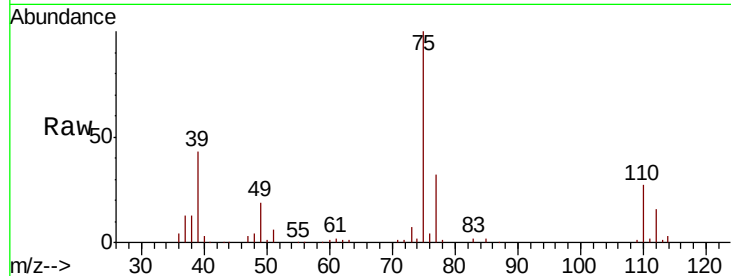
VSTDCCC050EC

Tot Ion: 75 Resp: 144077

Ion Ratio Lower Upper

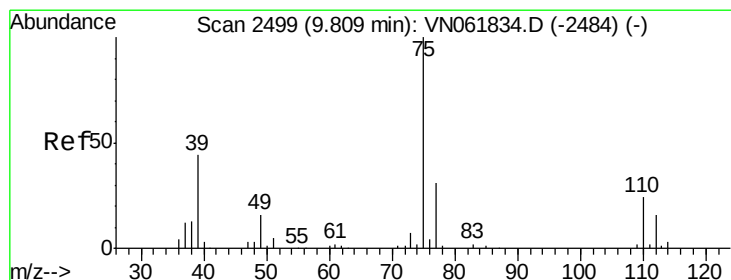
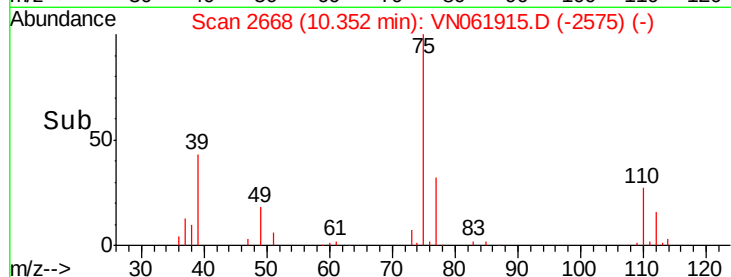
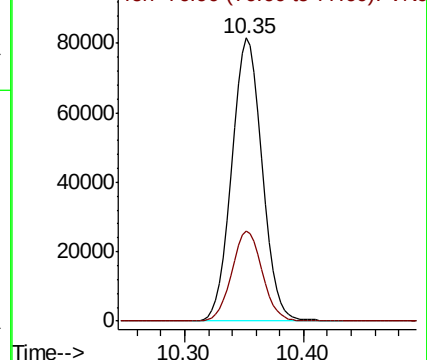
75 100

77 31.8 26.3 39.5



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 53.648 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN061915.D

Acq: 18 Jun 2020 21:16

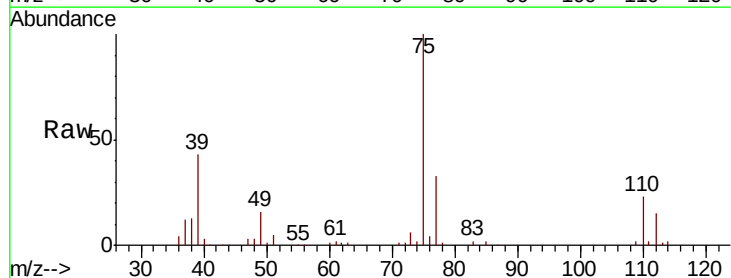
Tgt Ion: 75 Resp: 154145

Ion Ratio Lower Upper

75 100

77 32.6 24.8 37.2

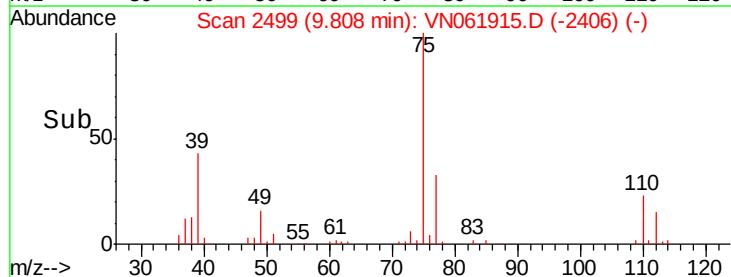
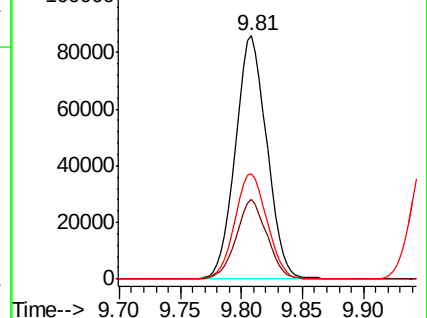
39 43.5 35.4 53.0

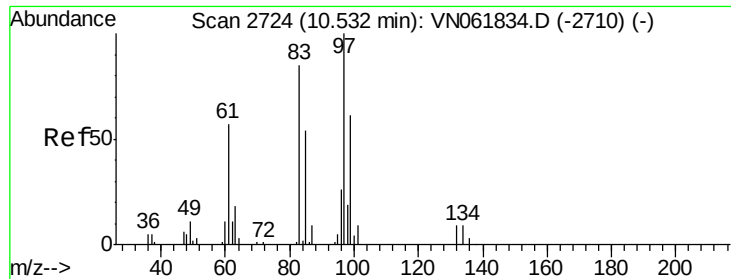


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 56.993 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.00 min

Lab File: VN061915.D

Acq: 18 Jun 2020 21:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 99034

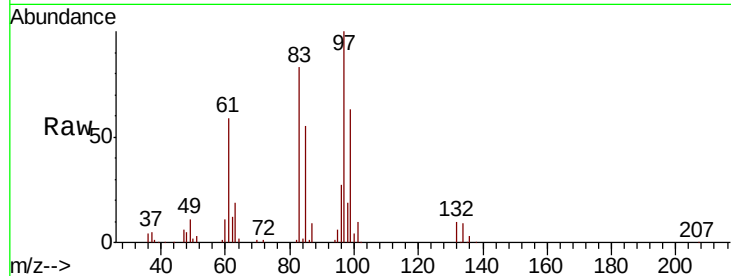
Ion Ratio Lower Upper

97 100

83 83.4 67.7 101.5

85 54.7 43.4 65.0

99 63.3 48.8 73.2



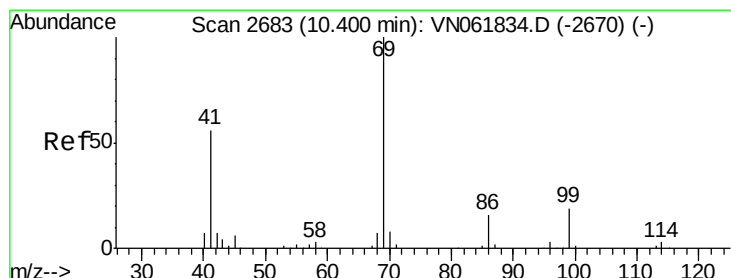
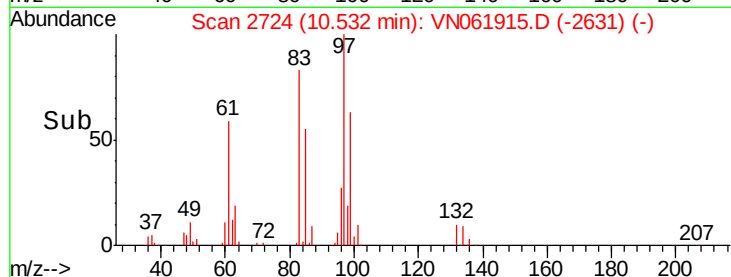
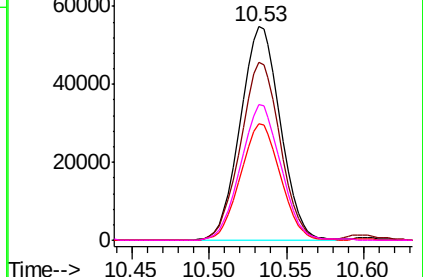
Abundance

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: 51.406 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. 0.00 min

Lab File: VN061915.D

Acq: 18 Jun 2020 21:16

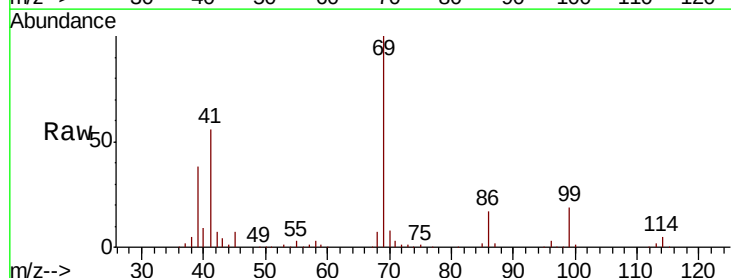
Tgt Ion: 69 Resp: 136671

Ion Ratio Lower Upper

69 100

41 55.4 44.9 67.3

39 36.4 30.0 45.0

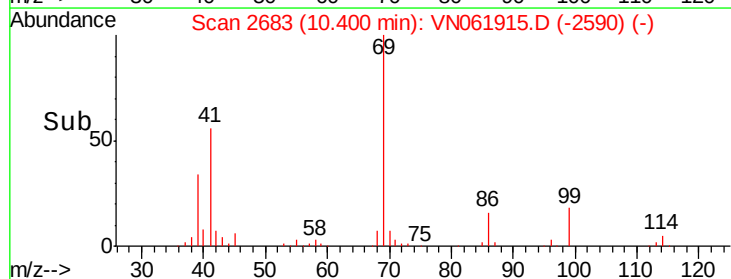
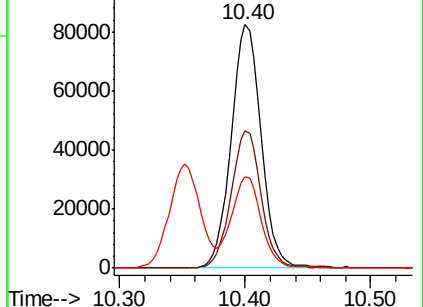


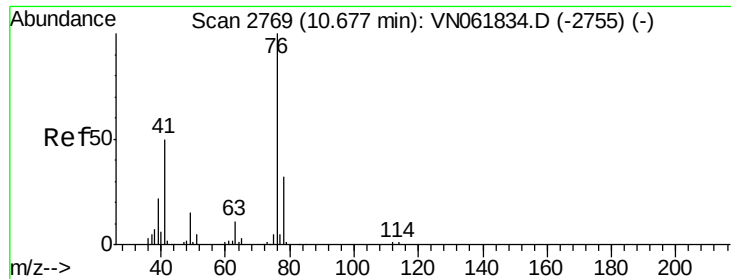
Abundance

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

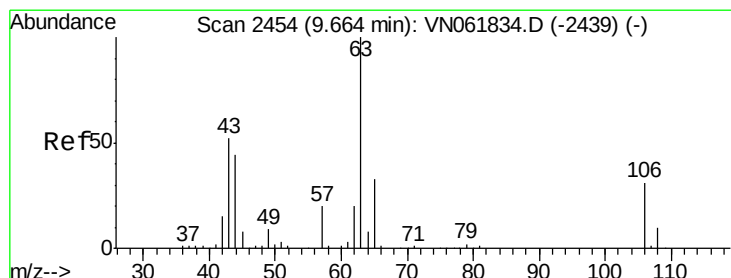
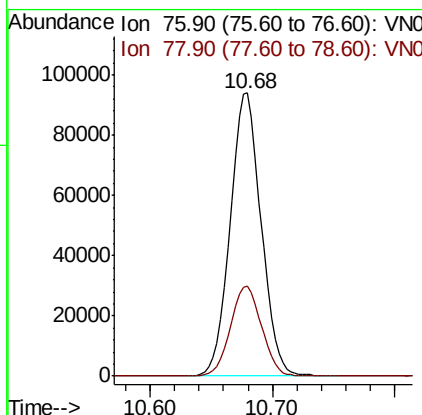
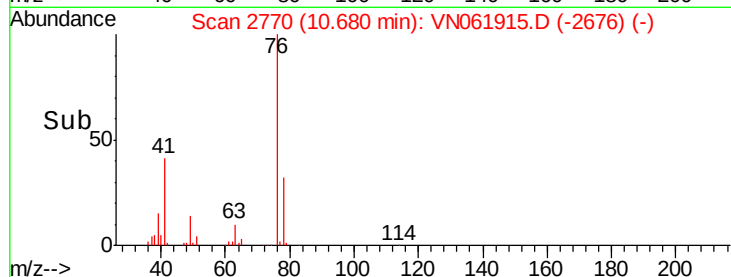
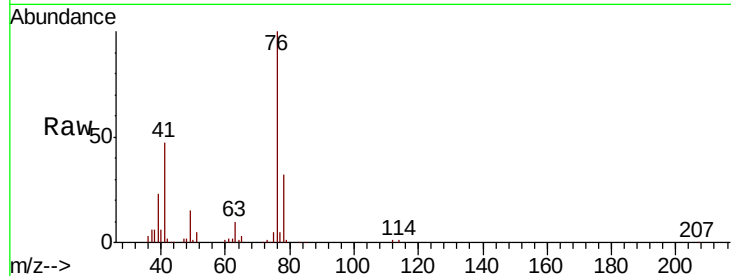




#57
 1,3-Dichloropropane
 Concen: 56.243 ug/l
 RT: 10.68 min Scan# 2770
 Delta R.T. 0.00 min
 Lab File: VN061915.D
 Acq: 18 Jun 2020 21:16

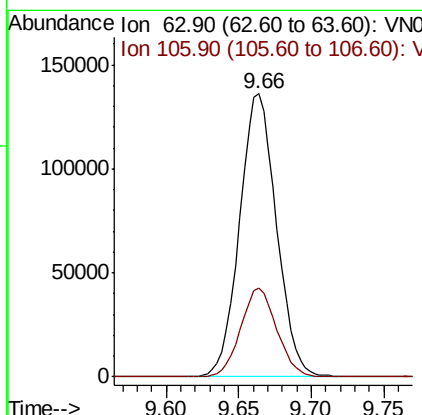
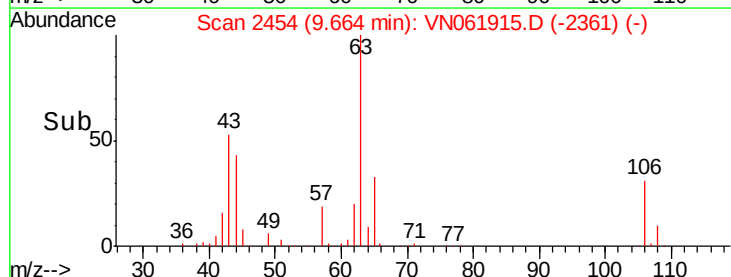
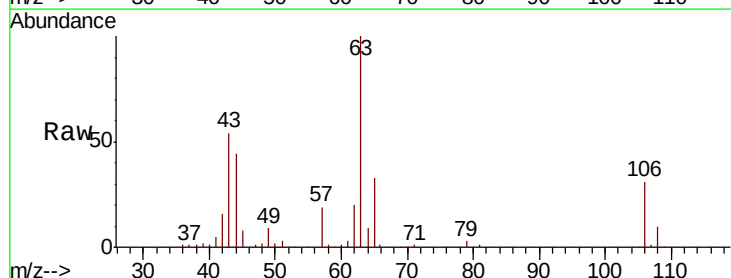
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

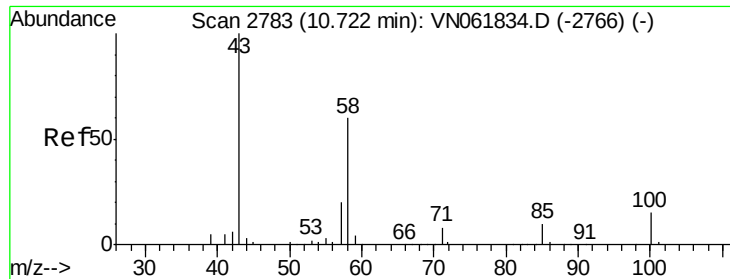
Tot Ion: 76 Resp: 165568
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 261.929 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. -0.00 min
 Lab File: VN061915.D
 Acq: 18 Jun 2020 21:16

Tgt Ion: 63 Resp: 240207
 Ion Ratio Lower Upper
 63 100
 106 30.8 24.6 36.8

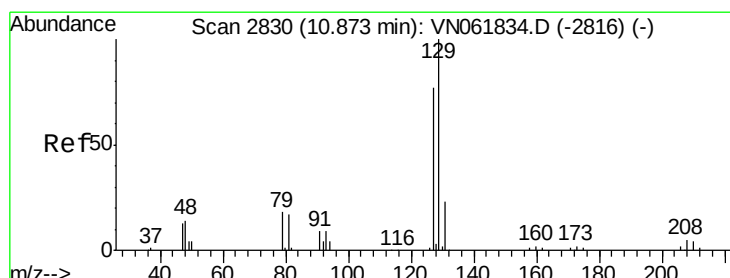
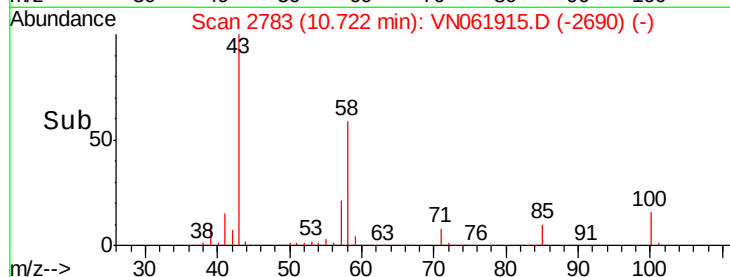
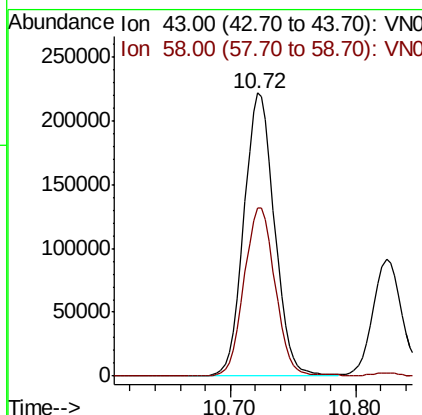
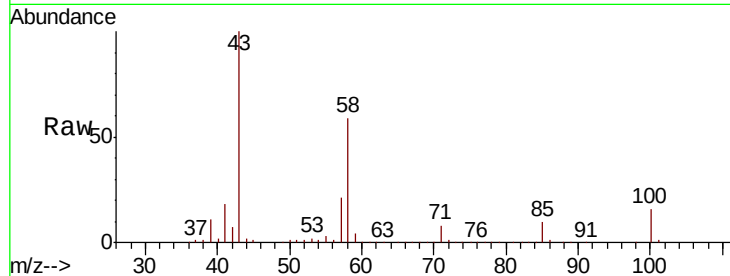




#59
2-Hexanone
Concen: 260.381 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN061915.D
Acq: 18 Jun 2020 21:16

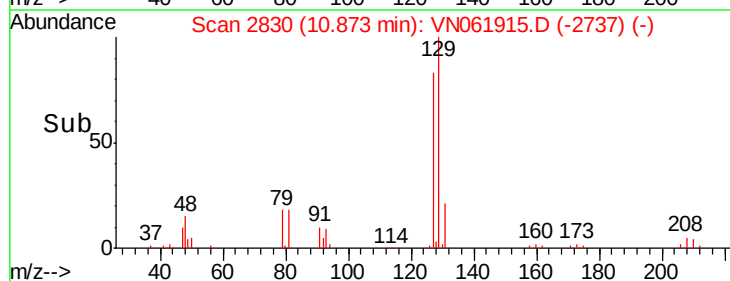
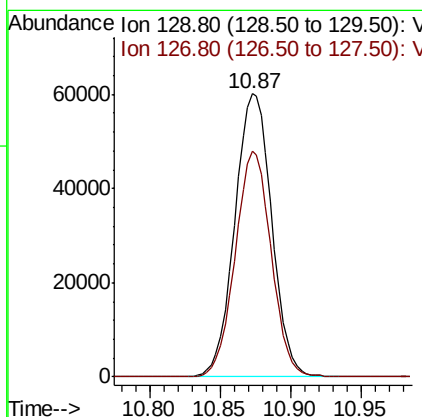
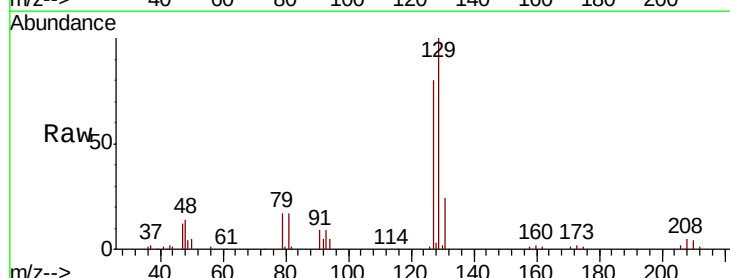
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

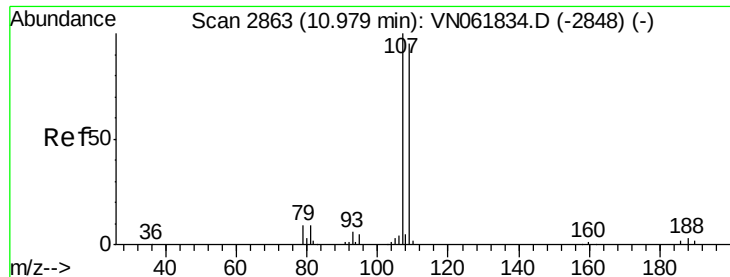
Tot Ion: 43 Resp: 376396
Ion Ratio Lower Upper
43 100
58 60.4 30.1 90.5



#60
Dibromochloromethane
Concen: 56.905 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN061915.D
Acq: 18 Jun 2020 21:16

Tgt Ion: 129 Resp: 110335
Ion Ratio Lower Upper
129 100
127 77.7 38.5 115.5

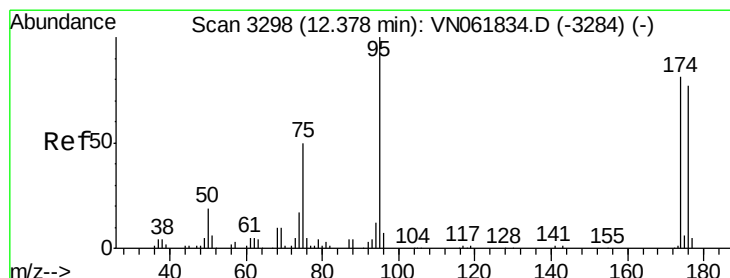
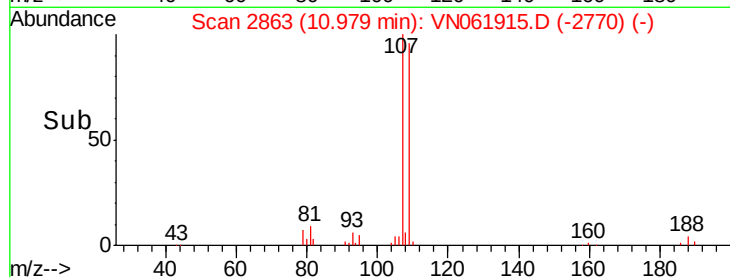
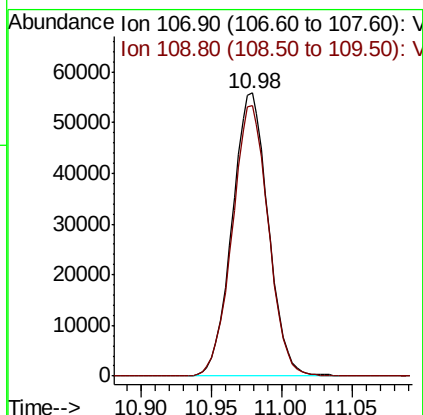
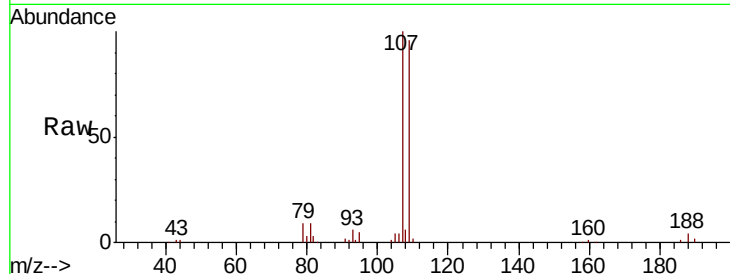




#61
 1,2-Dibromoethane
 Concen: 55.139 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. -0.00 min
 Lab File: VN061915.D
 Acq: 18 Jun 2020 21:16

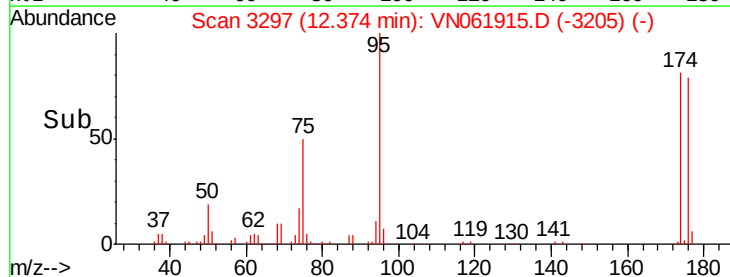
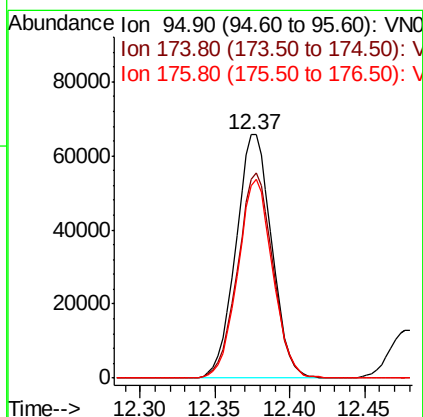
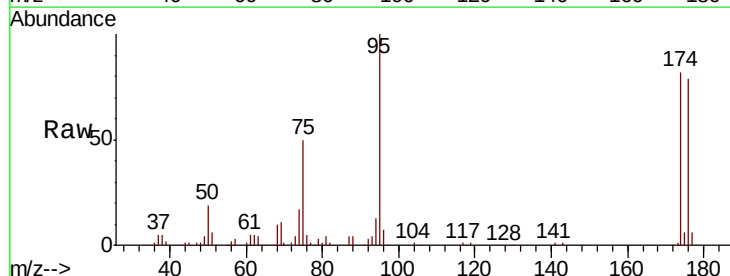
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

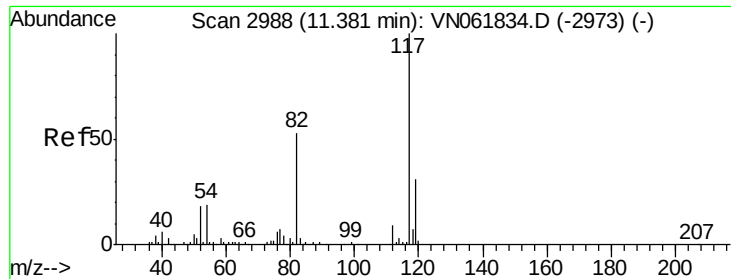
Tot Ion: 107 Resp: 100047
 Ion Ratio Lower Upper
 107 100
 109 95.8 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 49.953 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VN061915.D
 Acq: 18 Jun 2020 21:16

Tgt Ion: 95 Resp: 109685
 Ion Ratio Lower Upper
 95 100
 174 82.7 0.0 158.6
 176 79.4 0.0 152.0

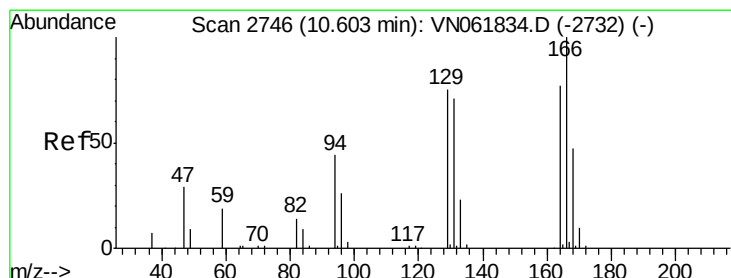
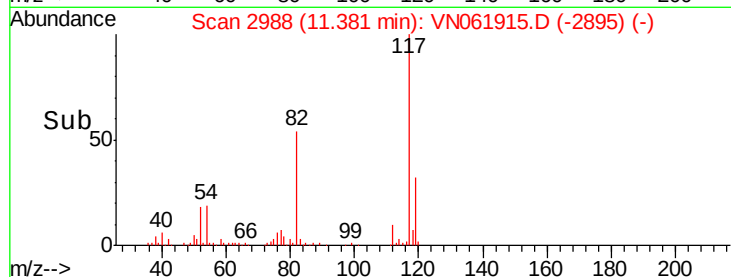
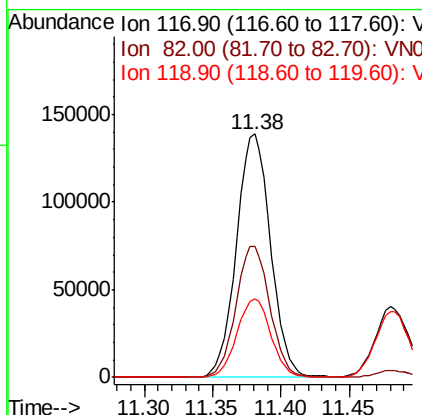
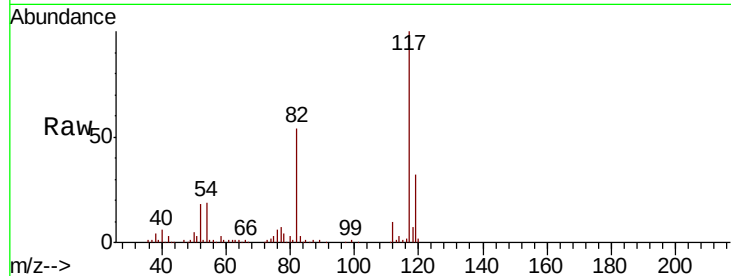




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN061915.D
Acq: 18 Jun 2020 21:16

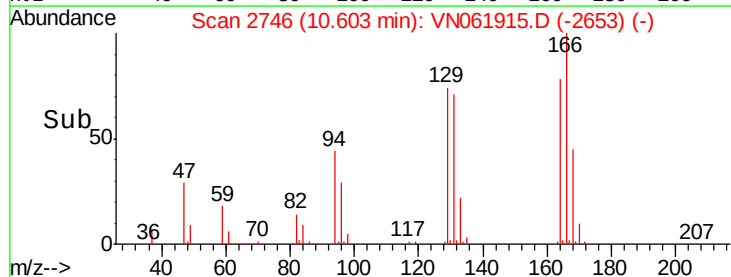
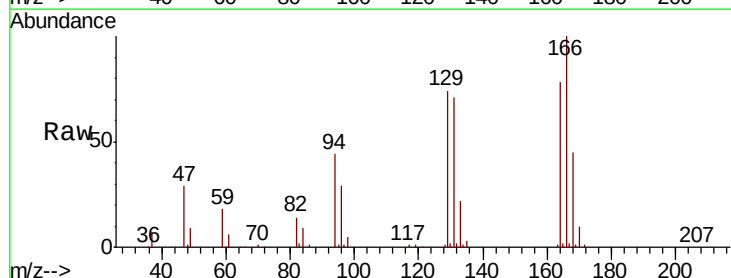
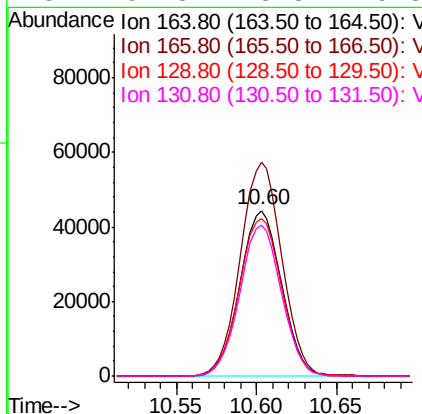
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

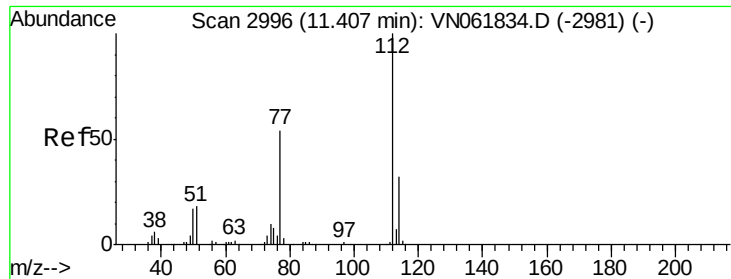
Tot Ion:117 Resp: 241331
Ion Ratio Lower Upper
117 100
82 53.5 42.6 64.0
119 32.4 24.7 37.1



#64
Tetrachloroethene
Concen: 51.165 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN061915.D
Acq: 18 Jun 2020 21:16

Tgt Ion:164 Resp: 78700
Ion Ratio Lower Upper
164 100
166 128.9 103.5 155.3
129 95.2 77.5 116.3
131 91.3 73.8 110.8

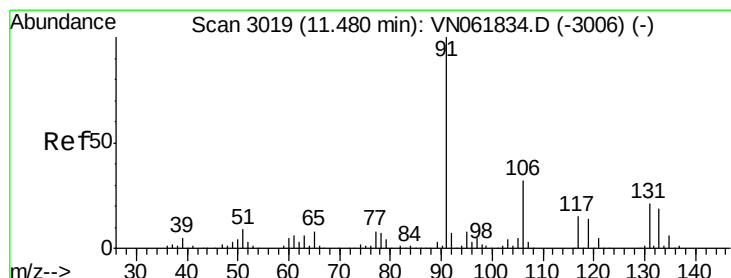
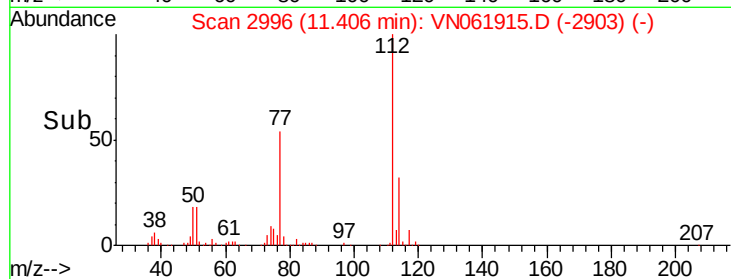
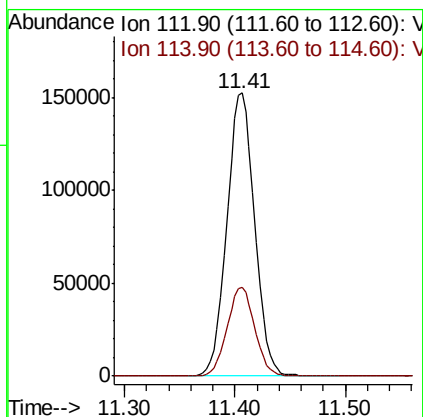
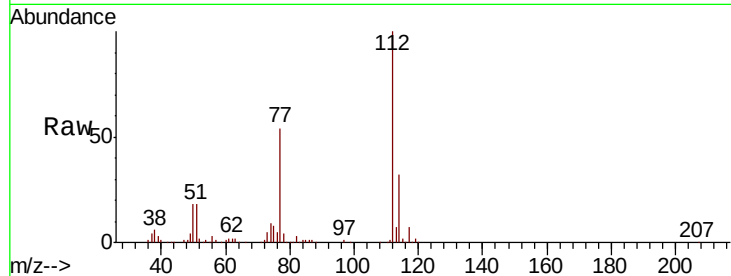




#65
Chlorobenzene
Concen: 52.108 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN061915.D
Acq: 18 Jun 2020 21:16

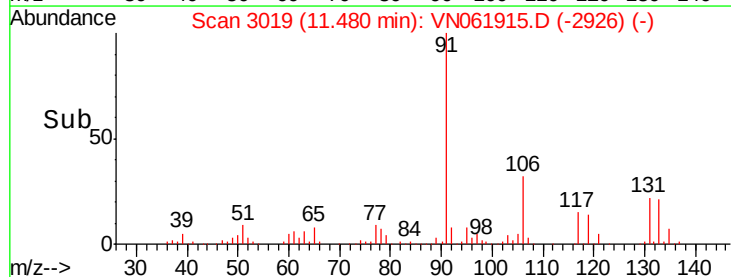
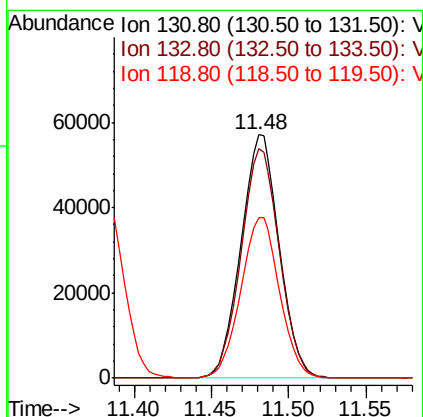
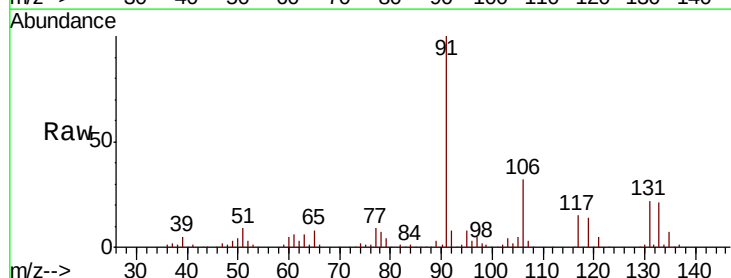
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

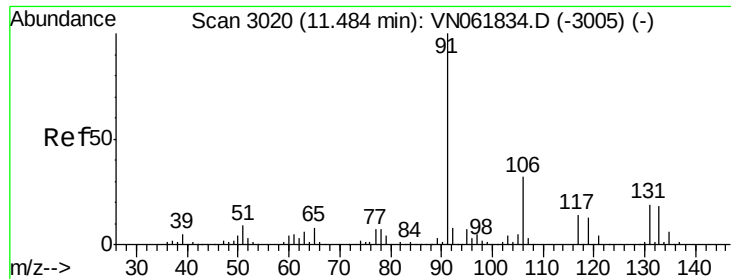
Tot Ion:112 Resp: 265348
Ion Ratio Lower Upper
112 100
114 31.5 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 55.399 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN061915.D
Acq: 18 Jun 2020 21:16

Tgt Ion:131 Resp: 98388
Ion Ratio Lower Upper
131 100
133 94.6 47.5 142.5
119 66.7 34.0 101.8

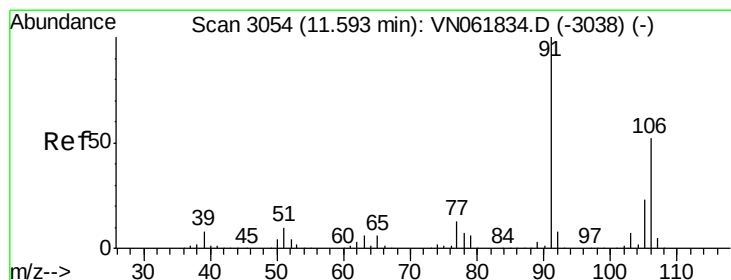
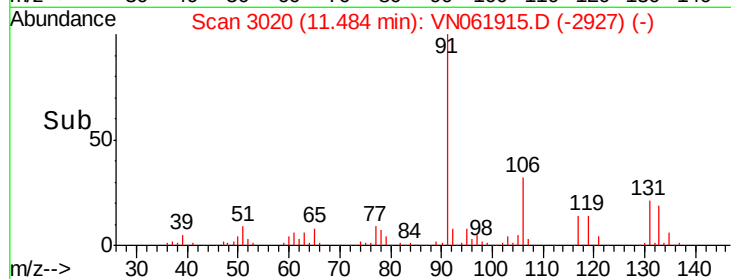
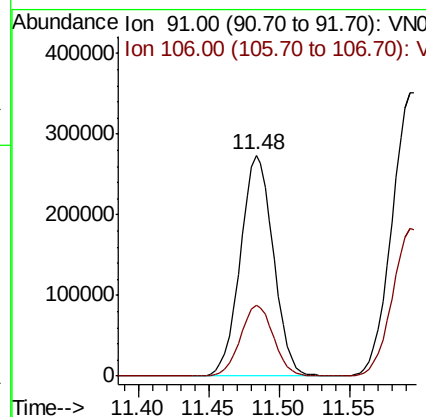
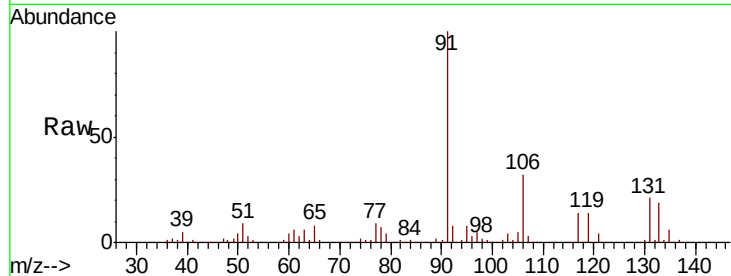




#67
Ethyl Benzene
Concen: 52.635 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN061915.D
Acq: 18 Jun 2020 21:16

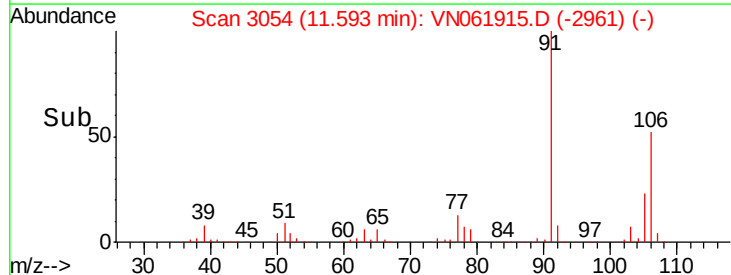
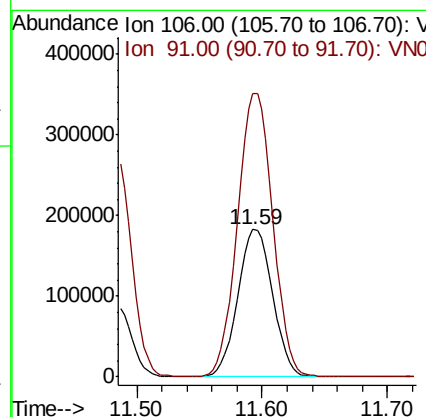
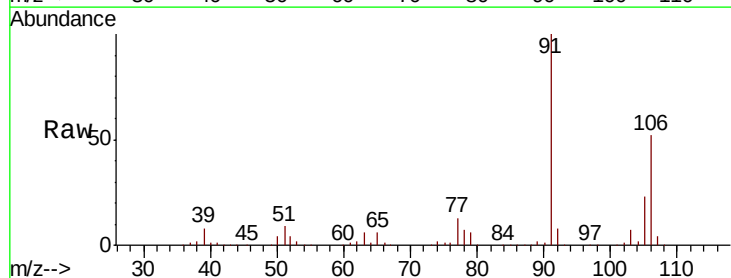
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

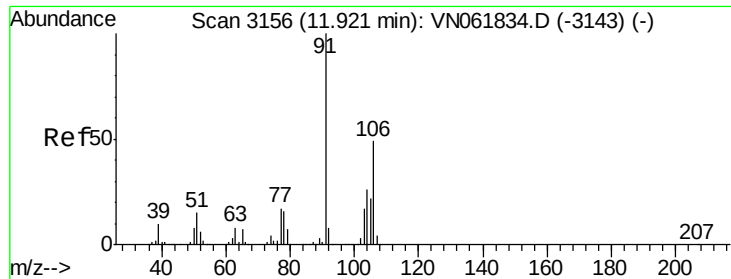
Tot Ion: 91 Resp: 449391
Ion Ratio Lower Upper
91 100
106 32.2 25.4 38.2



#68
m/p-Xylenes
Concen: 107.179 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN061915.D
Acq: 18 Jun 2020 21:16

Tgt Ion: 106 Resp: 352859
Ion Ratio Lower Upper
106 100
91 194.7 157.0 235.6

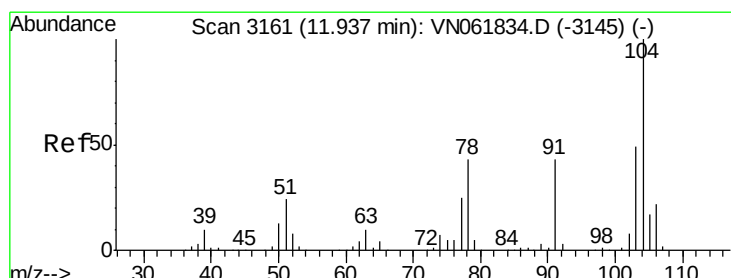
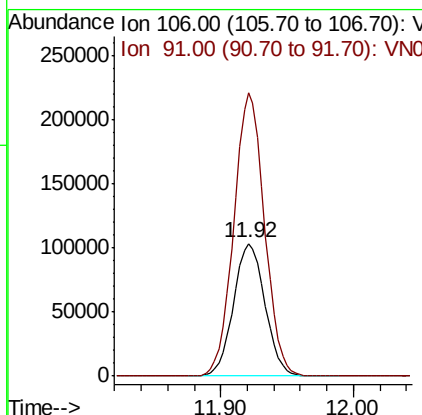
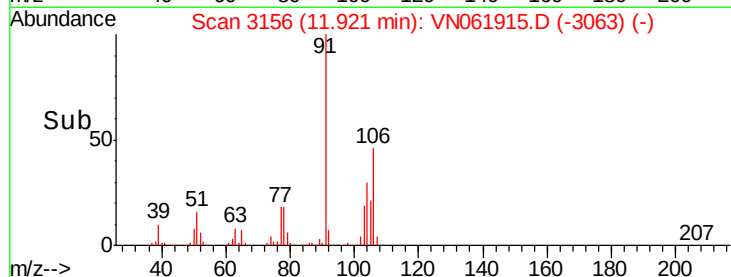
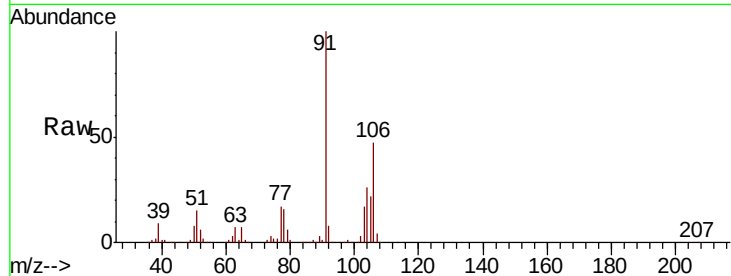




#69
o-Xylene
Concen: 54.165 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN061915.D
Acq: 18 Jun 2020 21:16

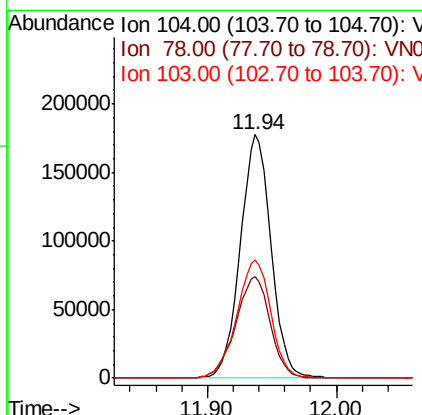
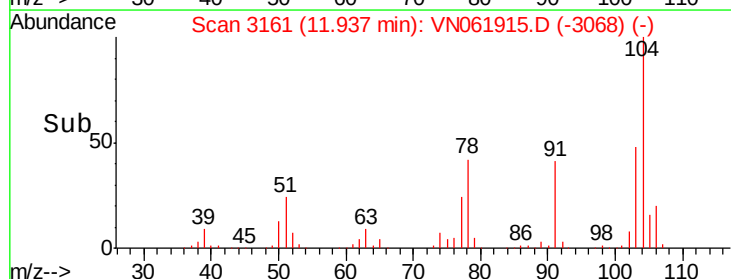
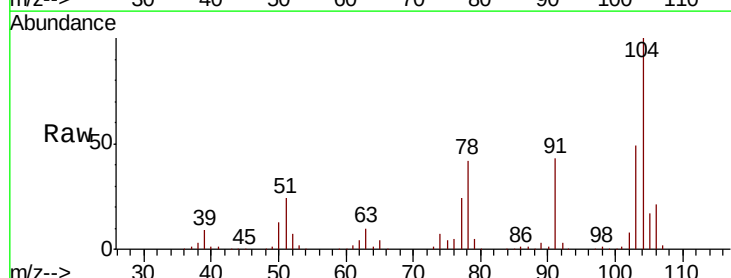
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

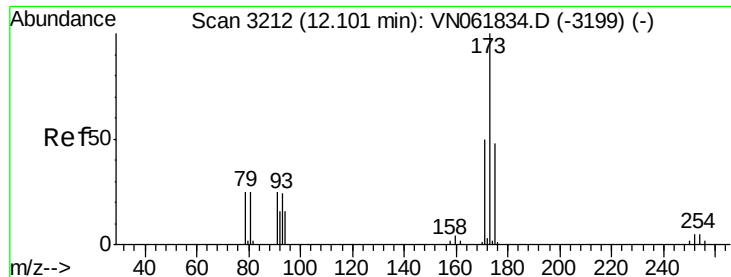
Tot Ion:106 Resp: 170148
Ion Ratio Lower Upper
106 100
91 208.3 103.0 308.9



#70
Styrene
Concen: 56.102 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN061915.D
Acq: 18 Jun 2020 21:16

Tgt Ion:104 Resp: 295081
Ion Ratio Lower Upper
104 100
78 46.6 37.6 56.4
103 53.8 43.0 64.4





#71

Bromoform

Concen: 57.685 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN061915.D

Acq: 18 Jun 2020 21:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

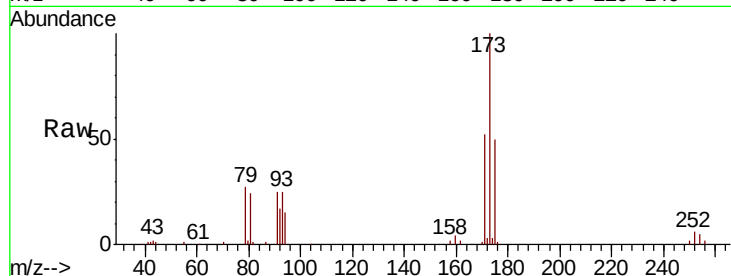
Tot Ion:173 Resp: 74700

Ion Ratio Lower Upper

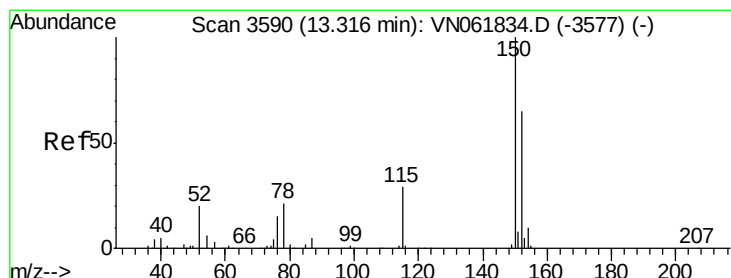
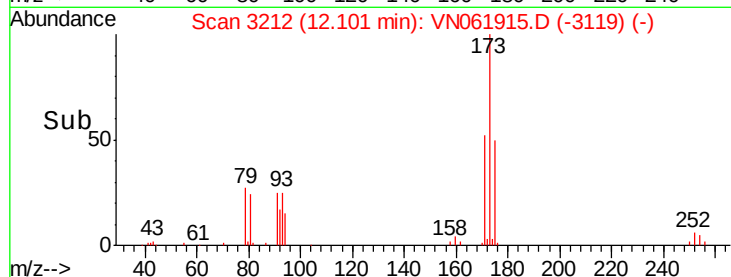
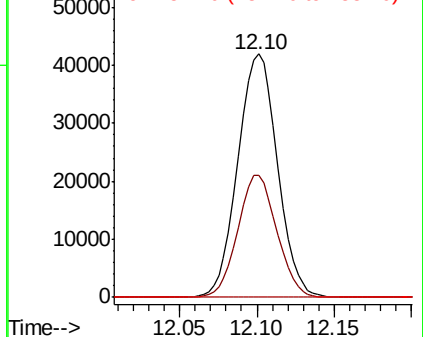
173 100

175 49.2 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# 3590

Delta R.T. -0.00 min

Lab File: VN061915.D

Acq: 18 Jun 2020 21:16

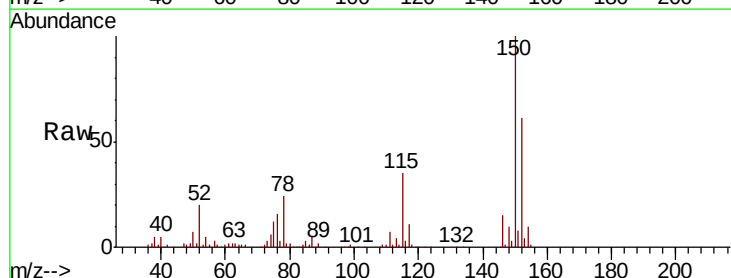
Tgt Ion:152 Resp: 117307

Ion Ratio Lower Upper

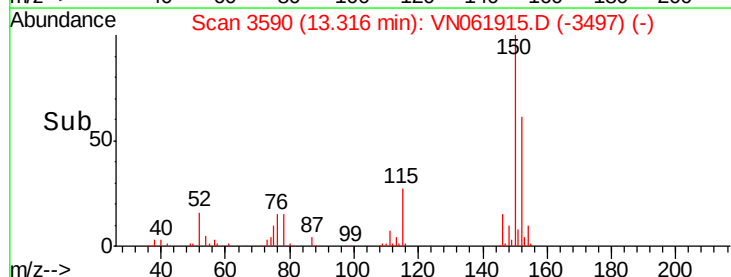
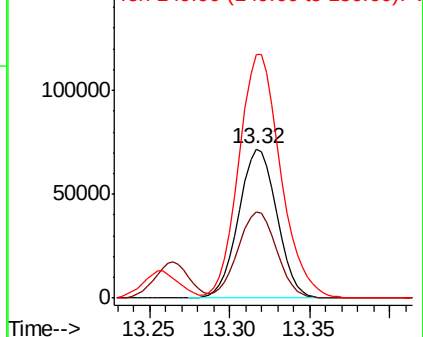
152 100

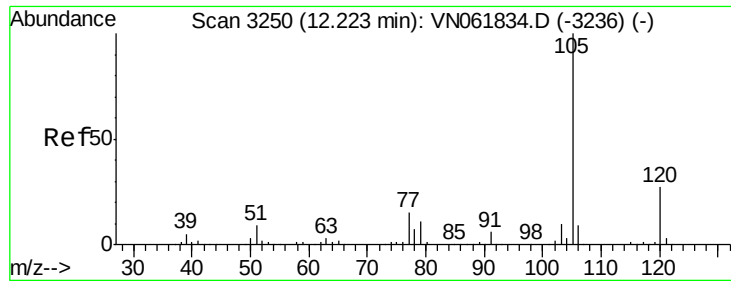
115 58.6 29.1 87.3

150 178.9 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: 51.728 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN061915.D

Acq: 18 Jun 2020 21:16

Instrument :

MSVOA_N

ClientSampleId :

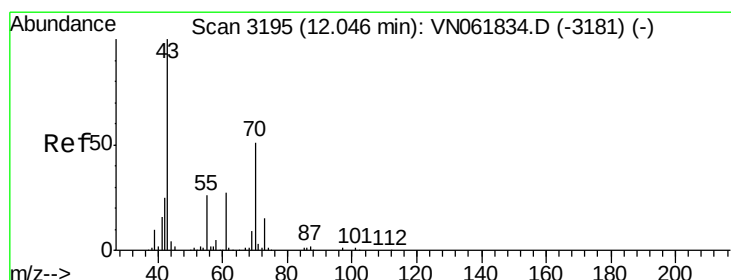
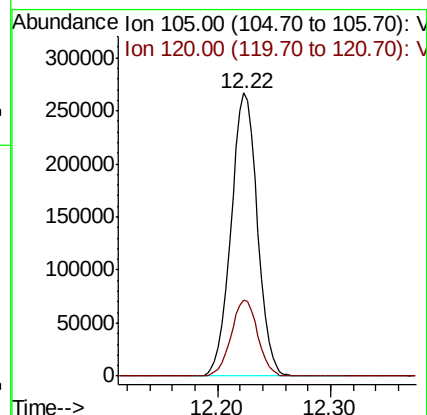
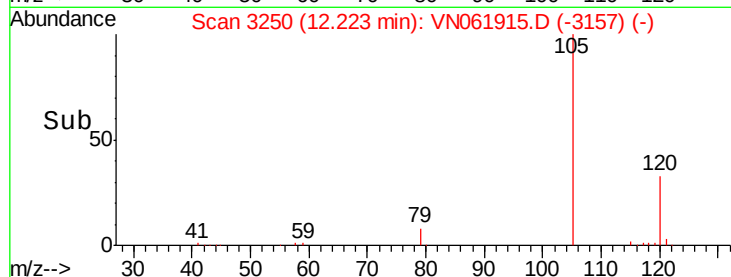
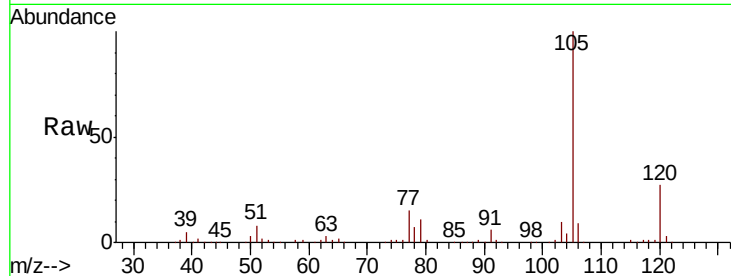
VSTDCCC050EC

Tot Ion:105 Resp: 431205

Ion Ratio Lower Upper

105 100

120 27.1 13.3 39.8



#74

N-ethyl acetate

Concen: 50.473 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN061915.D

Acq: 18 Jun 2020 21:16

Tgt Ion: 43 Resp: 152461

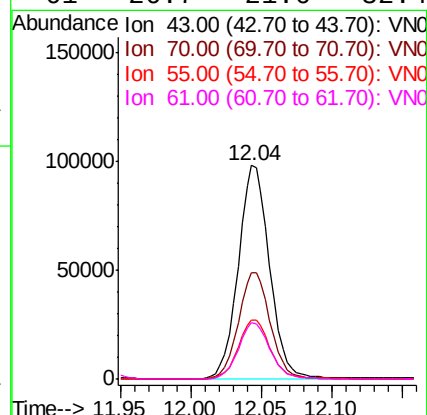
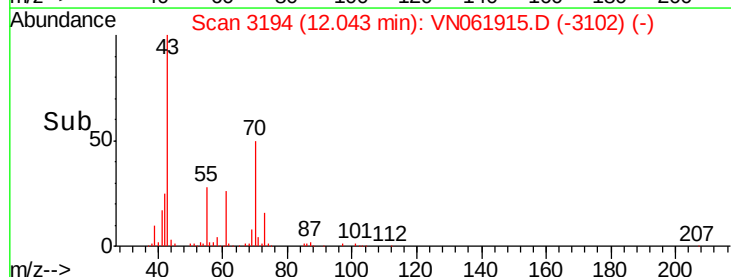
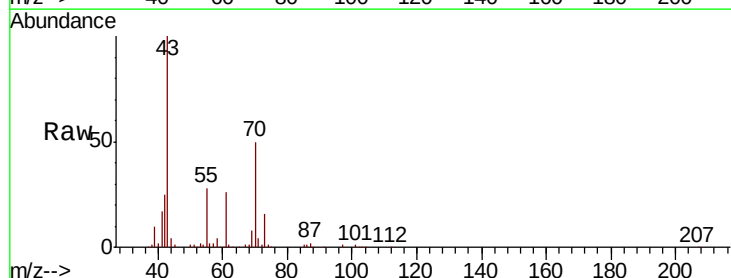
Ion Ratio Lower Upper

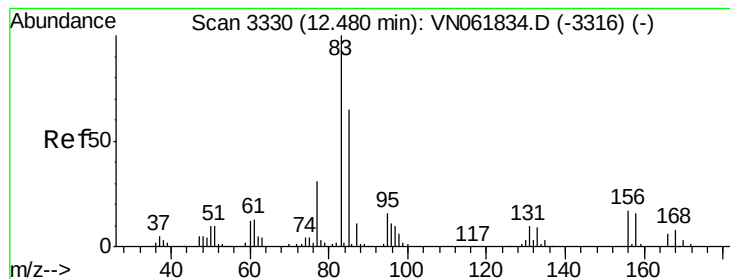
43 100

70 50.9 40.6 60.8

55 28.4 21.5 32.3

61 26.7 21.6 32.4





#75

1,1,2,2-Tetrachloroethane

Concen: 53.779 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. -0.00 min

Lab File: VN061915.D

Acq: 18 Jun 2020 21:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

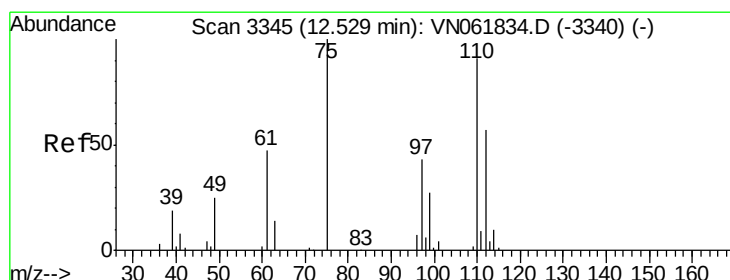
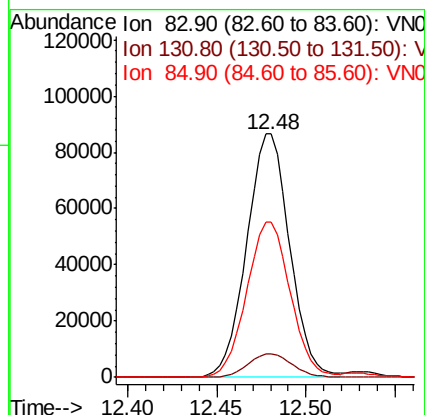
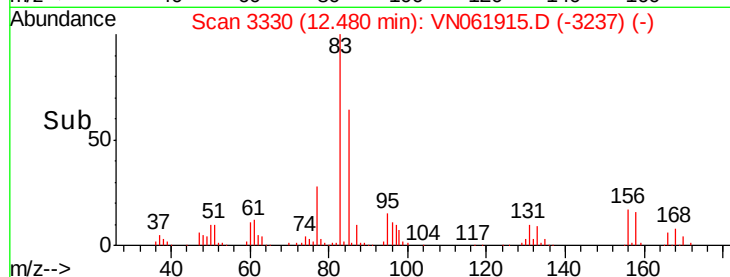
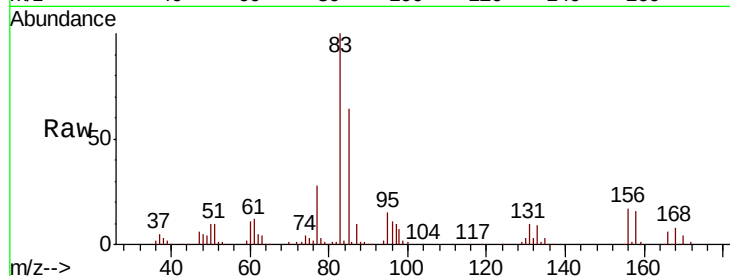
Tot Ion: 83 Resp: 145752

Ion Ratio Lower Upper

83 100

131 10.0 5.0 15.0

85 64.7 32.4 97.2



#76

1,2,3-Trichloropropane

Concen: 77.566 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN061915.D

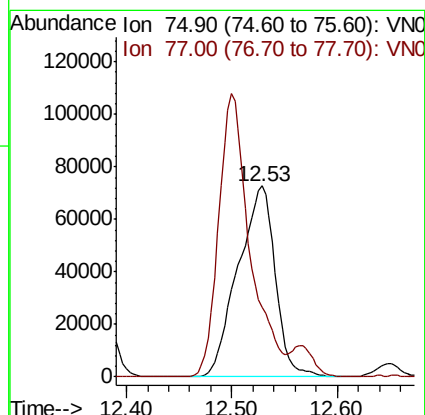
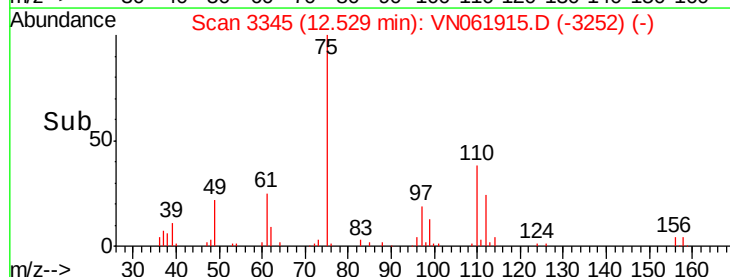
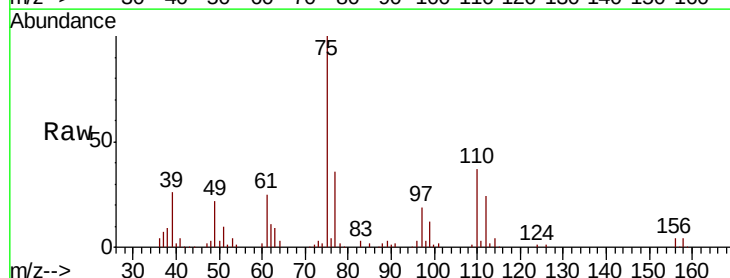
Acq: 18 Jun 2020 21:16

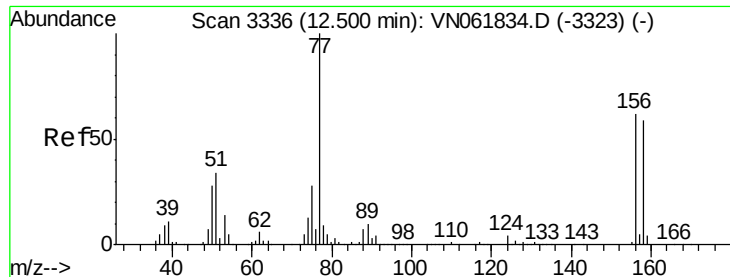
Tgt Ion: 75 Resp: 178636

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 54.085 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN061915.D

Acq: 18 Jun 2020 21:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

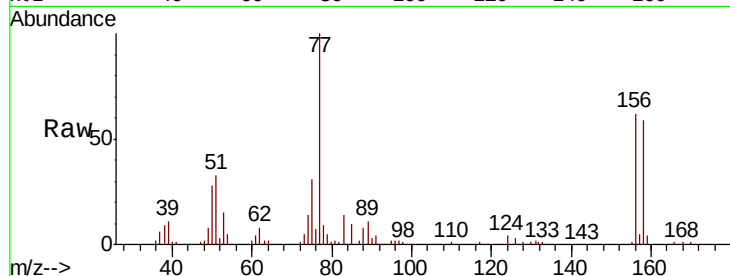
Tot Ion:156 Resp: 113743

Ion Ratio Lower Upper

156 100

77 195.1 100.7 302.1

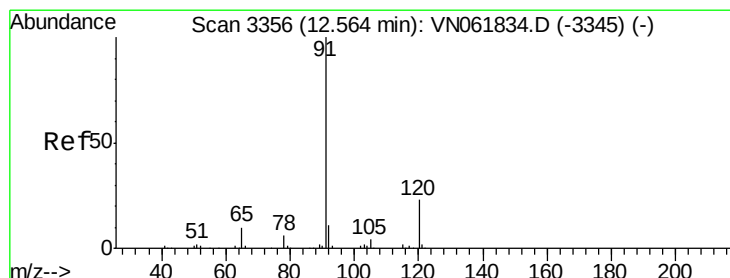
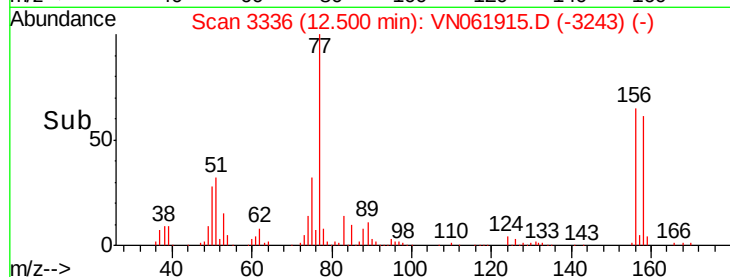
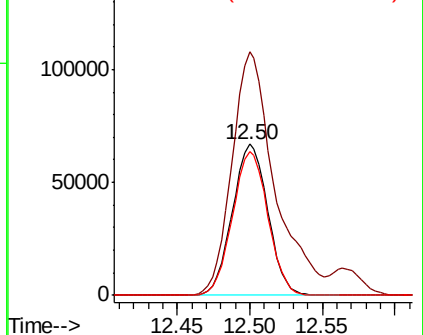
158 94.9 48.5 145.5



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.521 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN061915.D

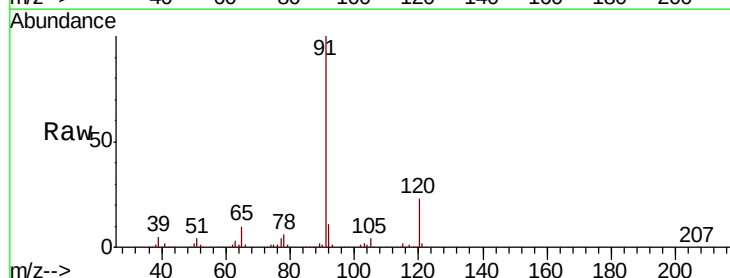
Acq: 18 Jun 2020 21:16

Tgt Ion: 91 Resp: 490050

Ion Ratio Lower Upper

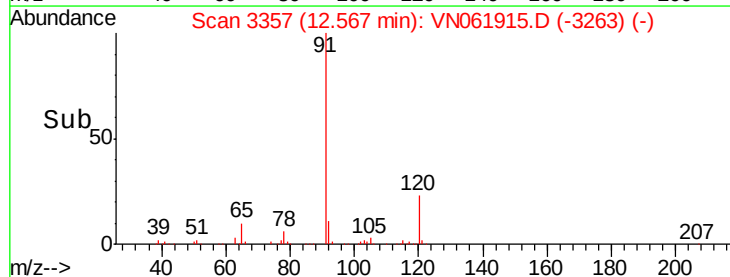
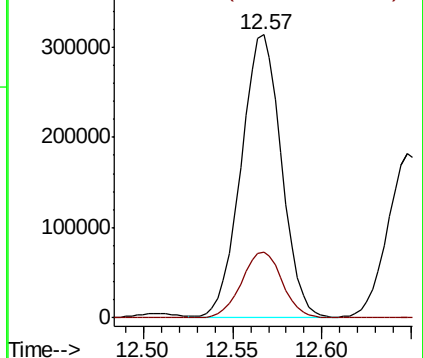
91 100

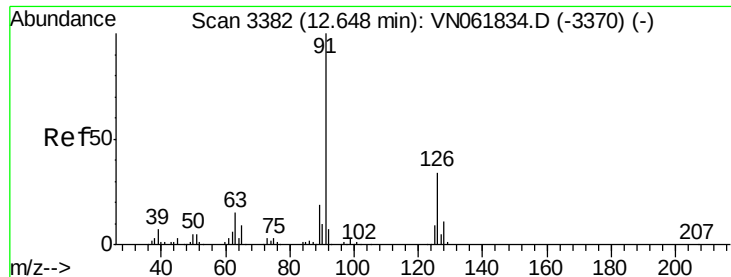
120 23.6 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

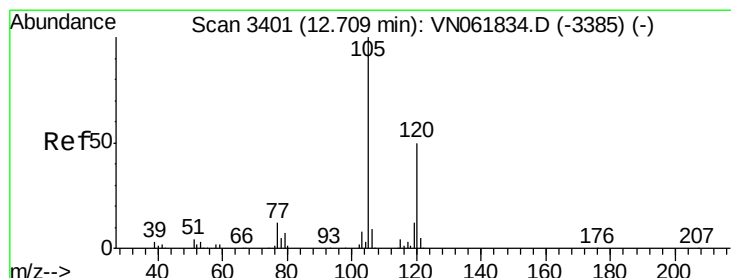
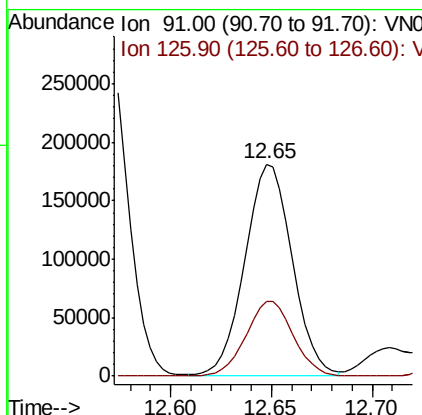
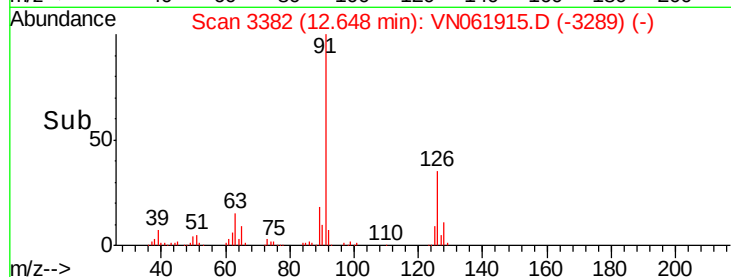
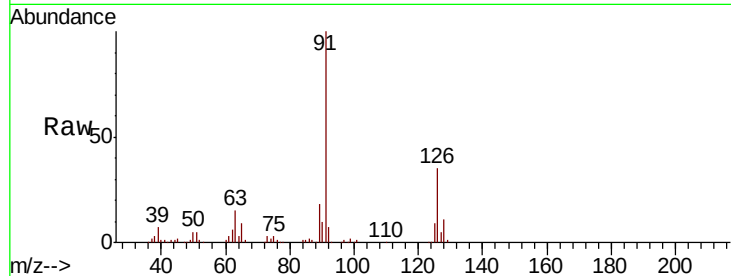




#79
 2-Chlorotoluene
 Concen: 51.665 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. -0.00 min
 Lab File: VN061915.D
 Acq: 18 Jun 2020 21:16

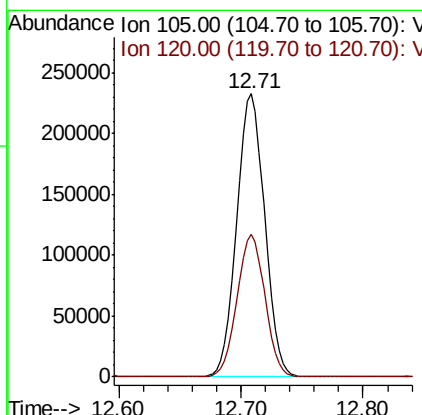
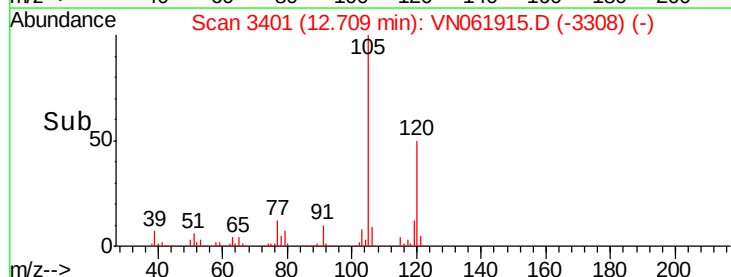
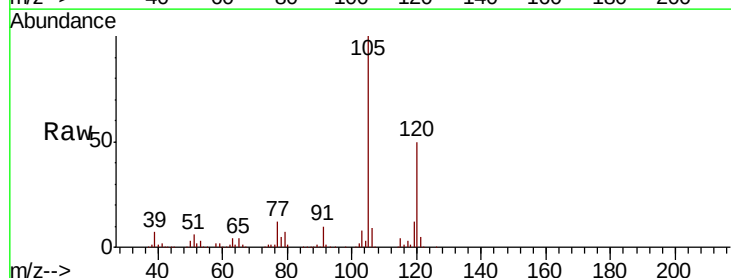
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

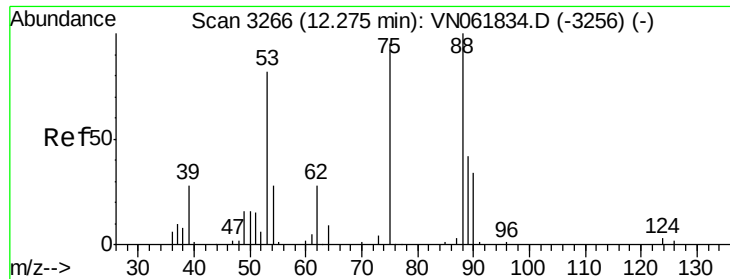
Tot Ion: 91 Resp: 295148
 Ion Ratio Lower Upper
 91 100
 126 35.5 17.3 51.7



#80
 1,3,5-Trimethylbenzene
 Concen: 53.459 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN061915.D
 Acq: 18 Jun 2020 21:16

Tgt Ion: 105 Resp: 368684
 Ion Ratio Lower Upper
 105 100
 120 50.0 24.9 74.7

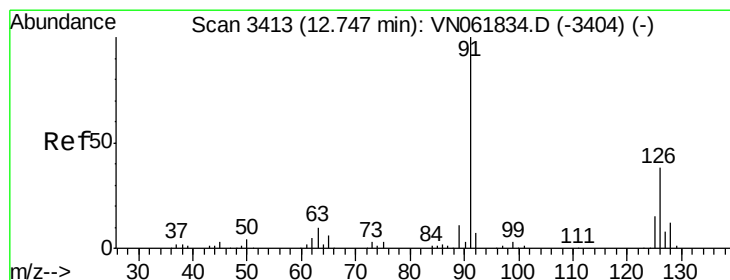
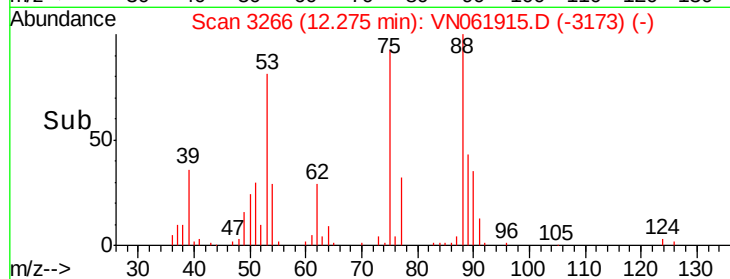
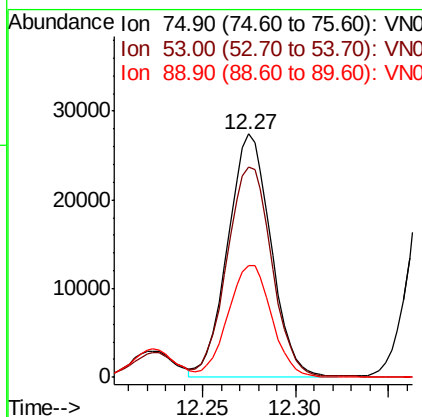
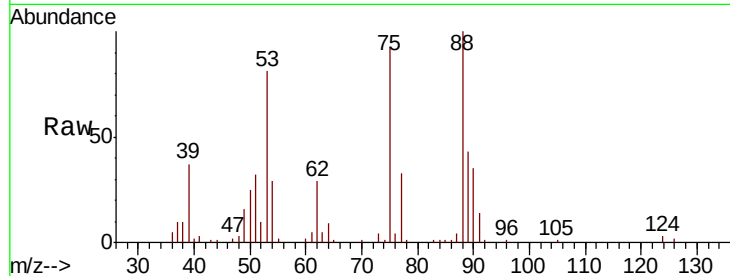




#81
trans-1,4-Dichloro-2-butene
Concen: 52.613 ug/l
RT: 12.27 min Scan# 3266
Delta R.T. -0.00 min
Lab File: VN061915.D
Acq: 18 Jun 2020 21:16

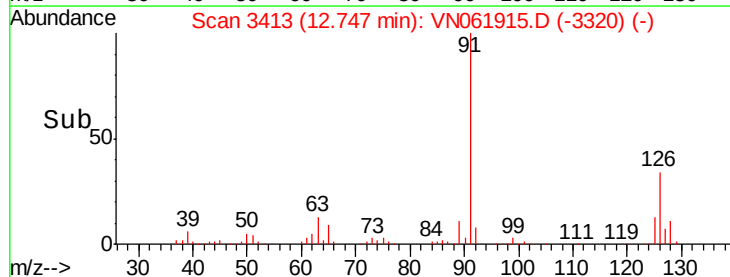
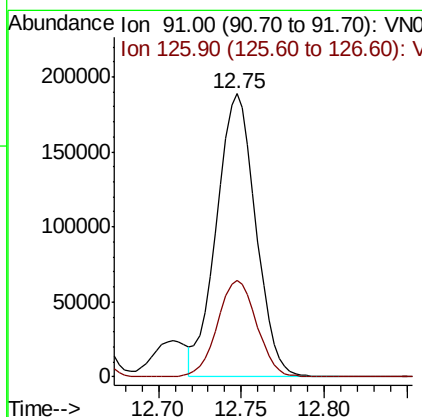
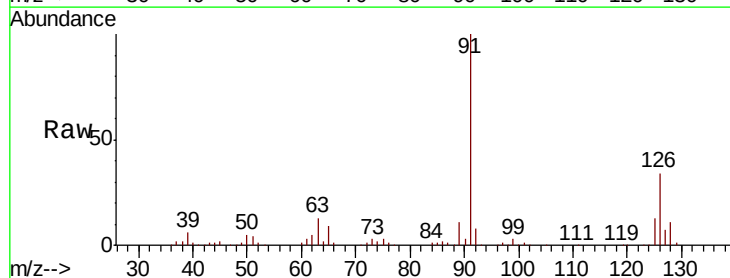
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

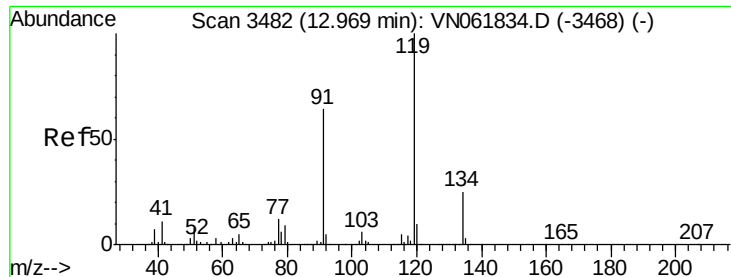
Tot Ion: 75 Resp: 44426
Ion Ratio Lower Upper
75 100
53 90.3 70.4 105.6
89 46.5 36.0 54.0



#82
4-Chlorotoluene
Concen: 52.221 ug/l
RT: 12.75 min Scan# 3413
Delta R.T. -0.00 min
Lab File: VN061915.D
Acq: 18 Jun 2020 21:16

Tgt Ion: 91 Resp: 308260
Ion Ratio Lower Upper
91 100
126 34.3 17.2 51.6

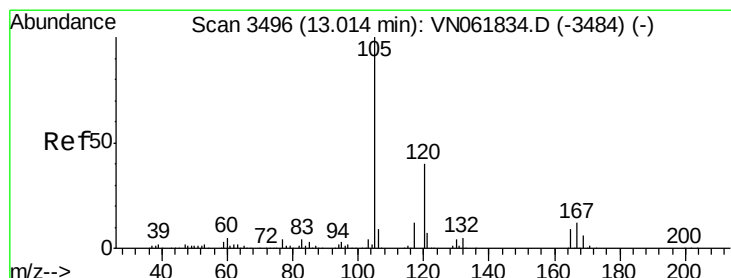
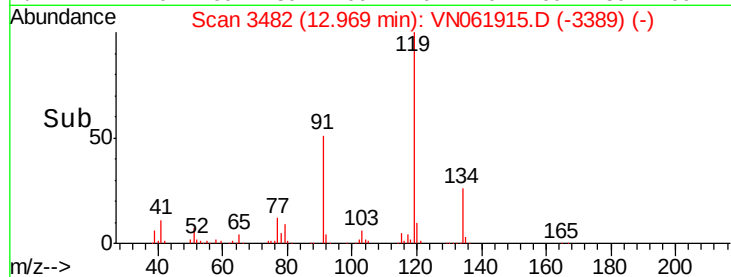
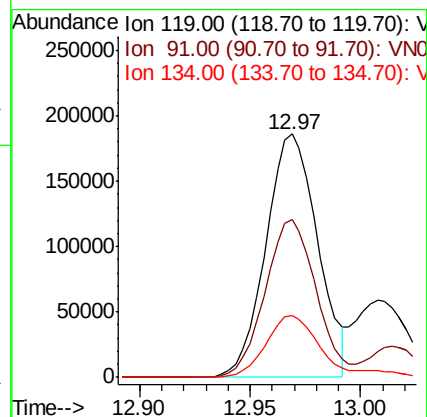
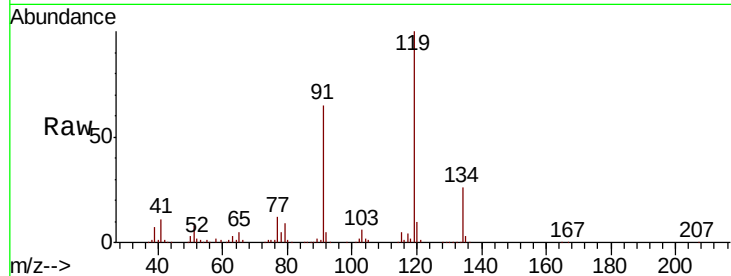




#83
tert-Butylbenzene
Concen: 51.825 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. -0.00 min
Lab File: VN061915.D
Acq: 18 Jun 2020 21:16

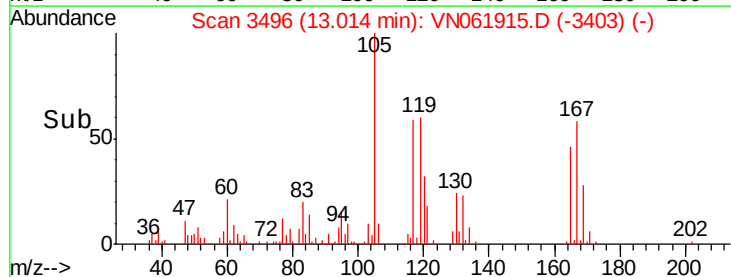
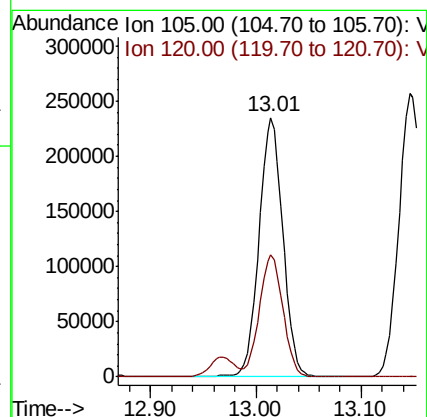
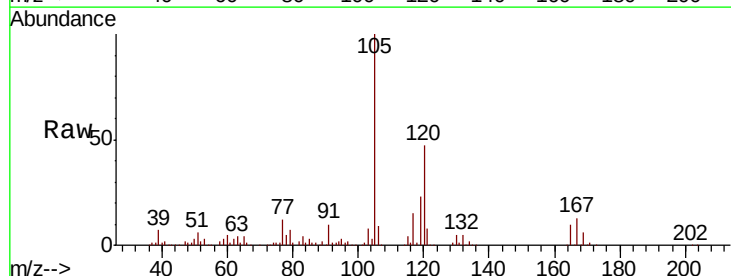
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

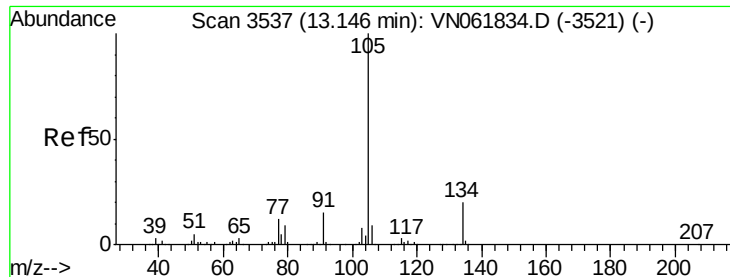
Tot Ion:119 Resp: 303003
Ion Ratio Lower Upper
119 100
91 64.2 31.5 94.5
134 27.7 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 54.640 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. -0.00 min
Lab File: VN061915.D
Acq: 18 Jun 2020 21:16

Tgt Ion:105 Resp: 371975
Ion Ratio Lower Upper
105 100
120 47.0 23.3 69.9





#85

sec-Butylbenzene

Concen: 52.281 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN061915.D

Acq: 18 Jun 2020 21:16

Instrument :

MSVOA_N

ClientSampleId :

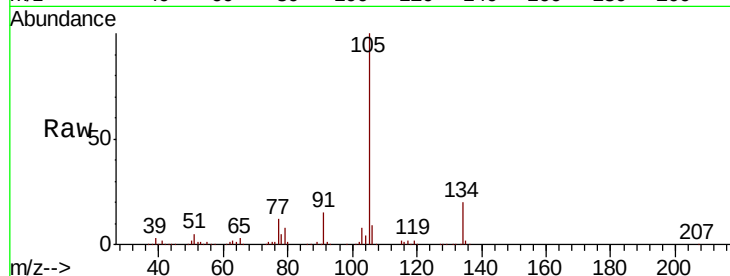
VSTDCCC050EC

Tot Ion:105 Resp: 400089

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

300000

250000

200000

150000

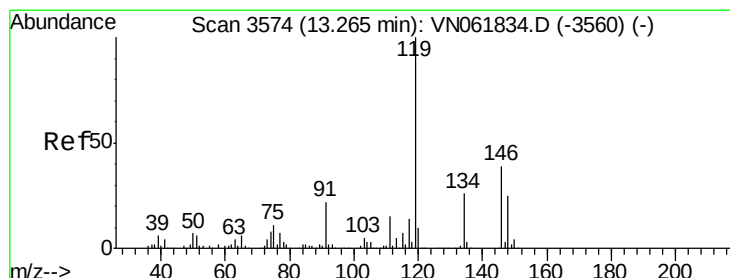
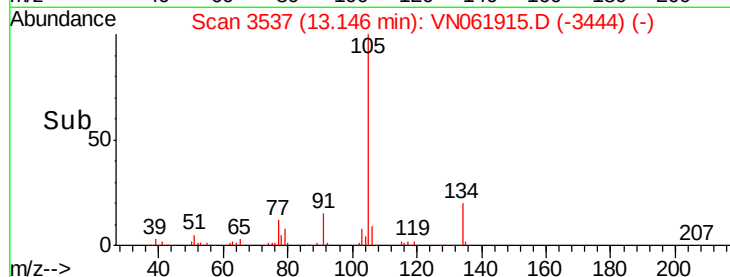
100000

50000

0

13.10 13.15 13.20

Time-->



#86

p-Isopropyltoluene

Concen: 53.624 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN061915.D

Acq: 18 Jun 2020 21:16

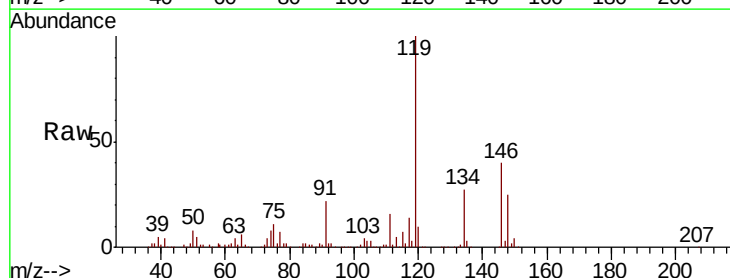
Tgt Ion:119 Resp: 365666

Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.9

91 22.3 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

300000

250000

200000

150000

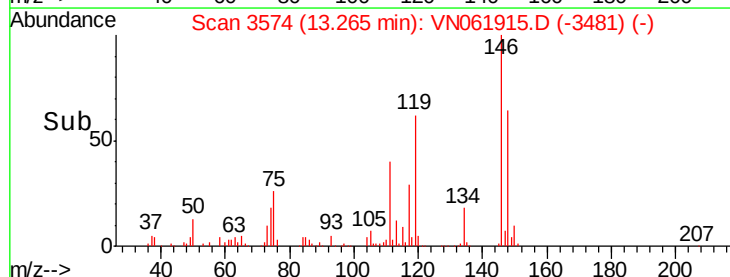
100000

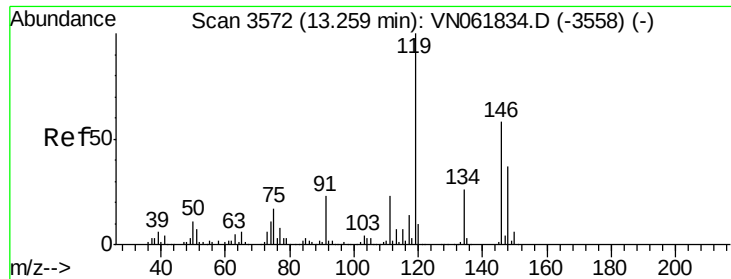
50000

0

13.20 13.25 13.30 13.35

Time-->

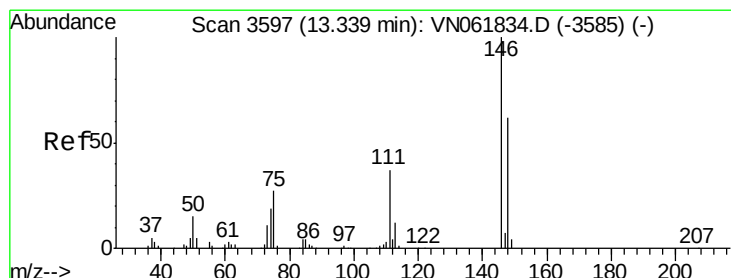
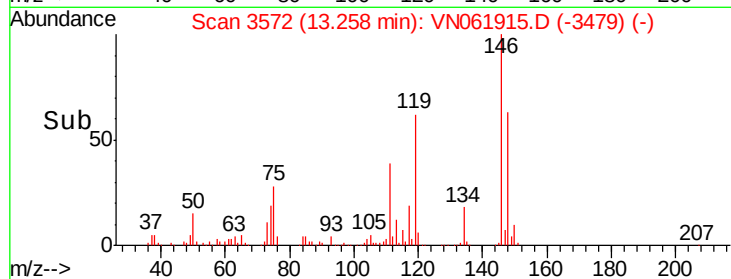
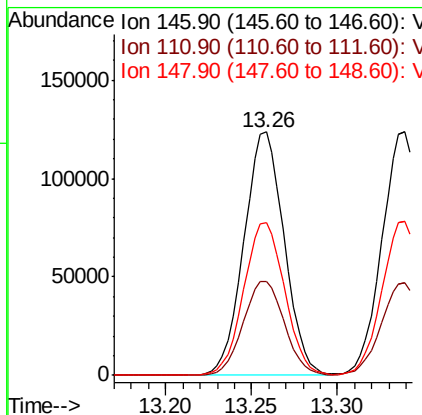
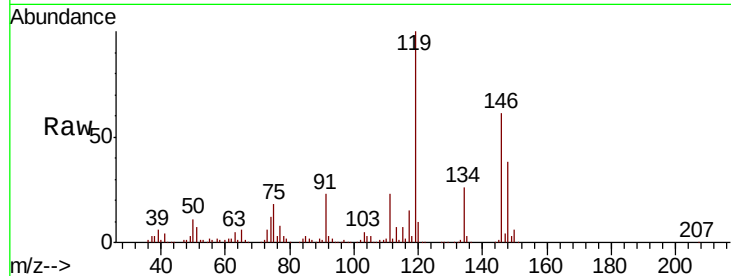




#87
 1,3-Dichlorobenzene
 Concen: 52.467 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN061915.D
 Acq: 18 Jun 2020 21:16

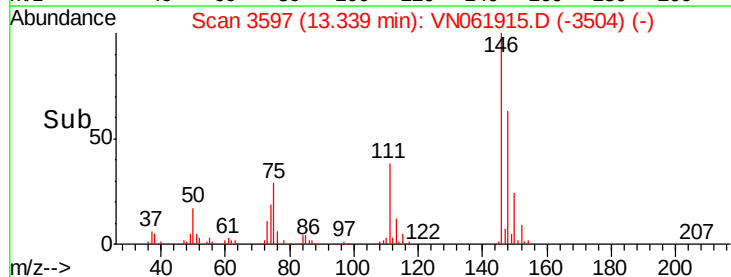
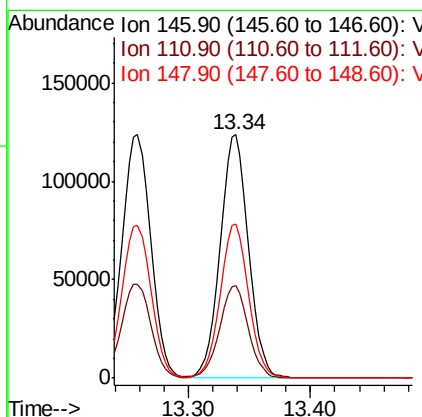
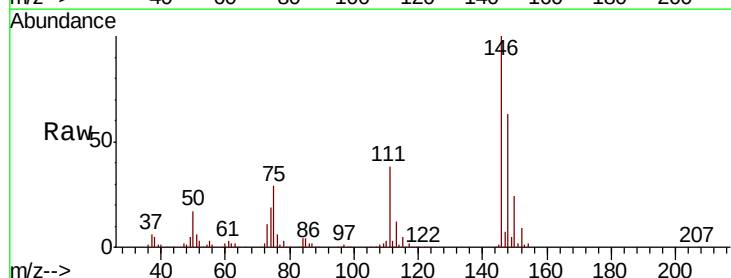
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

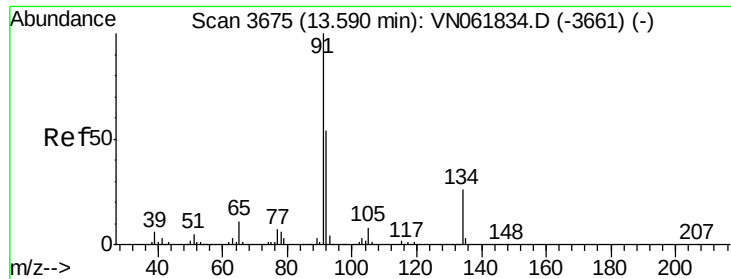
Tot Ion:146 Resp: 201246
 Ion Ratio Lower Upper
 146 100
 111 39.6 19.6 58.8
 148 63.9 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 51.559 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN061915.D
 Acq: 18 Jun 2020 21:16

Tgt Ion:146 Resp: 202434
 Ion Ratio Lower Upper
 146 100
 111 38.6 19.3 57.8
 148 63.4 31.6 94.7





#89

n-Butylbenzene

Concen: 51.323 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. -0.00 min

Lab File: VN061915.D

Acq: 18 Jun 2020 21:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

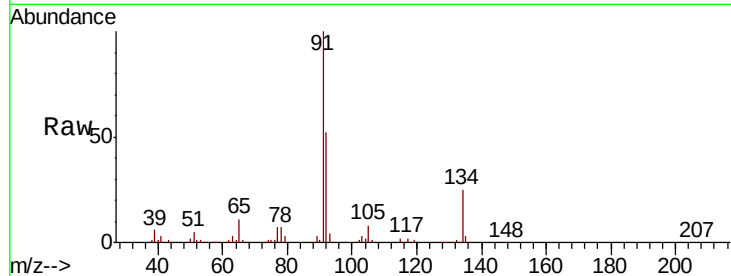
Tot Ion: 91 Resp: 292279

Ion Ratio Lower Upper

91 100

92 52.9 27.0 80.8

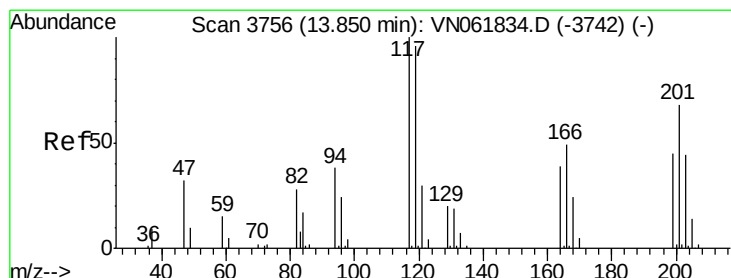
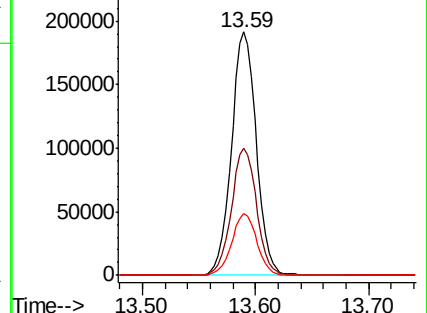
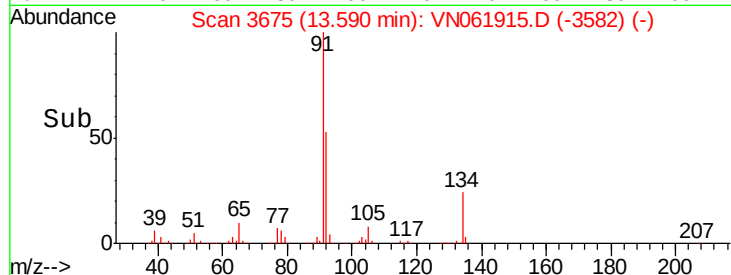
134 25.7 13.0 39.0



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: 53.432 ug/l

RT: 13.85 min Scan# 3756

Delta R.T. -0.00 min

Lab File: VN061915.D

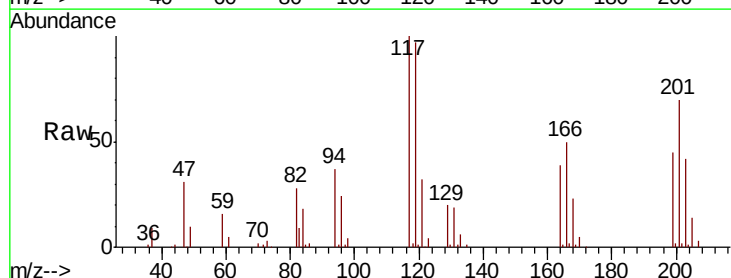
Acq: 18 Jun 2020 21:16

Tgt Ion: 117 Resp: 66697

Ion Ratio Lower Upper

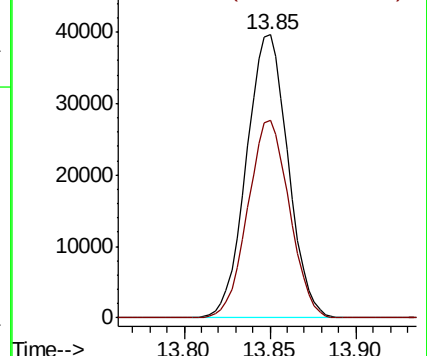
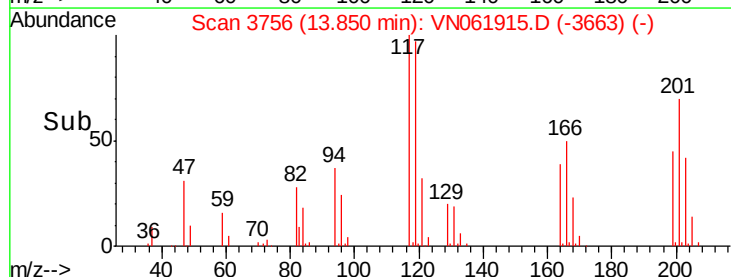
117 100

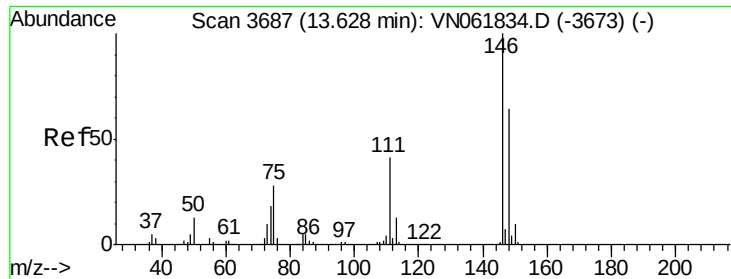
201 69.5 34.6 103.8



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

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

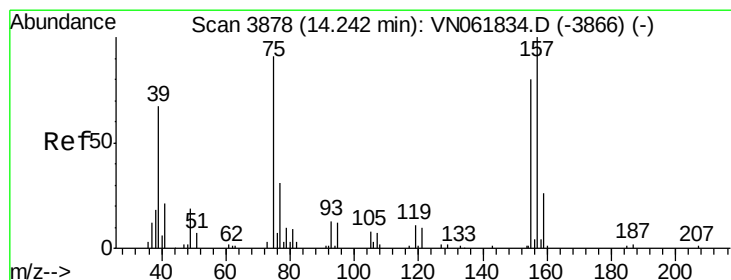
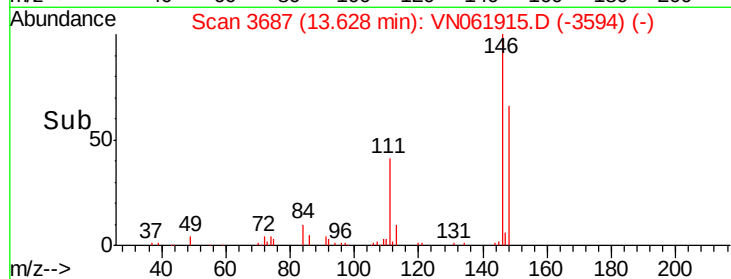
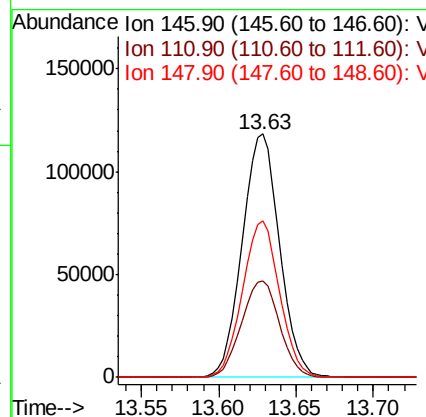
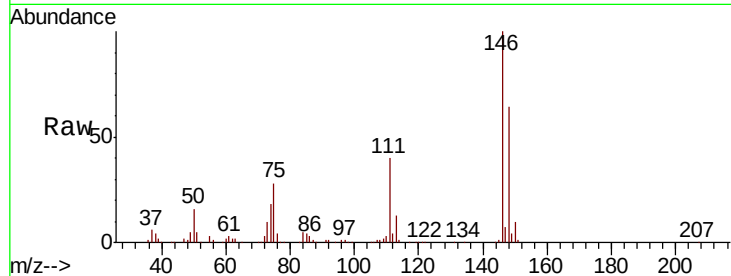




#91
 1,2-Dichlorobenzene
 Concen: 53.868 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN061915.D
 Acq: 18 Jun 2020 21:16

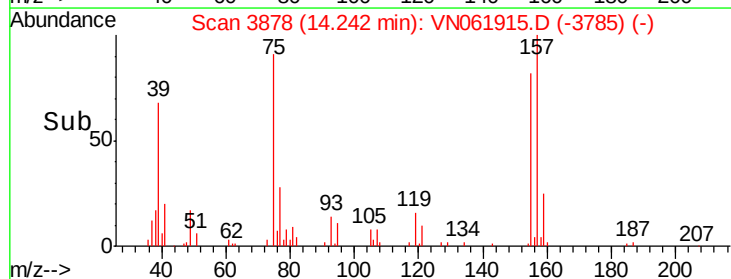
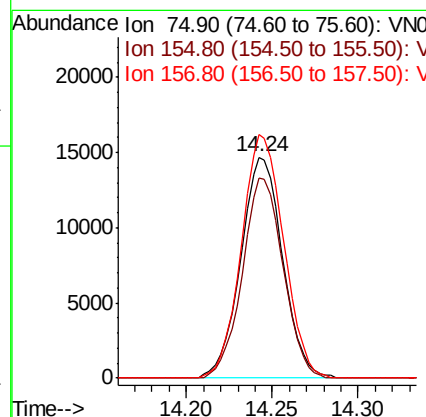
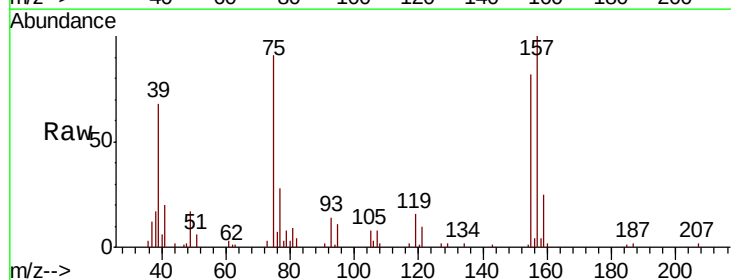
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

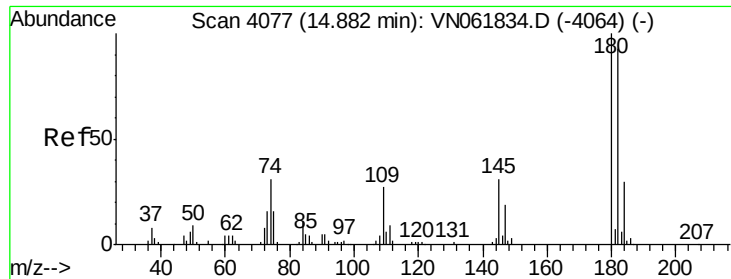
Tot Ion:146 Resp: 198914
 Ion Ratio Lower Upper
 146 100
 111 40.6 20.4 61.2
 148 63.8 31.8 95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 56.549 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. -0.00 min
 Lab File: VN061915.D
 Acq: 18 Jun 2020 21:16

Tgt Ion: 75 Resp: 24881
 Ion Ratio Lower Upper
 75 100
 155 87.9 44.4 133.2
 157 111.0 57.0 171.2

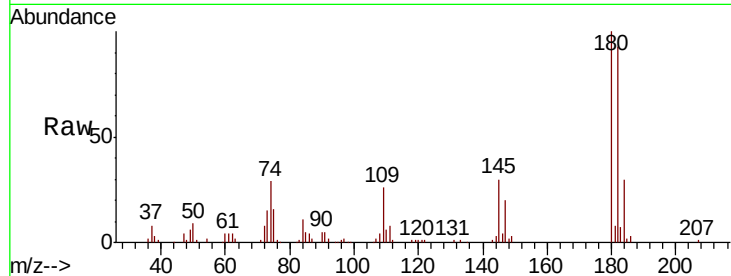




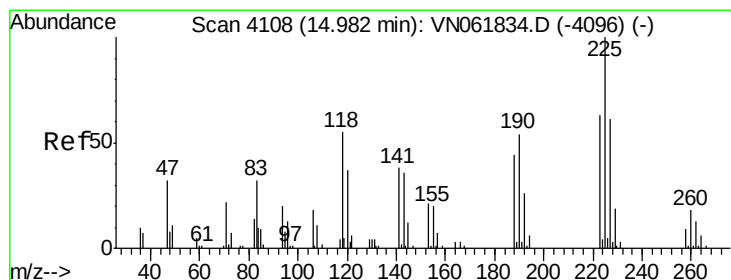
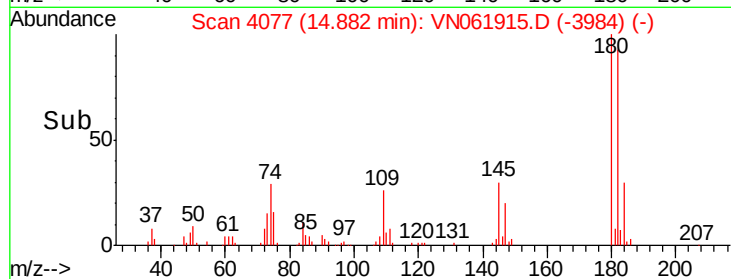
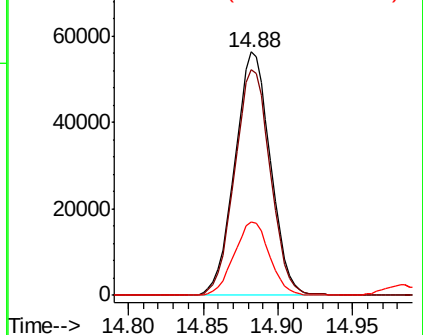
#93
 1,2,4-Trichlorobenzene
 Concen: 53.651 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN061915.D
 Acq: 18 Jun 2020 21:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:180 Resp: 93485
 Ion Ratio Lower Upper
 180 100
 182 92.7 47.0 141.2
 145 29.9 15.8 47.3

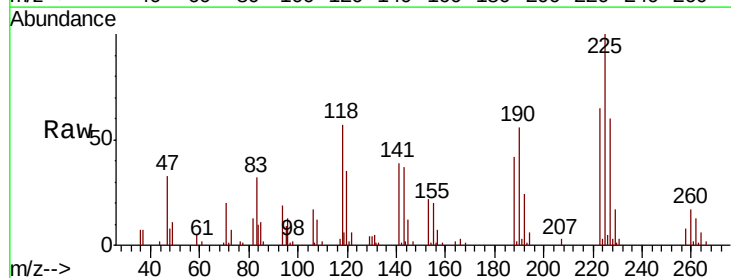


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

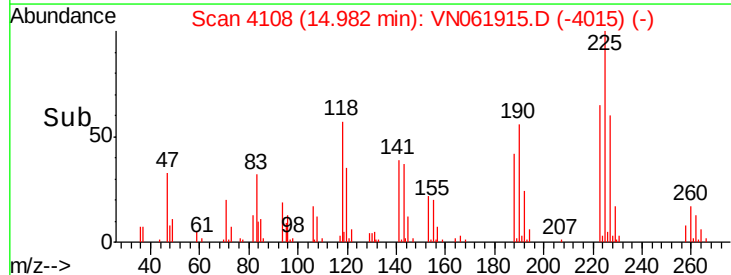
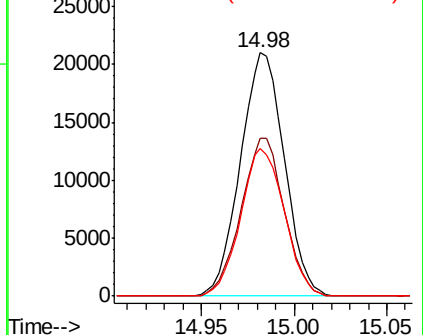


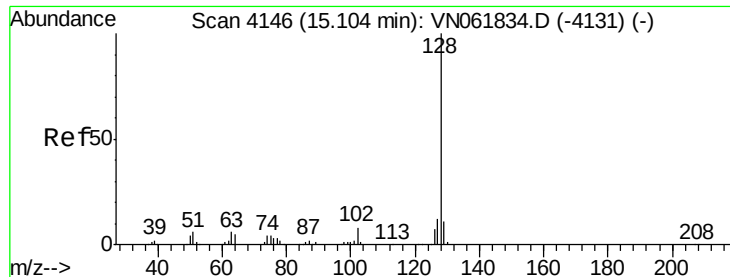
#94
 Hexachlorobutadiene
 Concen: 50.264 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN061915.D
 Acq: 18 Jun 2020 21:16

Tgt Ion:225 Resp: 34495
 Ion Ratio Lower Upper
 225 100
 223 63.7 31.7 95.1
 227 60.1 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

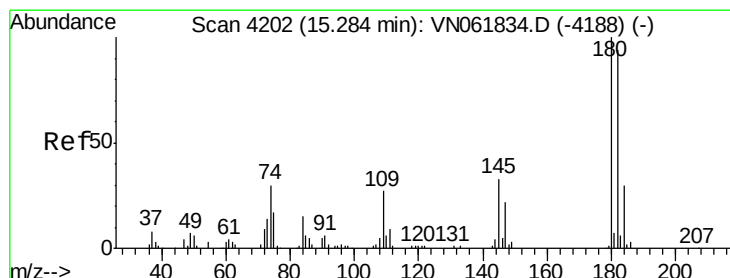
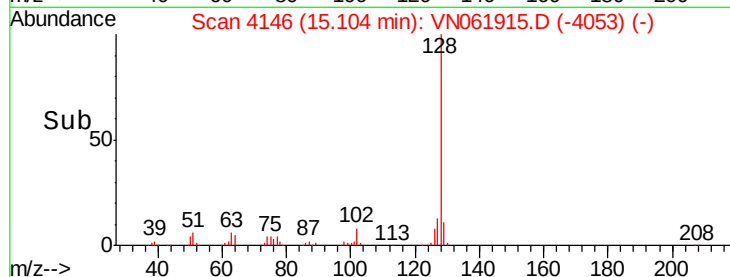
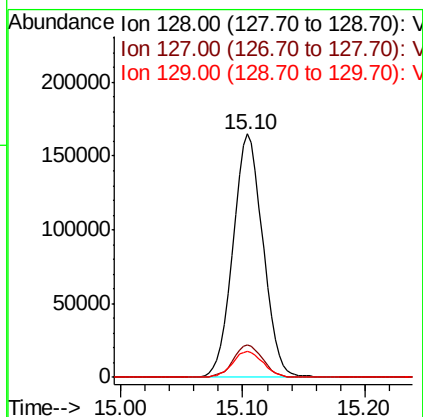
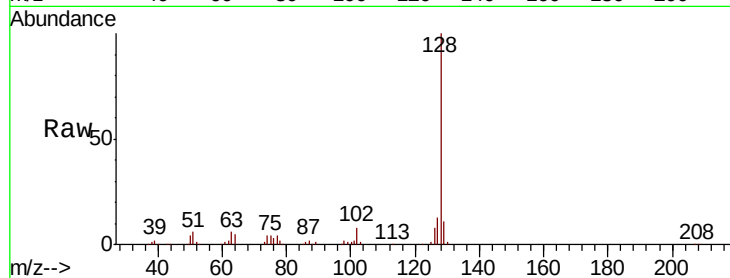




#95
Naphthalene
Concen: 48.355 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN061915.D
Acq: 18 Jun 2020 21:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 281442
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 55.055 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN061915.D
Acq: 18 Jun 2020 21:16

Tgt Ion:180 Resp: 95008
Ion Ratio Lower Upper
180 100
182 95.5 47.9 143.6
145 33.3 16.5 49.5

