

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061920\
 Data File : VN061969.D
 Acq On : 19 Jun 2020 22:24
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 22 00:39:11 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	162886	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	286633	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	265252	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	131157	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	113701	52.05	ug/l	0.00
Spiked Amount			Recovery	=	104.10%	
35) Dibromofluoromethane	7.55	113	94325	51.44	ug/l	0.00
Spiked Amount			Recovery	=	102.88%	
50) Toluene-d8	10.06	98	373347	51.79	ug/l	0.00
Spiked Amount			Recovery	=	103.58%	
62) 4-Bromofluorobenzene	12.38	95	131817	53.31	ug/l	0.00
Spiked Amount			Recovery	=	106.62%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	105949	49.990	ug/l	100
3) Chloromethane	2.03	50	114923	50.830	ug/l	98
4) Vinyl Chloride	2.16	62	147885	54.867	ug/l	100
5) Bromomethane	2.52	94	90716	43.828	ug/l	96
6) Chloroethane	2.66	64	95403	52.300	ug/l	100
7) Trichlorofluoromethane	2.98	101	155204	48.207	ug/l	98
8) Diethyl Ether	3.37	74	60026	55.459	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	85580	51.813	ug/l	99
10) Methyl Iodide	3.91	142	103031	51.506	ug/l	98
11) Tert butyl alcohol	4.74	59	77532	256.477	ug/l	99
12) 1,1-Dichloroethene	3.69	96	87926	53.128	ug/l	97
13) Acrolein	3.56	56	57338	317.355	ug/l	99
14) Allyl chloride	4.27	41	119336	54.329	ug/l	99
15) Acrylonitrile	4.93	53	222488	297.031	ug/l	99
16) Acetone	3.77	43	171931	266.447	ug/l	100
17) Carbon Disulfide	4.00	76	237576	49.060	ug/l	98
18) Methyl Acetate	4.27	43	105796	56.948	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	301289	54.676	ug/l	99
20) Methylene Chloride	4.50	84	103974	49.457	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	97406	51.241	ug/l	98
22) Diisopropyl ether	5.90	45	274305	54.603	ug/l	96
23) Vinyl Acetate	5.84	43	1114093	281.971	ug/l	98
24) 1,1-Dichloroethane	5.80	63	173375	52.721	ug/l	99
25) 2-Butanone	6.79	43	272508	289.454	ug/l	98
26) 2,2-Dichloropropane	6.77	77	131397	47.492	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	114592	52.244	ug/l	100
28) Bromochloromethane	7.15	49	79689	54.424	ug/l	94
29) Tetrahydrofuran	7.17	42	180229	290.889	ug/l	99
30) Chloroform	7.33	83	179939	51.198	ug/l	100
31) Cyclohexane	7.61	56	143542	49.862	ug/l	100
32) 1,1,1-Trichloroethane	7.53	97	156161	52.173	ug/l	99
36) 1,1-Dichloropropene	7.75	75	134604	51.485	ug/l	100
37) Ethyl Acetate	6.88	43	117702	57.652	ug/l	100
38) Carbon Tetrachloride	7.73	117	130260	50.313	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	148091	52.605	ug/l	98
40) Benzene	8.00	78	412497	52.085	ug/l	99
41) Methacrylonitrile	7.12	41	45441	52.051	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	141160	52.274	ug/l	100
43) Isopropyl Acetate	8.13	43	198547	57.707	ug/l #	90
44) Trichloroethene	8.80	130	104236	50.011	ug/l	99
45) 1,2-Dichloropropane	9.09	63	103984	53.428	ug/l	100
46) Dibromomethane	9.18	93	72011	52.542	ug/l	98
47) Bromodichloromethane	9.37	83	146503	52.204	ug/l	98
48) Methyl methacrylate	9.17	41	86866	55.518	ug/l	99
49) 1,4-Dioxane	9.17	88	36641	1020.001	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	600589	295.397	ug/l	100
52) Toluene	10.12	92	270438	54.373	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	160872	53.998	ug/l	96
54) cis-1,3-Dichloropropene	9.81	75	172348	53.262	ug/l	100
55) 1,1,2-Trichloroethane	10.53	97	105473	53.897	ug/l	97
56) Ethyl methacrylate	10.40	69	153061	51.135	ug/l	98
57) 1,3-Dichloropropane	10.68	76	177872	53.652	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	294503	285.150	ug/l	98
59) 2-Hexanone	10.72	43	439362	269.392	ug/l	99
60) Dibromochloromethane	10.87	129	114309	52.348	ug/l	99
61) 1,2-Dibromoethane	10.98	107	107853	52.781	ug/l	98
64) Tetrachloroethene	10.60	164	87488	51.749	ug/l	98
65) Chlorobenzene	11.41	112	284331	50.800	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	103588	53.066	ug/l	99
67) Ethyl Benzene	11.48	91	507617	54.093	ug/l	99
68) m/p-Xylenes	11.59	106	391406	108.166	ug/l	99
69) o-Xylene	11.92	106	188079	54.474	ug/l	98
70) Styrene	11.94	104	322871	55.850	ug/l	100
71) Bromoform	12.10	173	78107	54.876	ug/l #	98
73) Isopropylbenzene	12.22	105	498273	53.462	ug/l	100
74) N-amyl acetate	12.04	43	180414	53.241	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	159736	52.715	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	198641	77.144	ug/l #	100
77) Bromobenzene	12.50	156	120644	51.308	ug/l	98
78) n-propylbenzene	12.57	91	565217	53.148	ug/l	99
79) 2-Chlorotoluene	12.65	91	336573	52.695	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	410898	53.289	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	51418	54.463	ug/l	99
82) 4-Chlorotoluene	12.75	91	351107	53.199	ug/l	98
83) tert-Butylbenzene	12.97	119	354338	54.205	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	413201	54.286	ug/l	100
85) sec-Butylbenzene	13.15	105	467963	54.693	ug/l	99
86) p-Isopropyltoluene	13.26	119	416682	54.652	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	217070	50.616	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	214846	48.942	ug/l	98
89) n-Butylbenzene	13.59	91	344430	54.093	ug/l	99
90) Hexachloroethane	13.85	117	75791	54.306	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	213769	51.778	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	28465	57.863	ug/l	94

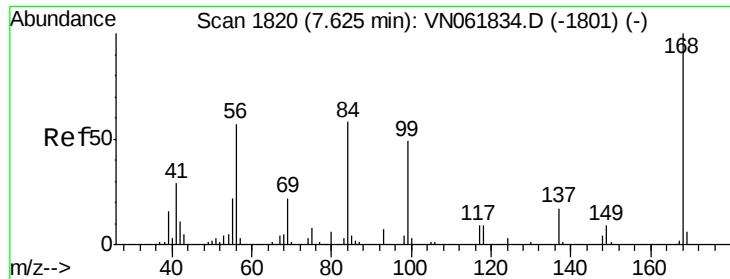
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	103095	52.918	ug/l	100
94) Hexachlorobutadiene	14.98	225	40730	53.082	ug/l	97
95) Naphthalene	15.10	128	305993	47.118	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	103159	53.466	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN061969.D

Acq: 19 Jun 2020 22:24

Instrument :

MSVOA_N

ClientSampleId :

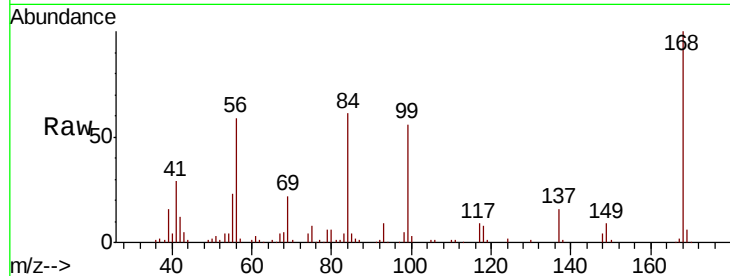
VSTDCCC050

Tot Ion:168 Resp: 162886

Ion Ratio Lower Upper

168 100

99 55.9 44.6 67.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

80000

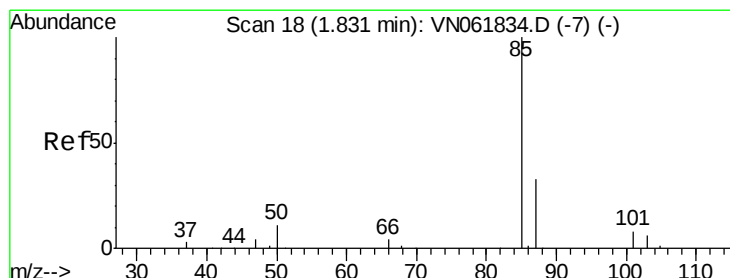
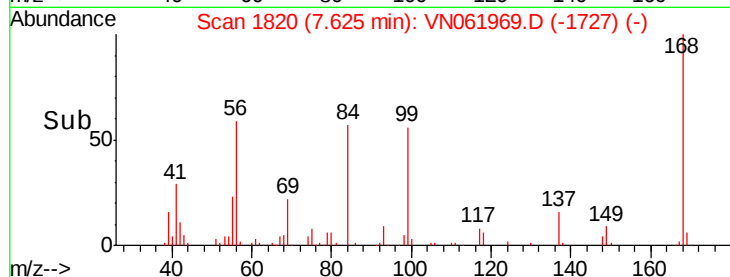
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 49.990 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061969.D

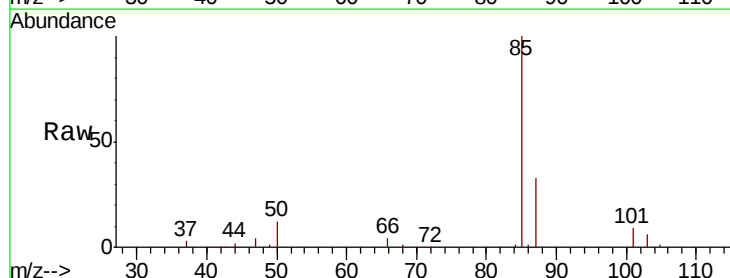
Acq: 19 Jun 2020 22:24

Tgt Ion: 85 Resp: 105949

Ion Ratio Lower Upper

85 100

87 32.9 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

80000

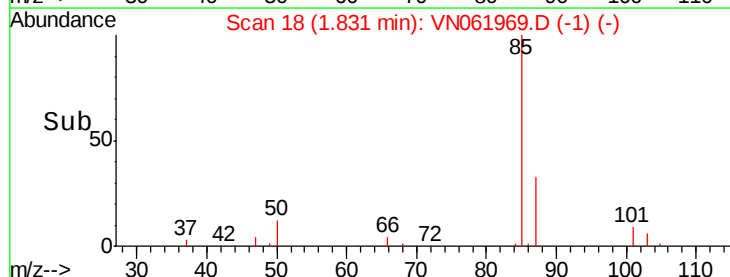
60000

40000

20000

0

Time--> 1.75 1.80 1.85 1.90





#3

Chloromethane

Concen: 50.830 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN061969.D

Acq: 19 Jun 2020 22:24

Instrument :

MSVOA_N

ClientSampleId :

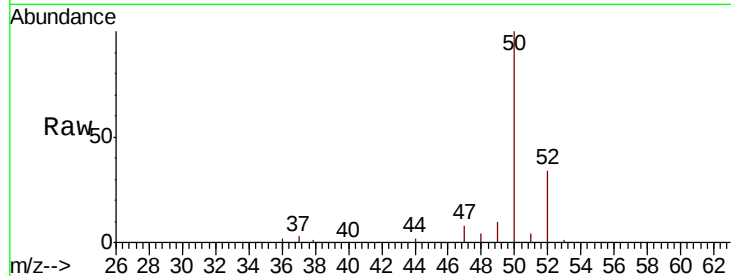
VSTDCCC050

Tot Ion: 50 Resp: 114923

Ion Ratio Lower Upper

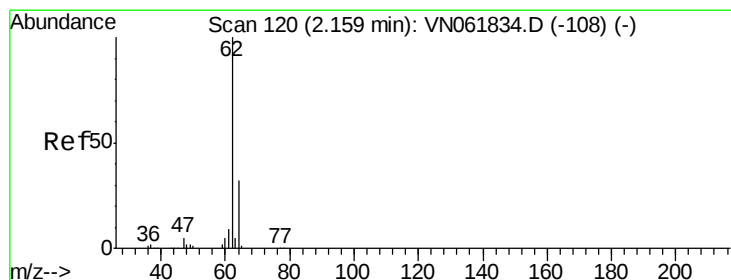
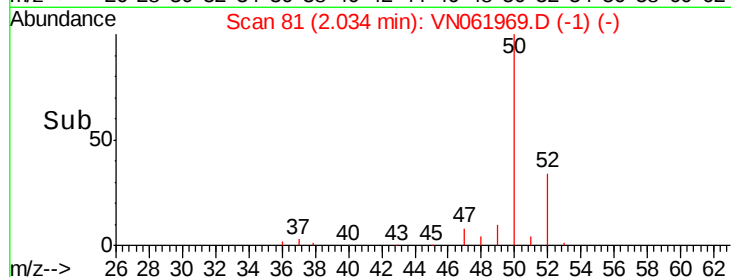
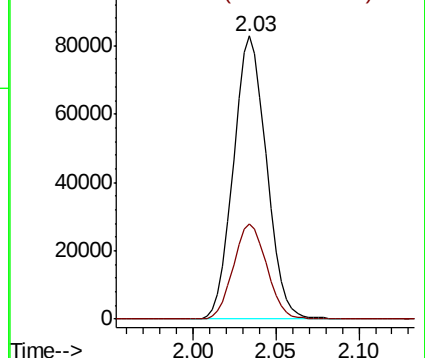
50 100

52 33.8 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 54.867 ug/l

RT: 2.16 min Scan# 119

Delta R.T. -0.00 min

Lab File: VN061969.D

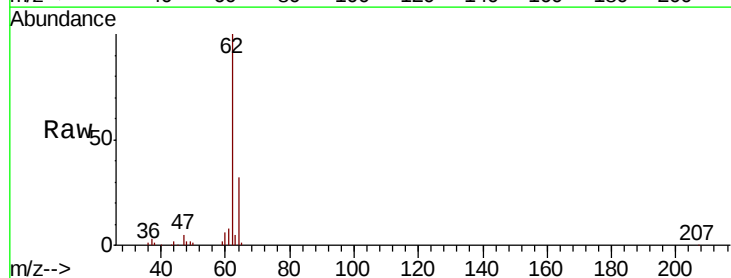
Acq: 19 Jun 2020 22:24

Tgt Ion: 62 Resp: 147885

Ion Ratio Lower Upper

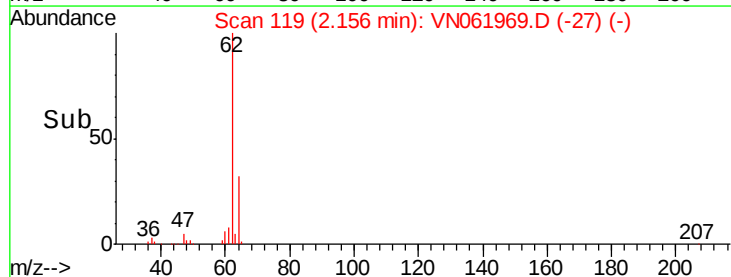
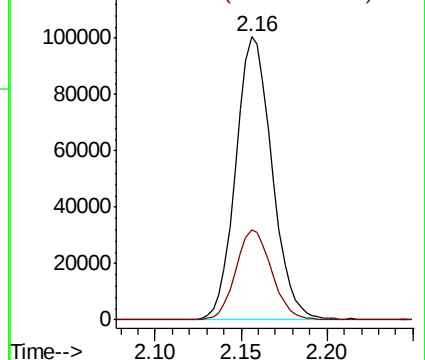
62 100

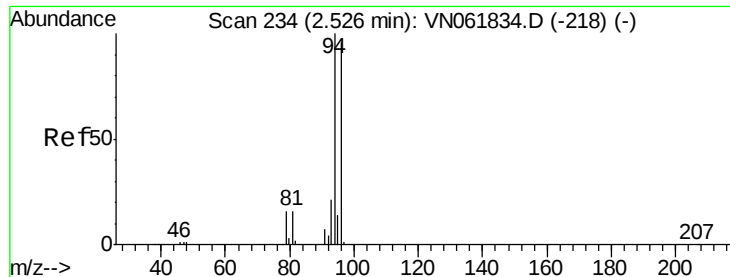
64 31.8 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 43.828 ug/l

RT: 2.52 min Scan# 231

Delta R.T. -0.01 min

Lab File: VN061969.D

Acq: 19 Jun 2020 22:24

Instrument :

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ClientSampleId :

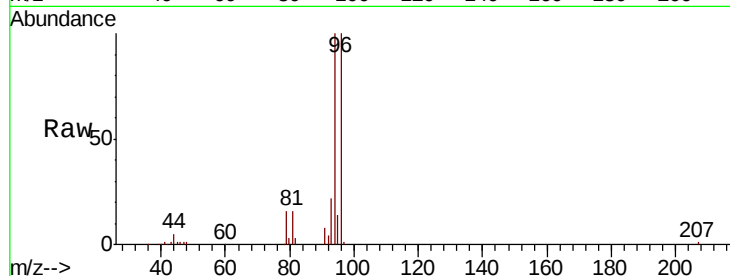
VSTDCCC050

Tot Ion: 94 Resp: 90716

Ion Ratio Lower Upper

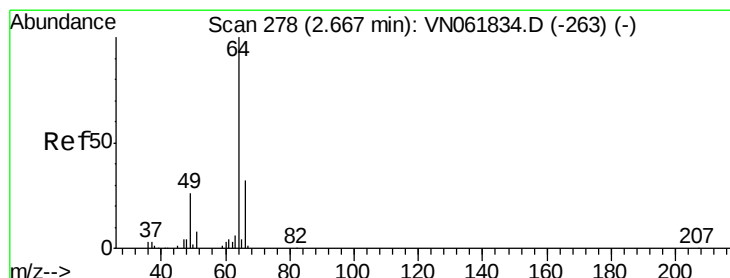
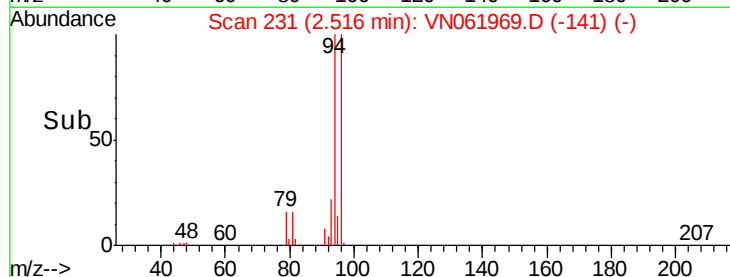
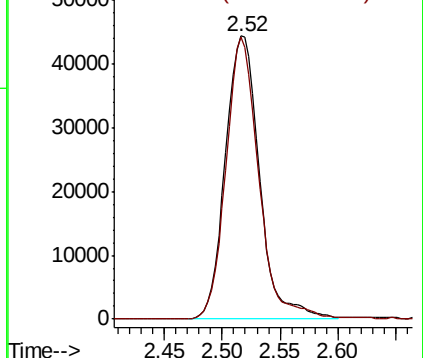
94 100

96 99.7 76.7 115.1



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 52.300 ug/l

RT: 2.66 min Scan# 276

Delta R.T. -0.01 min

Lab File: VN061969.D

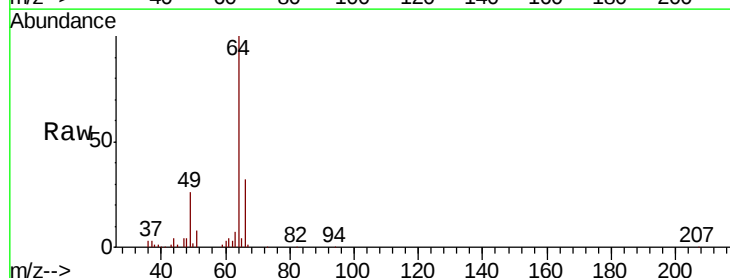
Acq: 19 Jun 2020 22:24

Tgt Ion: 64 Resp: 95403

Ion Ratio Lower Upper

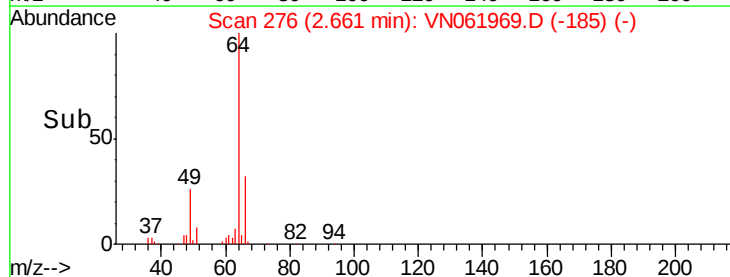
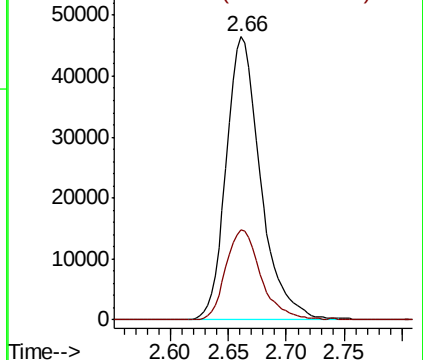
64 100

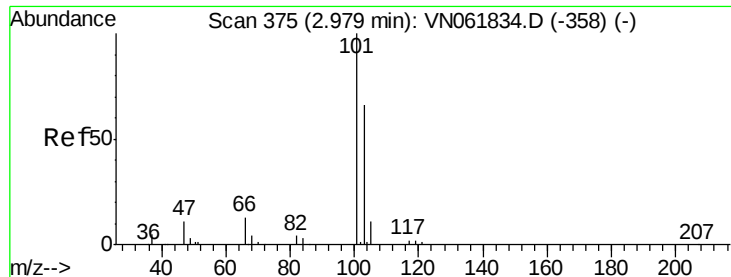
66 31.9 25.4 38.2



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



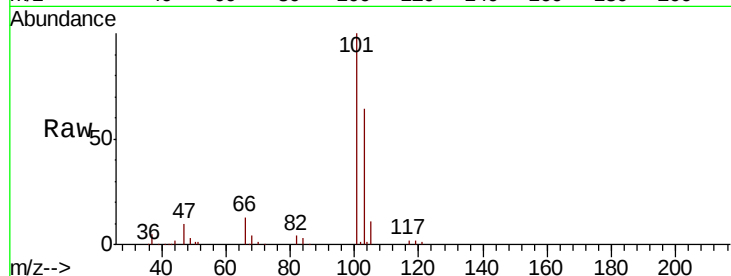


#7

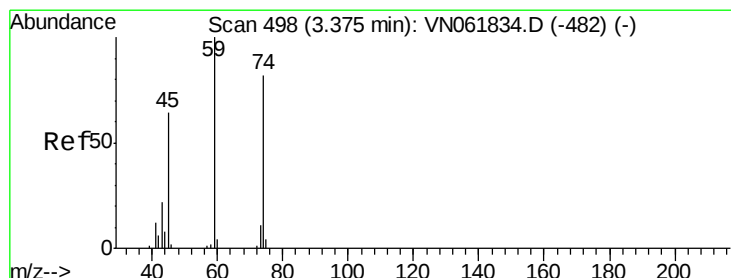
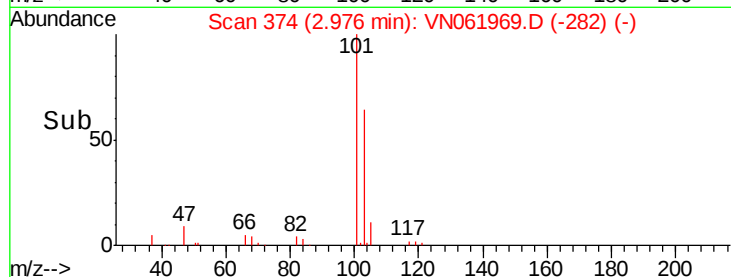
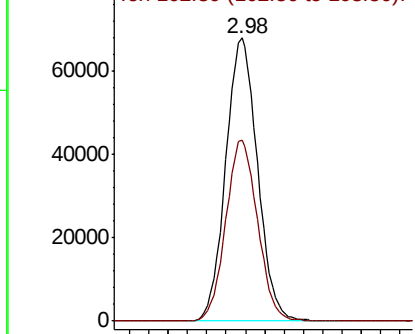
Trichlorofluoromethane
Concen: 48.207 ug/l
RT: 2.98 min Scan# 374
Delta R.T. -0.00 min
Lab File: VN061969.D
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Tot Ion:101 Resp: 155204
Ion Ratio Lower Upper
101 100
103 64.0 52.8 79.2



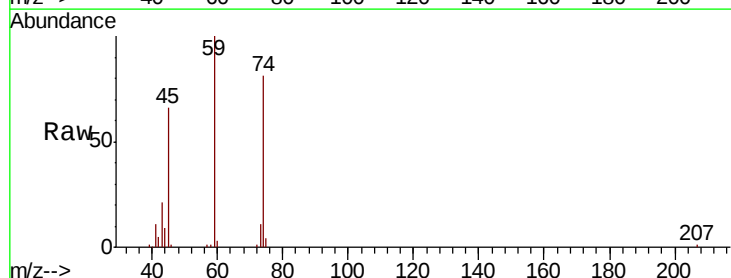
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



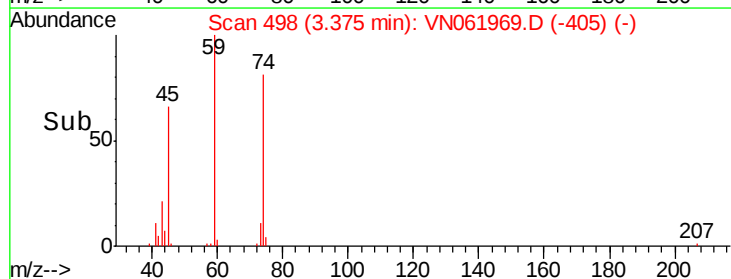
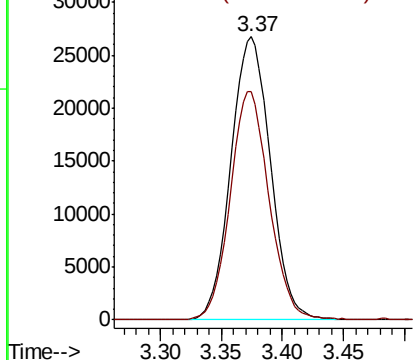
#8

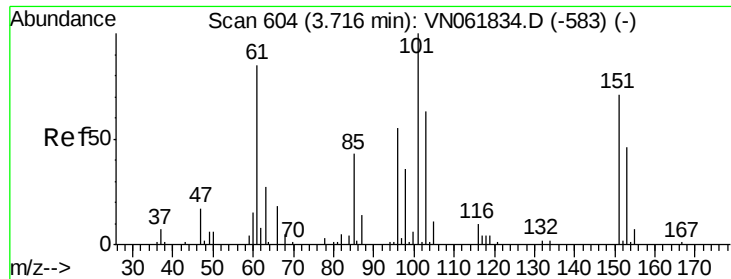
Diethyl Ether
Concen: 55.459 ug/l
RT: 3.37 min Scan# 498
Delta R.T. 0.00 min
Lab File: VN061969.D
Acq: 19 Jun 2020 22:24

Tgt Ion: 74 Resp: 60026
Ion Ratio Lower Upper
74 100
45 79.5 39.1 117.3



Abundance Ion 74.00 (73.70 to 74.70): VNO
Ion 45.00 (44.70 to 45.70): VNO

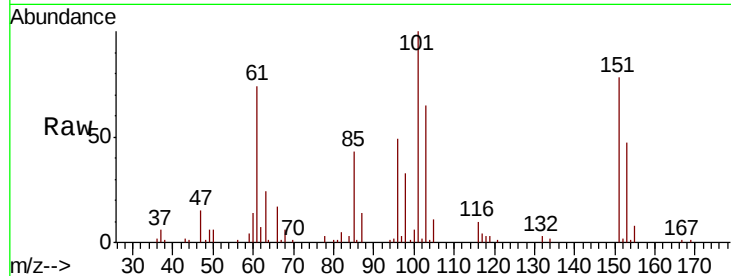




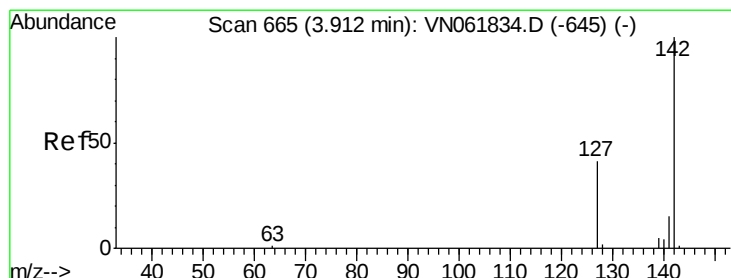
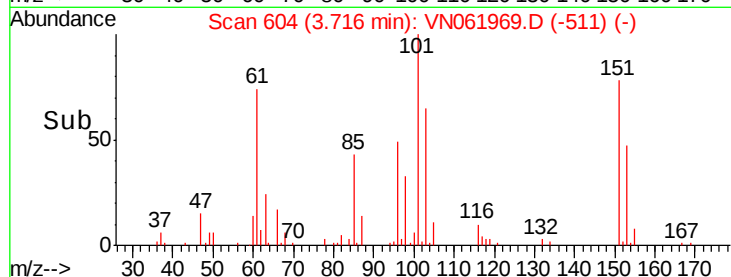
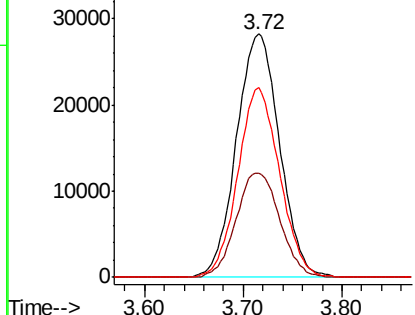
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 51.813 ug/l
 RT: 3.72 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: VN061969.D
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Tot Ion:101 Resp: 85580
 Ion Ratio Lower Upper
 101 100
 85 43.4 35.0 52.6
 151 75.4 59.2 88.8

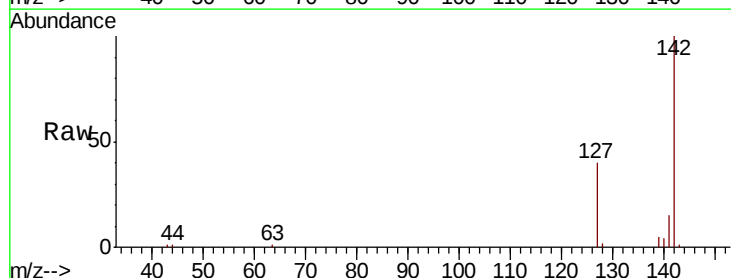


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): V
 Ion 150.80 (150.50 to 151.50): V

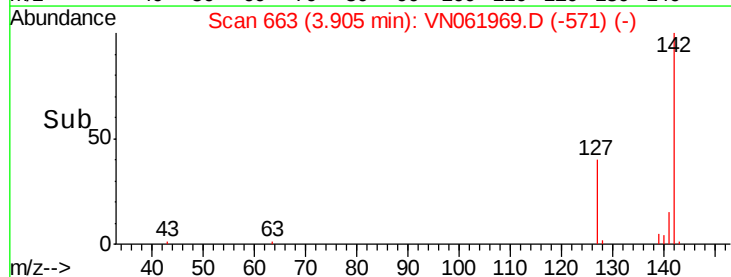
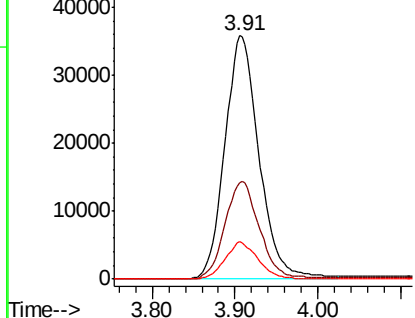


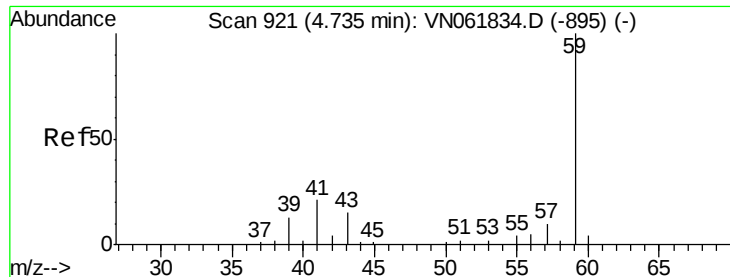
#10
 Methyl Iodide
 Concen: 51.506 ug/l
 RT: 3.91 min Scan# 663
 Delta R.T. -0.01 min
 Lab File: VN061969.D
 Acq: 19 Jun 2020 22:24

Tgt Ion:142 Resp: 103031
 Ion Ratio Lower Upper
 142 100
 127 40.5 33.4 50.0
 141 14.6 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

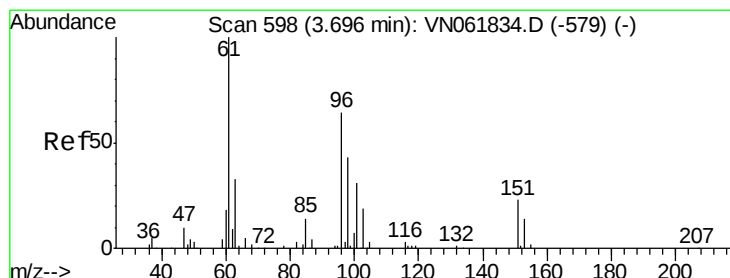
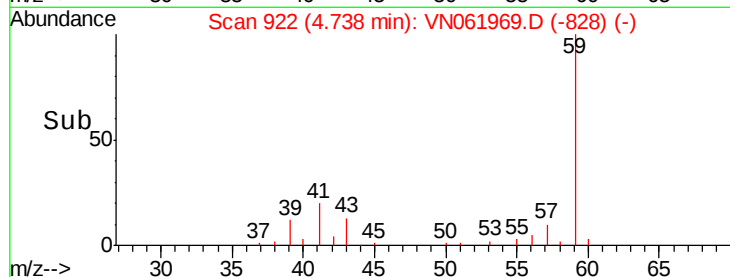
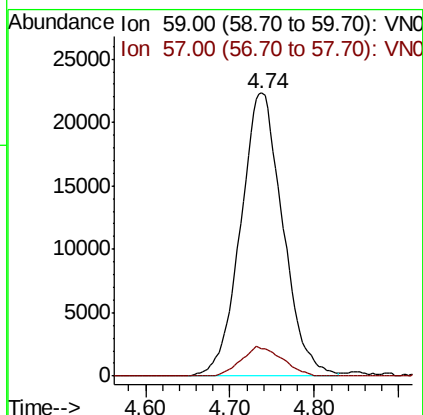
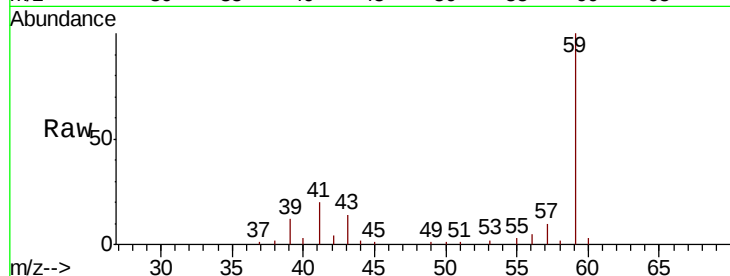




#11
Tert butyl alcohol
Concen: 256.477 ug/l
RT: 4.74 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN061969.D
Acq: 19 Jun 2020 22:24

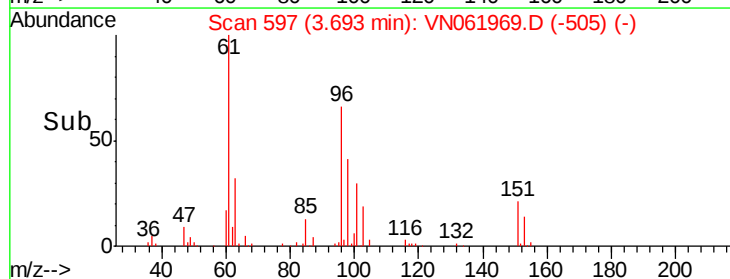
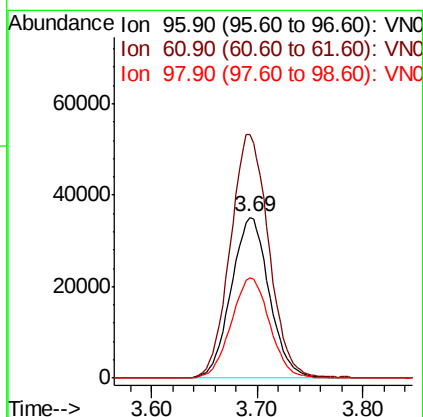
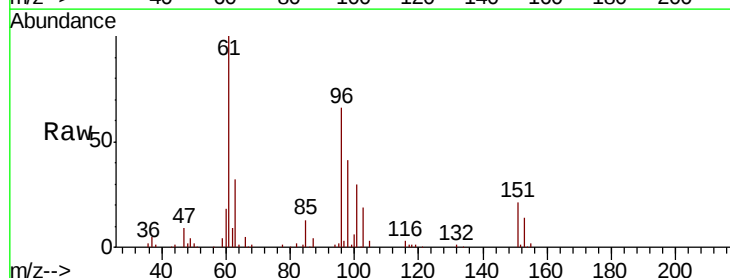
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

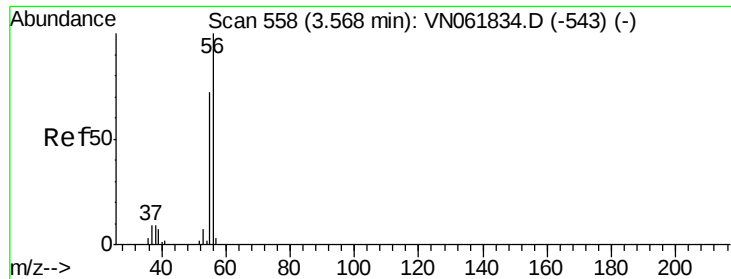
Tot Ion: 59 Resp: 77532
Ion Ratio Lower Upper
59 100
57 10.1 7.7 11.5



#12
1,1-Dichloroethene
Concen: 53.128 ug/l
RT: 3.69 min Scan# 597
Delta R.T. -0.00 min
Lab File: VN061969.D
Acq: 19 Jun 2020 22:24

Tgt Ion: 96 Resp: 87926
Ion Ratio Lower Upper
96 100
61 151.6 124.3 186.5
98 62.7 53.1 79.7





#13

Acrolein

Concen: 317.355 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN061969.D

Acq: 19 Jun 2020 22:24

Instrument :

MSVOA_N

ClientSampleId :

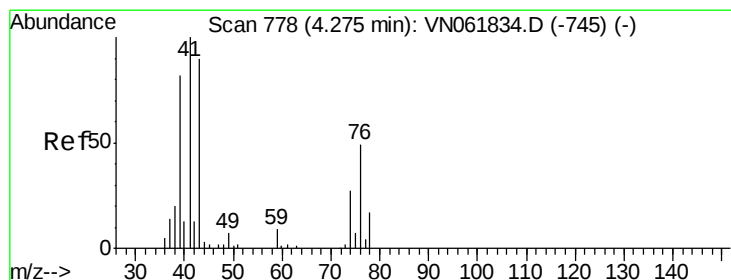
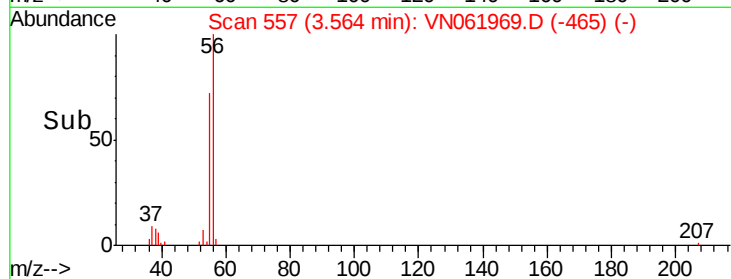
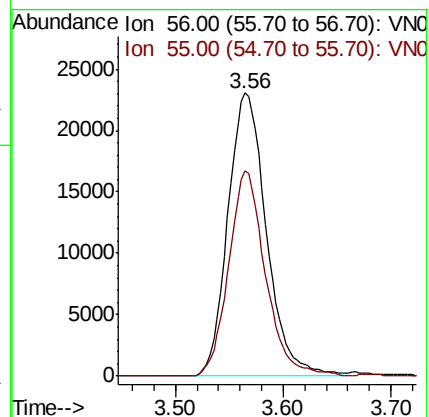
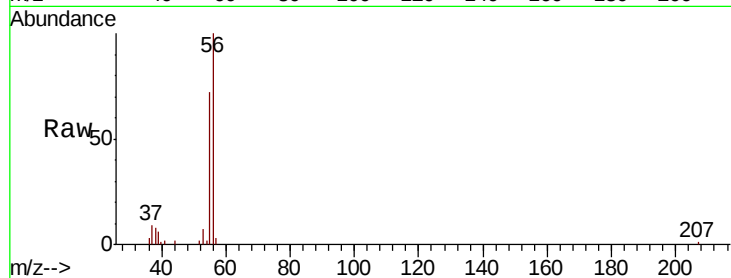
VSTDCCC050

Tot Ion: 56 Resp: 57338

Ion Ratio Lower Upper

56 100

55 69.4 56.2 84.4



#14

Allyl chloride

Concen: 54.329 ug/l

RT: 4.27 min Scan# 778

Delta R.T. 0.00 min

Lab File: VN061969.D

Acq: 19 Jun 2020 22:24

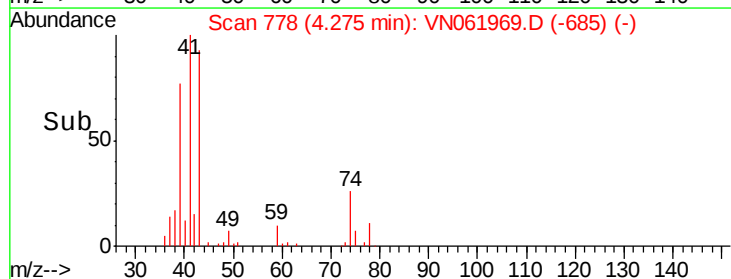
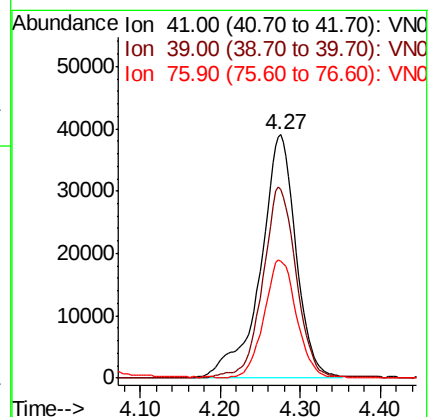
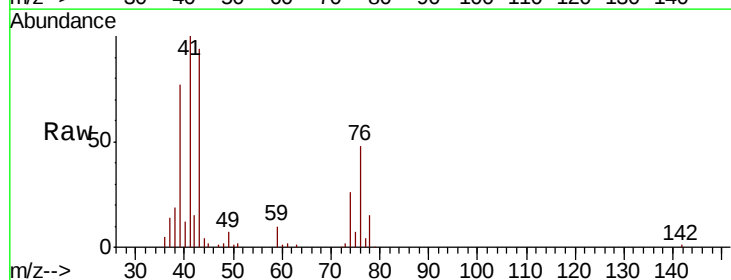
Tgt Ion: 41 Resp: 119336

Ion Ratio Lower Upper

41 100

39 74.1 60.2 90.2

76 44.5 36.3 54.5





#15

Acrylonitrile

Concen: 297.031 ug/l

RT: 4.93 min Scan# 981

Delta R.T. 0.00 min

Lab File: VN061969.D

Acq: 19 Jun 2020 22:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

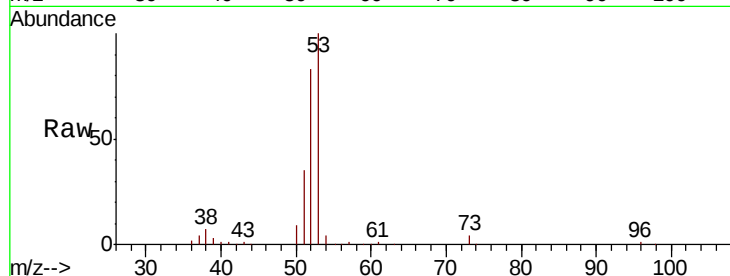
Tot Ion: 53 Resp: 222488

Ion Ratio Lower Upper

53 100

52 81.7 65.2 97.8

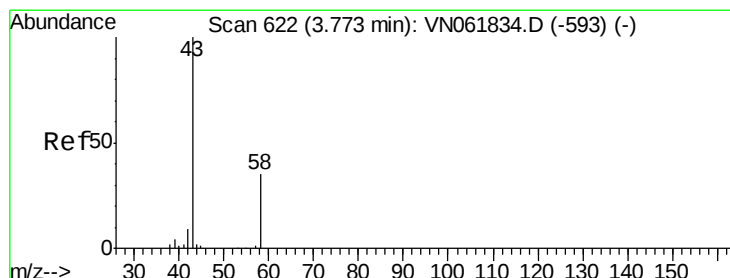
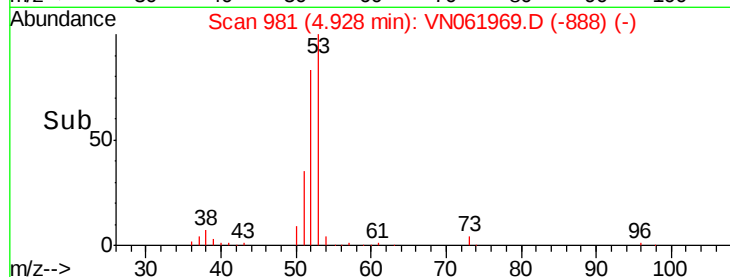
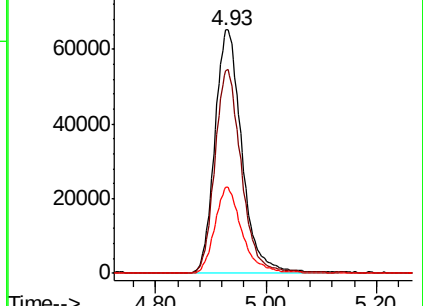
51 35.6 29.3 43.9



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: 266.447 ug/l

RT: 3.77 min Scan# 622

Delta R.T. 0.00 min

Lab File: VN061969.D

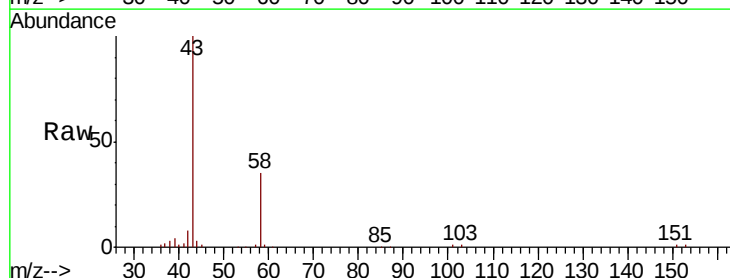
Acq: 19 Jun 2020 22:24

Tgt Ion: 43 Resp: 171931

Ion Ratio Lower Upper

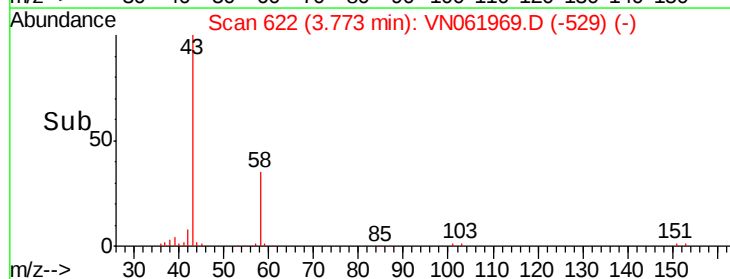
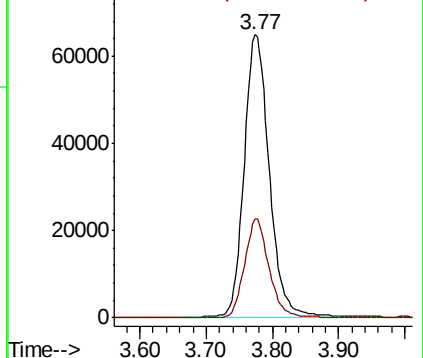
43 100

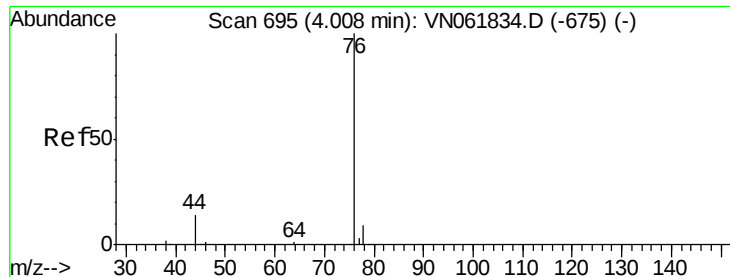
58 35.0 27.8 41.8



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

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

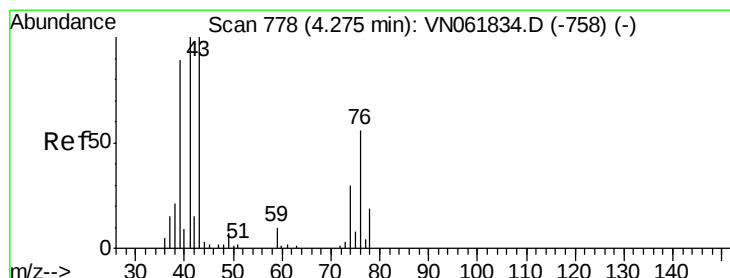
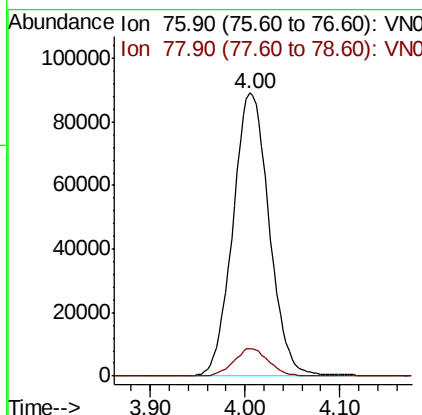
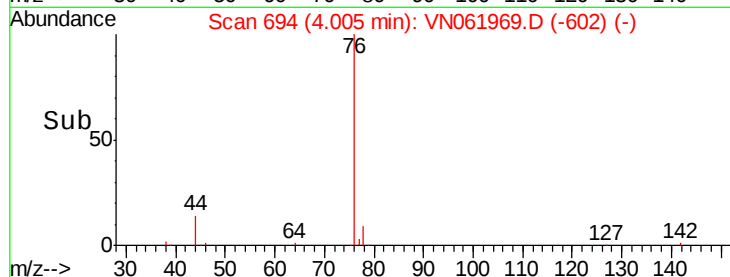
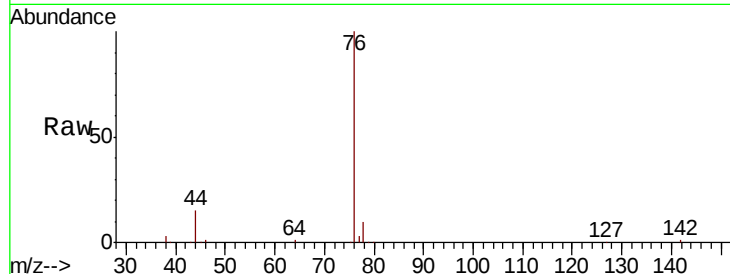




#17
Carbon Disulfide
Concen: 49.060 ug/l
RT: 4.00 min Scan# 694
Delta R.T. -0.00 min
Lab File: VN061969.D
Acq: 19 Jun 2020 22:24

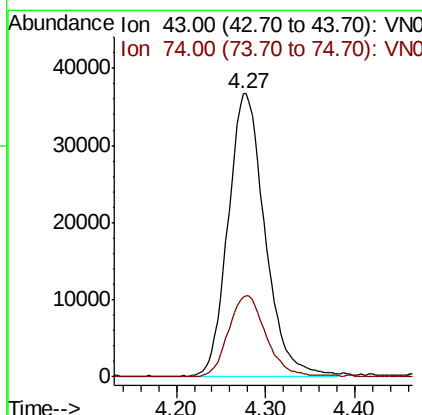
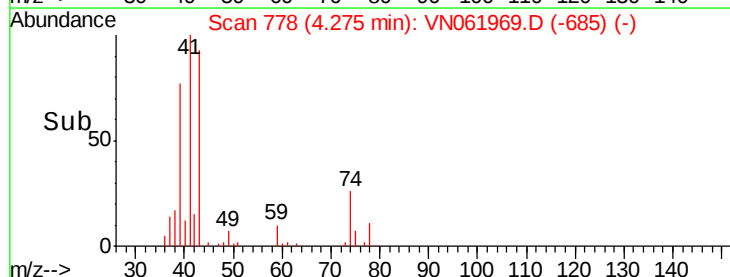
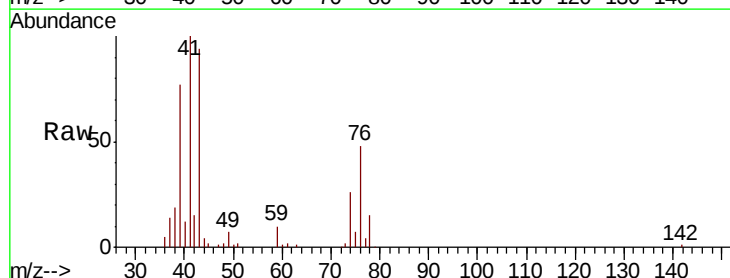
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

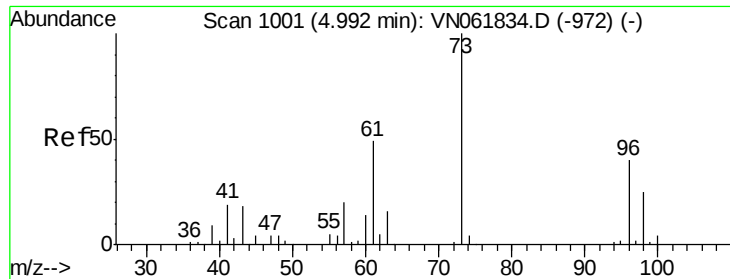
Tot Ion: 76 Resp: 237576
Ion Ratio Lower Upper
76 100
78 9.7 7.3 10.9



#18
Methyl Acetate
Concen: 56.948 ug/l
RT: 4.27 min Scan# 778
Delta R.T. 0.00 min
Lab File: VN061969.D
Acq: 19 Jun 2020 22:24

Tgt Ion: 43 Resp: 105796
Ion Ratio Lower Upper
43 100
74 29.1 23.0 34.4

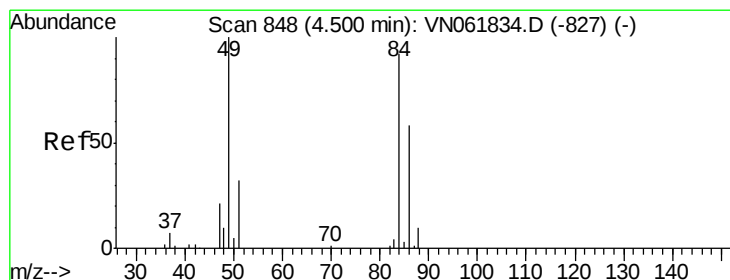
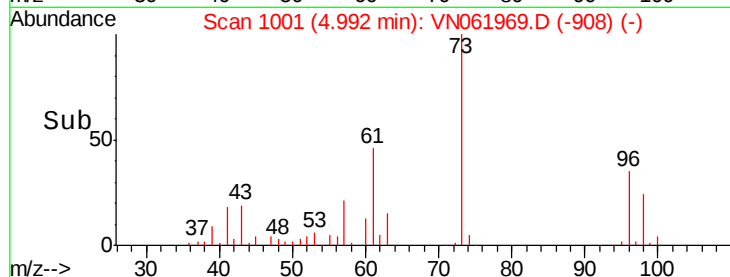
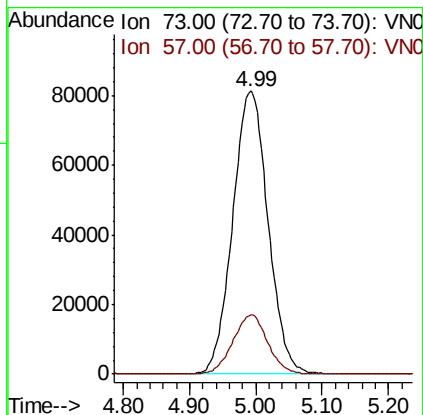
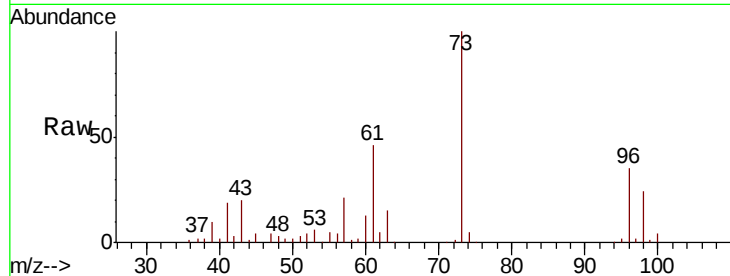




#19
Methvl tert-butvl Ether
Concen: 54.676 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VN061969.D
Acq: 19 Jun 2020 22:24

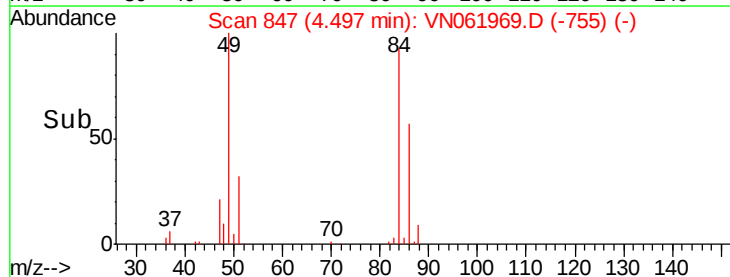
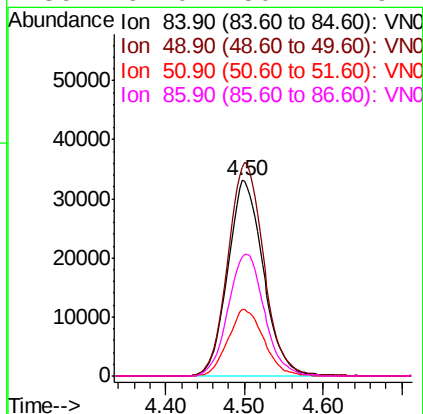
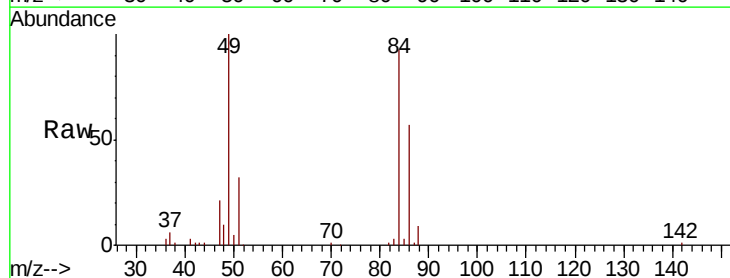
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

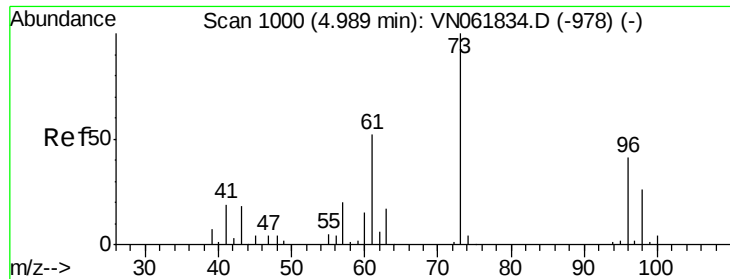
Tot Ion: 73 Resp: 301289
Ion Ratio Lower Upper
73 100
57 21.0 16.2 24.4



#20
Methylene Chloride
Concen: 49.457 ug/l
RT: 4.50 min Scan# 847
Delta R.T. -0.00 min
Lab File: VN061969.D
Acq: 19 Jun 2020 22:24

Tgt Ion: 84 Resp: 103974
Ion Ratio Lower Upper
84 100
49 107.1 87.0 130.4
51 34.0 27.8 41.6
86 61.0 50.2 75.2

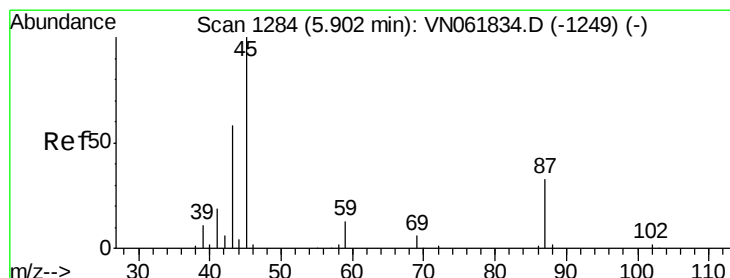
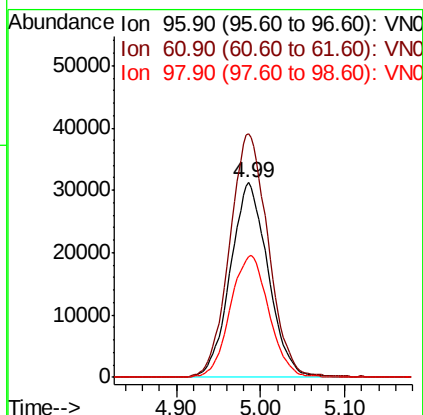
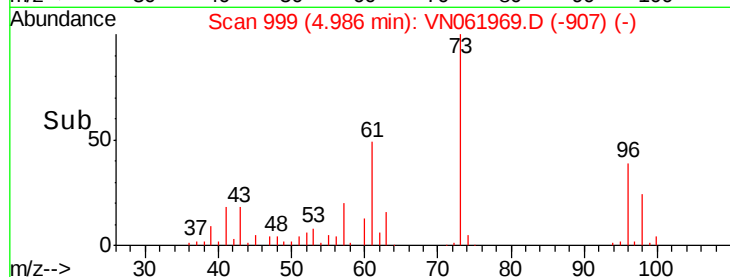
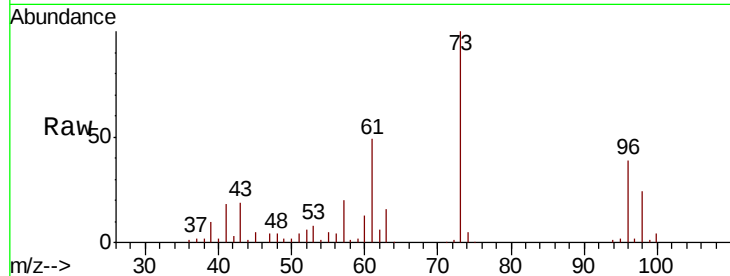




#21
trans-1,2-Dichloroethene
Concen: 51.241 ug/l
RT: 4.99 min Scan# 999
Delta R.T. -0.00 min
Lab File: VN061969.D
Acq: 19 Jun 2020 22:24

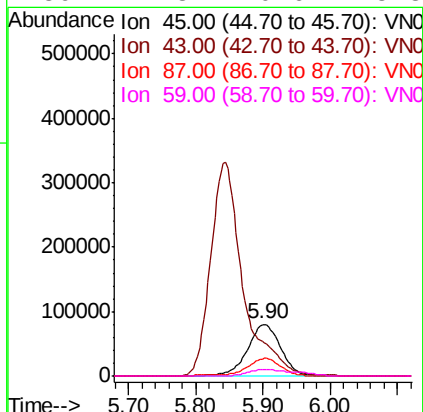
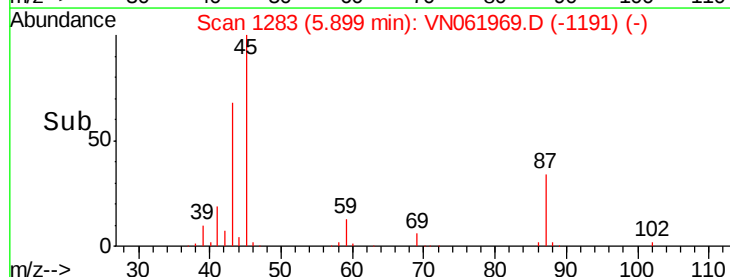
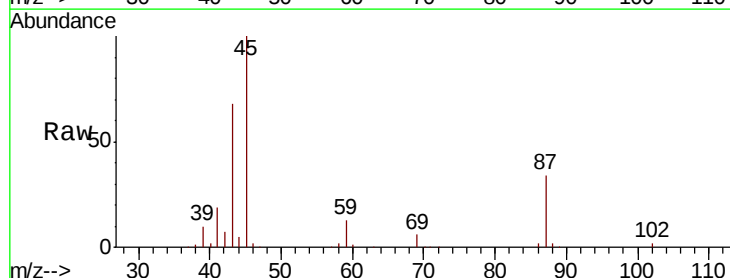
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

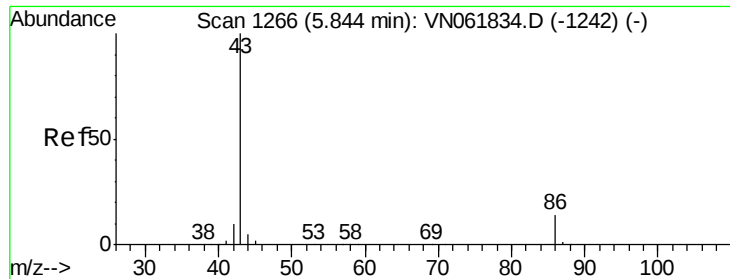
Tot Ion: 96 Resp: 97406
Ion Ratio Lower Upper
96 100
61 125.1 102.2 153.4
98 62.0 51.2 76.8



#22
Diisopropyl ether
Concen: 54.603 ug/l
RT: 5.90 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VN061969.D
Acq: 19 Jun 2020 22:24

Tgt Ion: 45 Resp: 274305
Ion Ratio Lower Upper
45 100
43 66.3 49.4 74.2
87 33.5 27.4 41.0
59 12.8 10.6 15.8





#23

Vinyl Acetate

Concen: 281.971 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. 0.00 min

Lab File: VN061969.D

Acq: 19 Jun 2020 22:24

Instrument :

MSVOA_N

ClientSampleId :

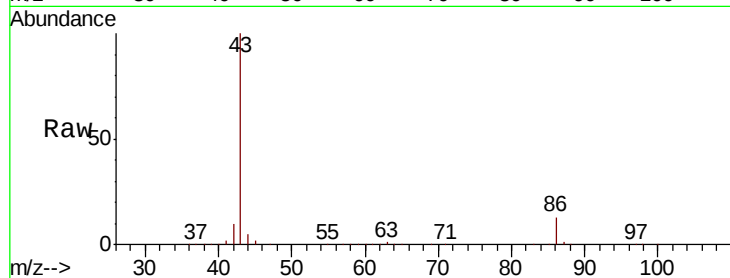
VSTDCCC050

Tot Ion: 43 Resp: 1114093

Ion Ratio Lower Upper

43 100

86 12.7 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

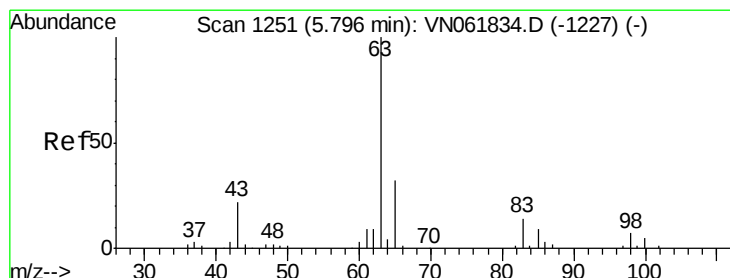
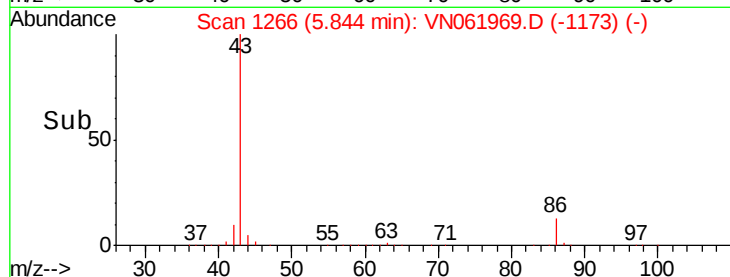
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 52.721 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VN061969.D

Acq: 19 Jun 2020 22:24

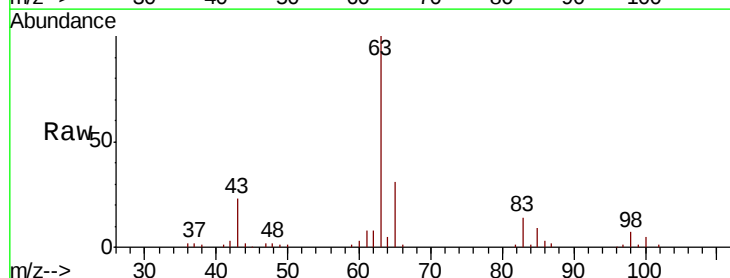
Tgt Ion: 63 Resp: 173375

Ion Ratio Lower Upper

63 100

98 7.2 3.5 10.4

100 4.5 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

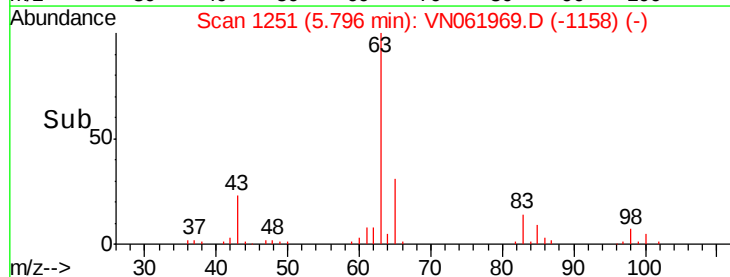
60000

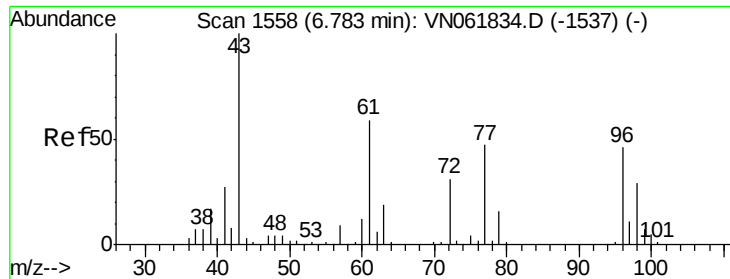
40000

20000

0

Time-->





#25

2-Butanone

Concen: 289.454 ug/l

RT: 6.79 min Scan# 1559

Delta R.T. 0.00 min

Lab File: VN061969.D

Acq: 19 Jun 2020 22:24

Instrument :

MSVOA_N

ClientSampleId :

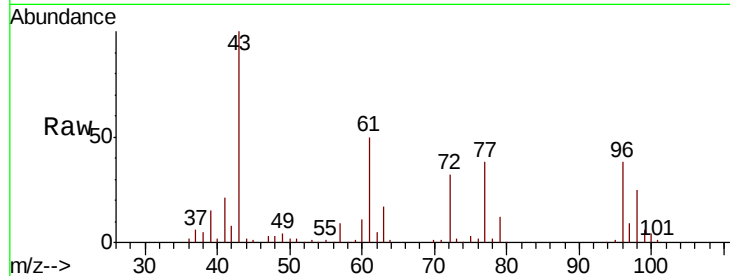
VSTDCCC050

Tot Ion: 43 Resp: 272508

Ion Ratio Lower Upper

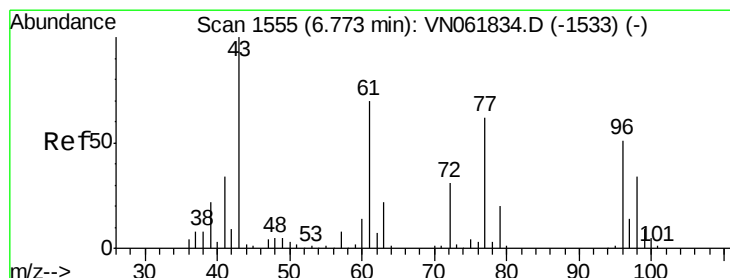
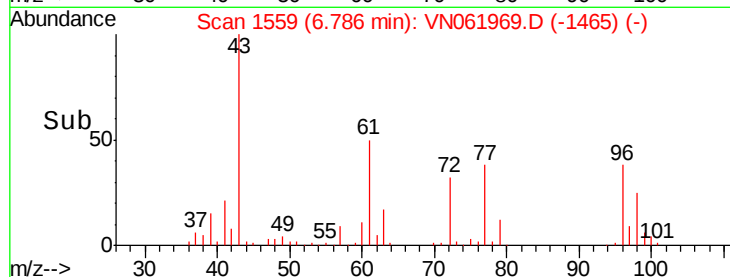
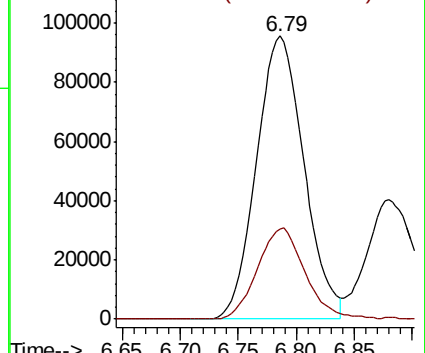
43 100

72 31.9 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 47.492 ug/l

RT: 6.77 min Scan# 1555

Delta R.T. 0.00 min

Lab File: VN061969.D

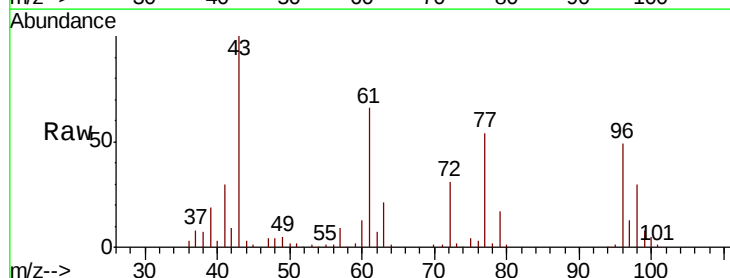
Acq: 19 Jun 2020 22:24

Tgt Ion: 77 Resp: 131397

Ion Ratio Lower Upper

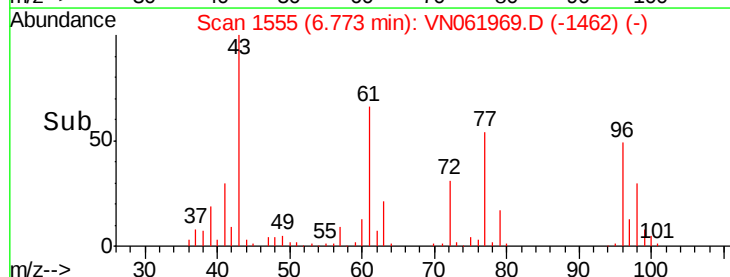
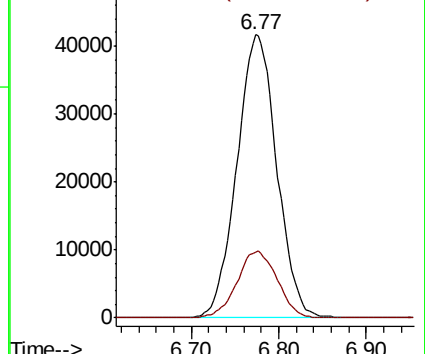
77 100

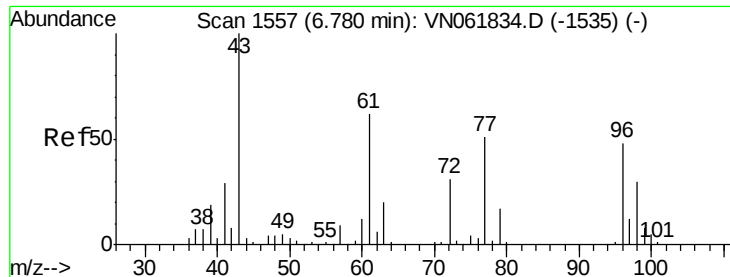
97 23.7 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0

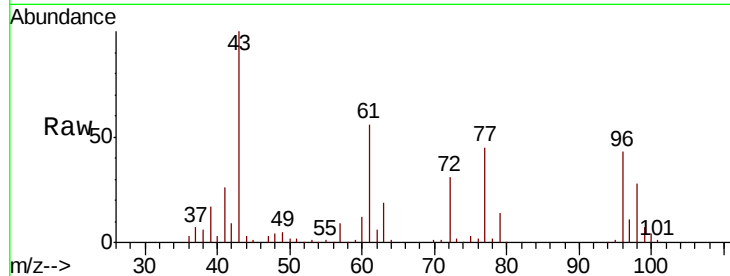




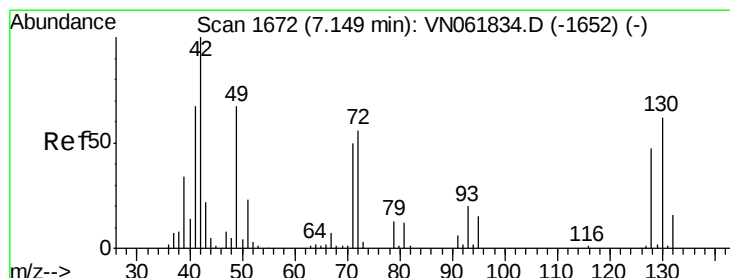
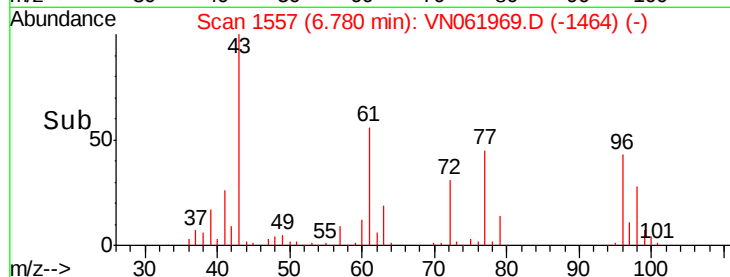
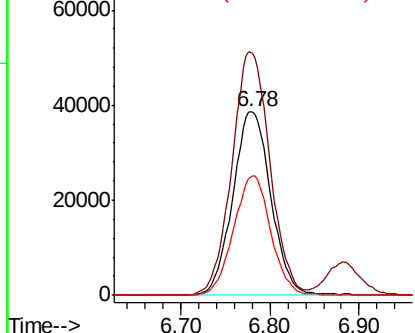
#27
 cis-1,2-Dichloroethene
 Concen: 52.244 ug/l
 RT: 6.78 min Scan# 1557
 Delta R.T. 0.00 min
 Lab File: VN061969.D
 Acq: 19 Jun 2020 22:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 96 Resp: 114592
 Ion Ratio Lower Upper
 96 100
 61 132.4 0.0 265.6
 98 63.7 0.0 128.2

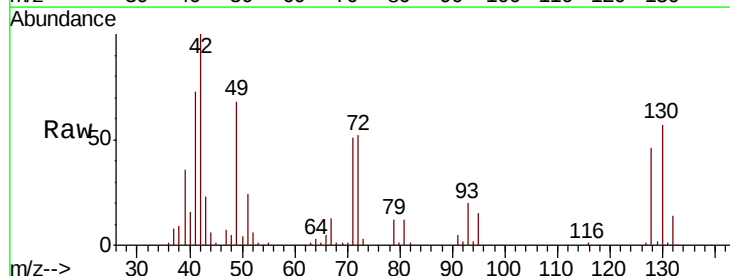


Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0

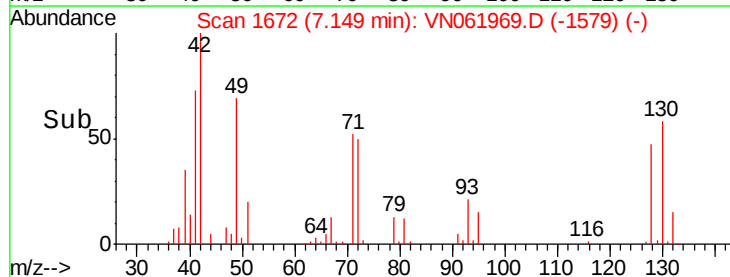
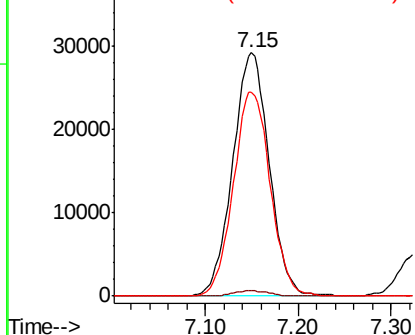


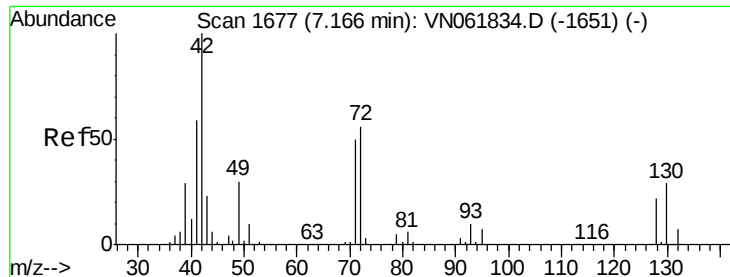
#28
 Bromochloromethane
 Concen: 54.424 ug/l
 RT: 7.15 min Scan# 1672
 Delta R.T. 0.00 min
 Lab File: VN061969.D
 Acq: 19 Jun 2020 22:24

Tgt Ion: 49 Resp: 79689
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.0
 130 84.8 72.2 108.2



Abundance Ion 48.90 (48.60 to 49.60): VN0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V

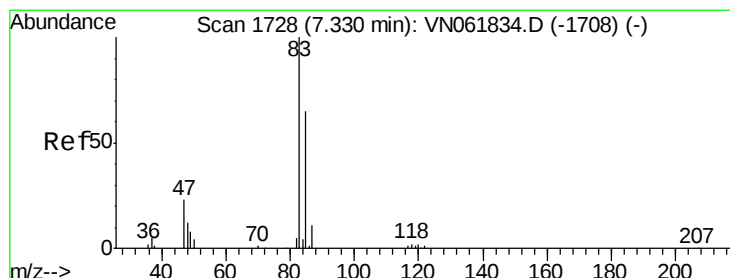
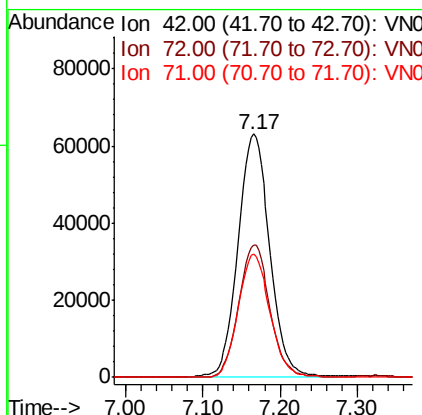
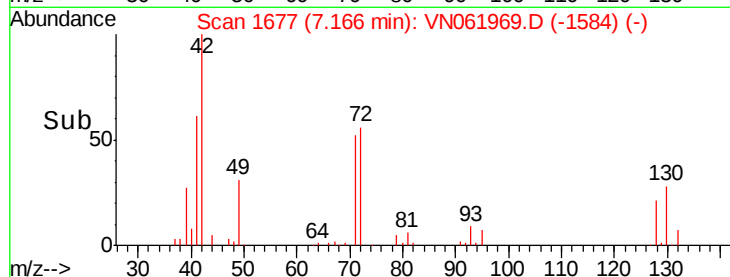
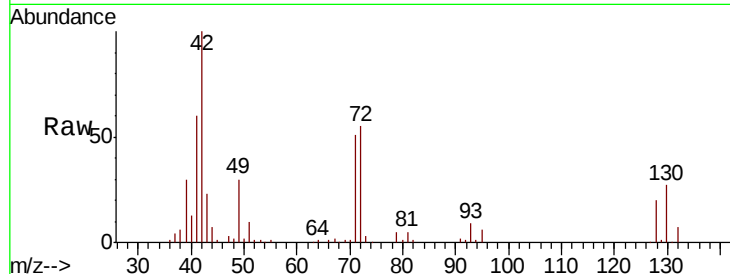




#29
Tetrahydrofuran
Concen: 290.889 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. 0.00 min
Lab File: VN061969.D
Acq: 19 Jun 2020 22:24

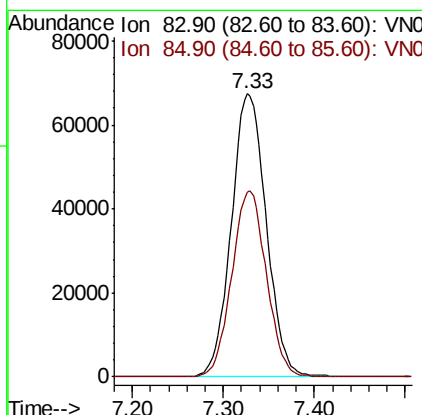
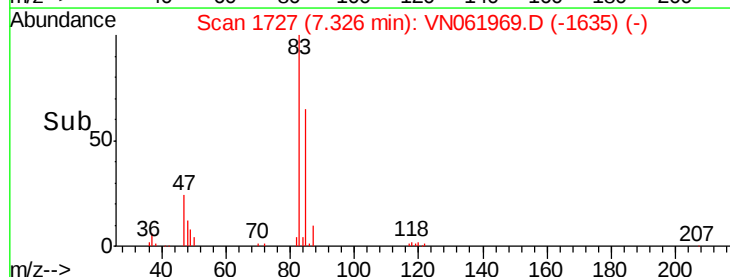
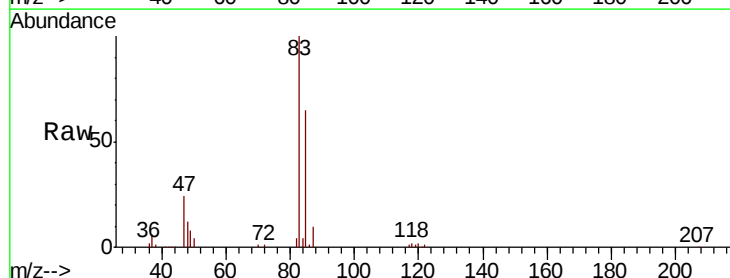
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

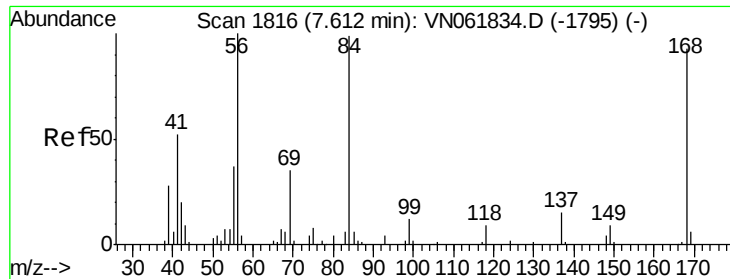
Tot Ion: 42 Resp: 180229
Ion Ratio Lower Upper
42 100
72 53.5 44.0 66.0
71 50.4 40.0 60.0



#30
Chloroform
Concen: 51.198 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN061969.D
Acq: 19 Jun 2020 22:24

Tgt Ion: 83 Resp: 179939
Ion Ratio Lower Upper
83 100
85 65.2 52.0 78.0

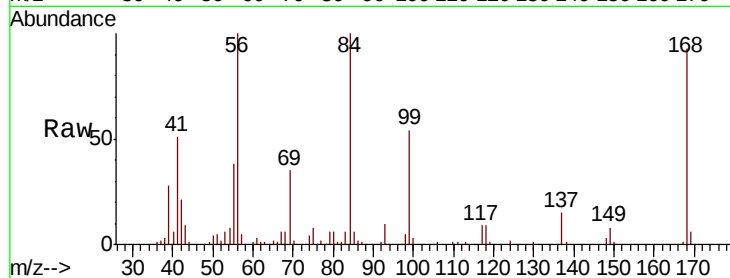




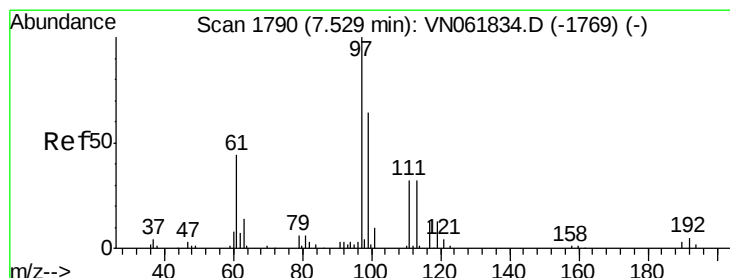
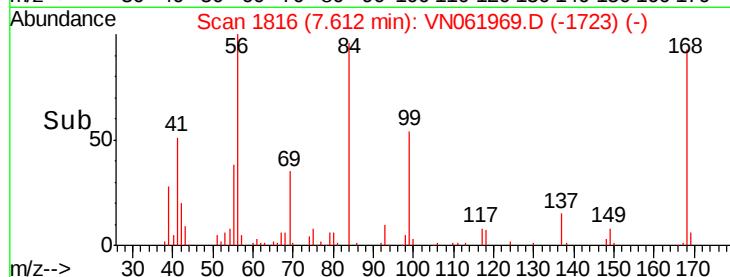
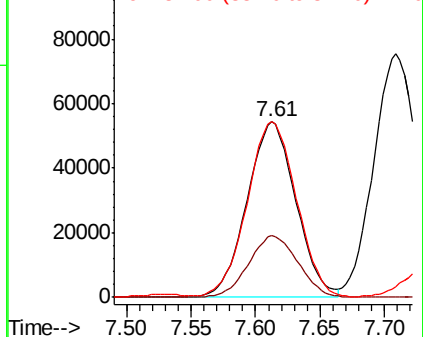
#31
Cyclohexane
Concen: 49.862 ug/l
RT: 7.61 min Scan# 1816
Delta R.T. 0.00 min
Lab File: VN061969.D
Acq: 19 Jun 2020 22:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 56 Resp: 143542
Ion Ratio Lower Upper
56 100
69 35.2 27.7 41.5
84 99.0 79.1 118.7

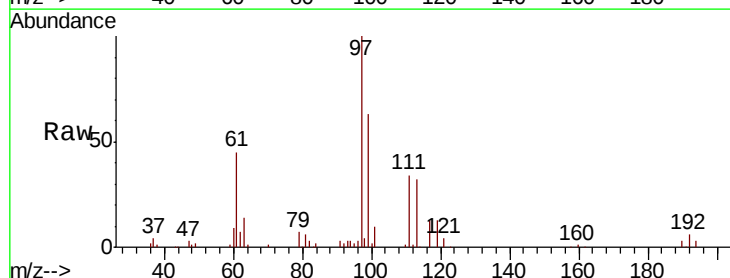


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

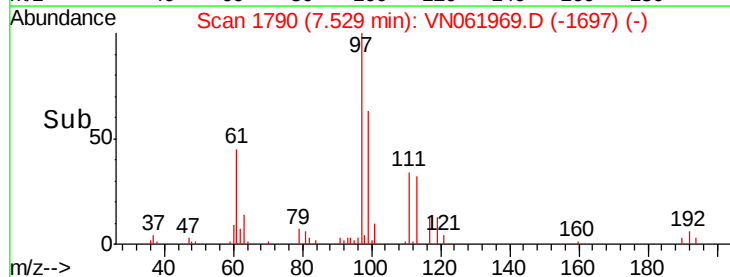
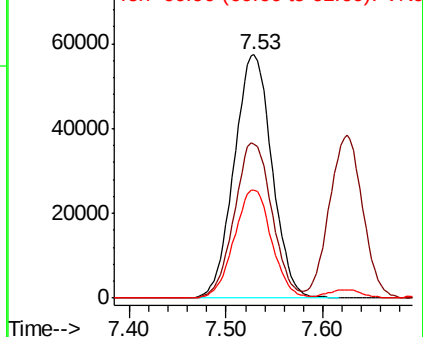


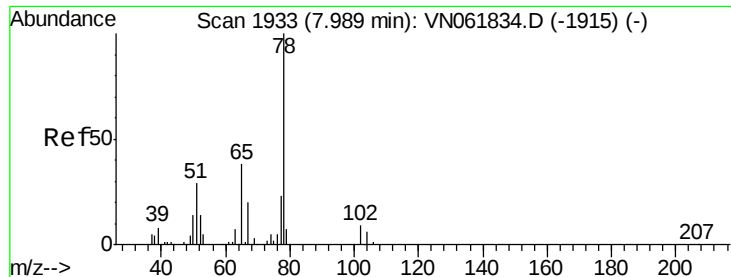
#32
1,1,1-Trichloroethane
Concen: 52.173 ug/l
RT: 7.53 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VN061969.D
Acq: 19 Jun 2020 22:24

Tgt Ion: 97 Resp: 156161
Ion Ratio Lower Upper
97 100
99 63.3 51.5 77.3
61 44.0 35.1 52.7



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

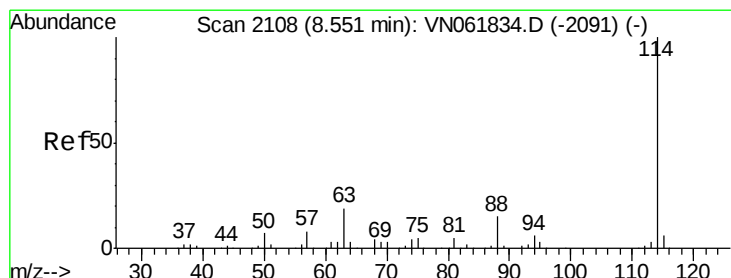
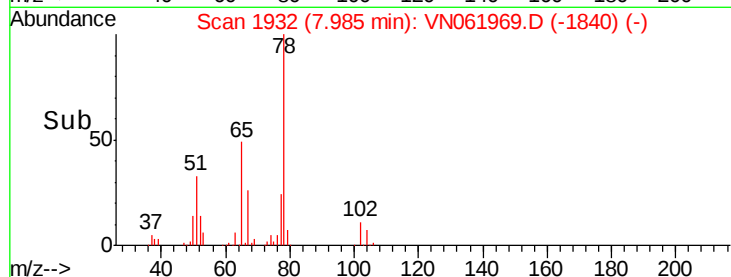
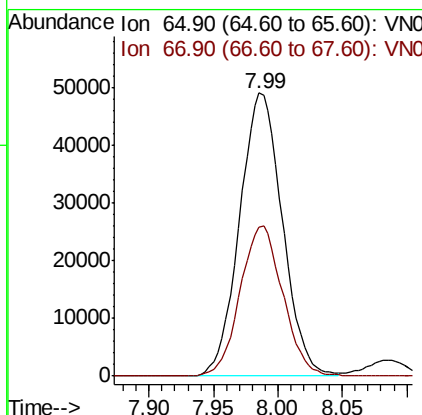
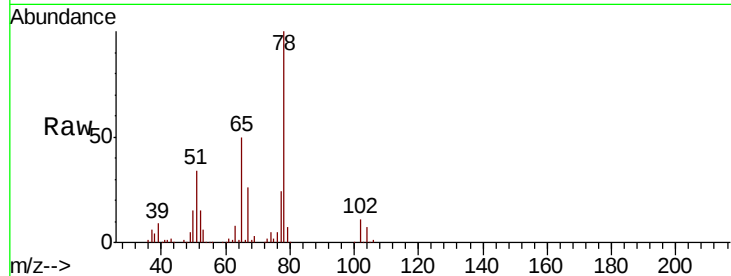




#33
 1,2-Dichloroethane-d4
 Concen: 52.048 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN061969.D
 Acq: 19 Jun 2020 22:24

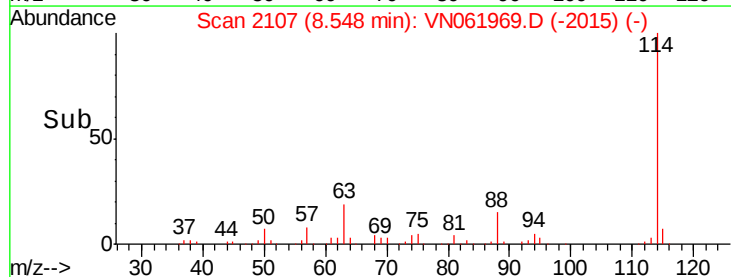
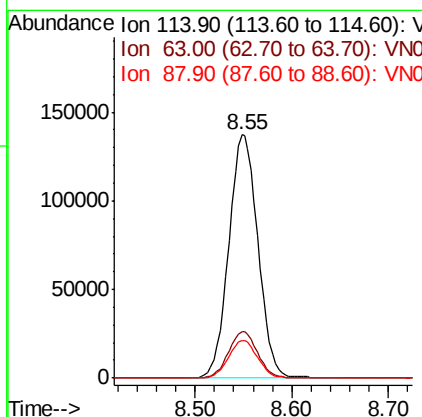
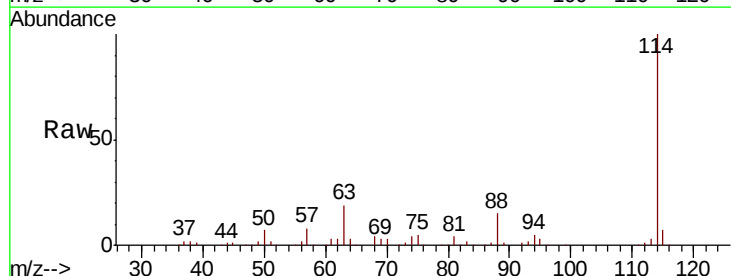
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

Tot Ion: 65 Resp: 113701
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN061969.D
 Acq: 19 Jun 2020 22:24

Tgt Ion: 114 Resp: 286633
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 37.6
 88 15.2 0.0 31.0

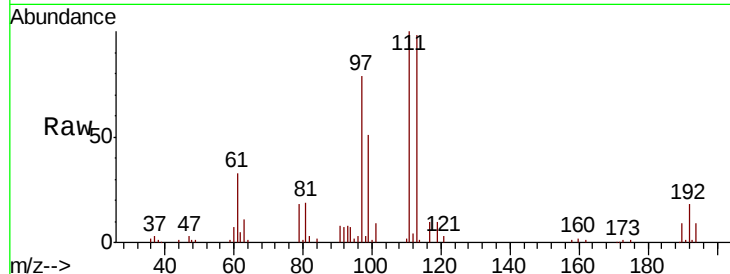




#35
 Dibromofluoromethane
 Concen: 51.439 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN061969.D
 Acq: 19 Jun 2020 22:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	83.7	125.5
192	18.5	13.9	20.9

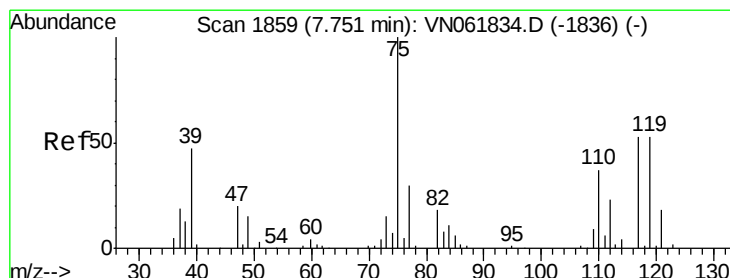
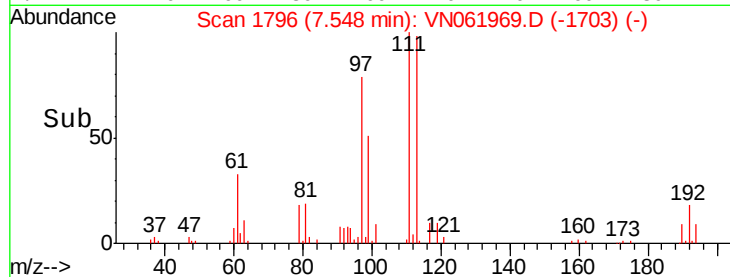
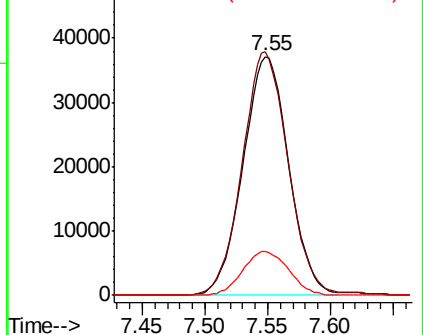


Abundance

Ion 112.80 (112.50 to 113.50): V

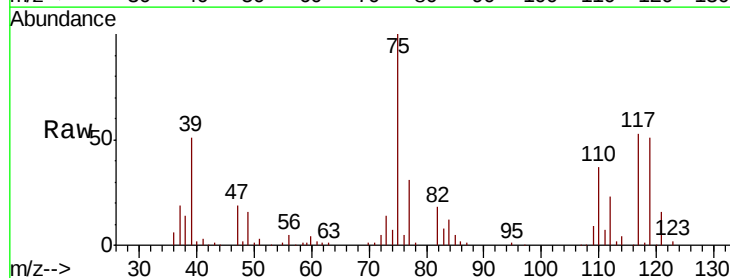
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 51.485 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: VN061969.D
 Acq: 19 Jun 2020 22:24

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.3	18.2	54.6
77	30.7	24.2	36.4

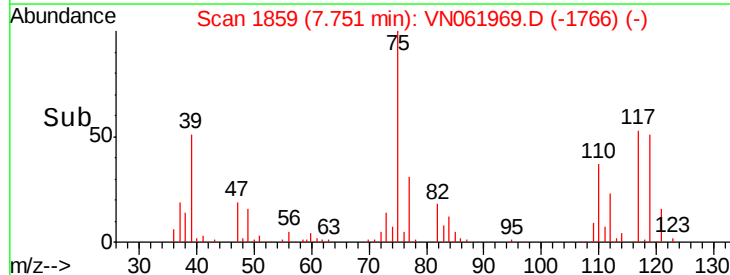
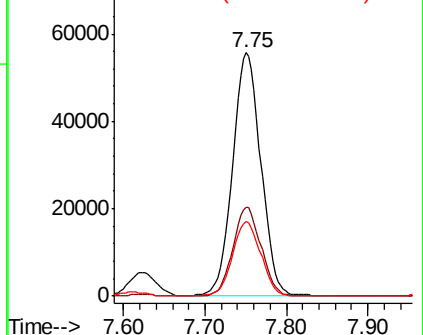


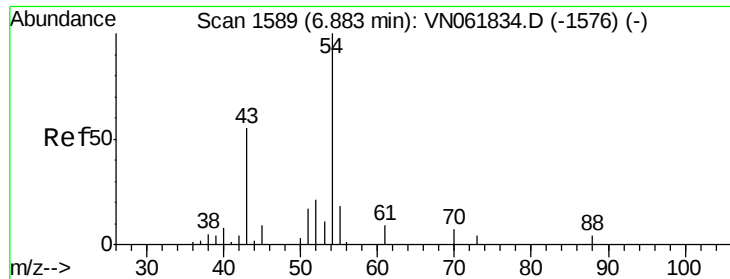
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

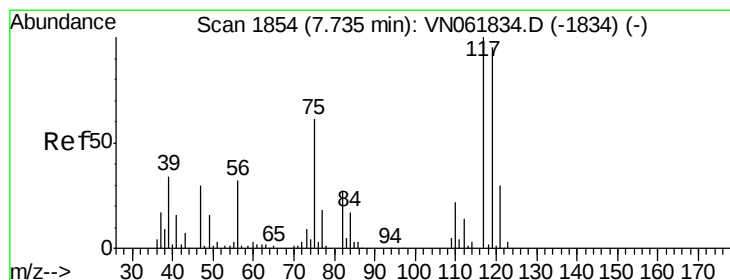
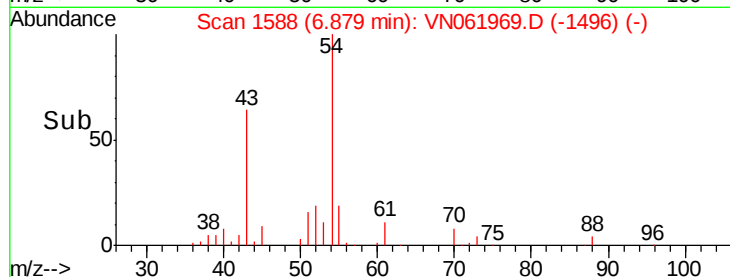
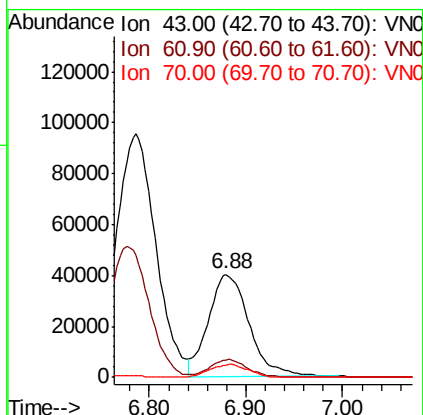
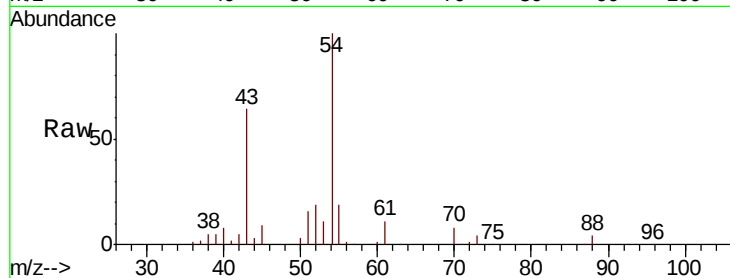




#37
Ethyl Acetate
Concen: 57.652 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.00 min
Lab File: VN061969.D
Acq: 19 Jun 2020 22:24

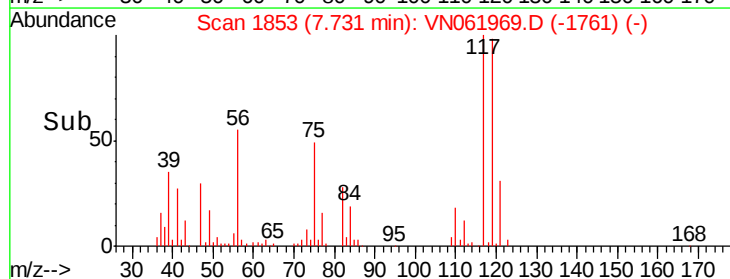
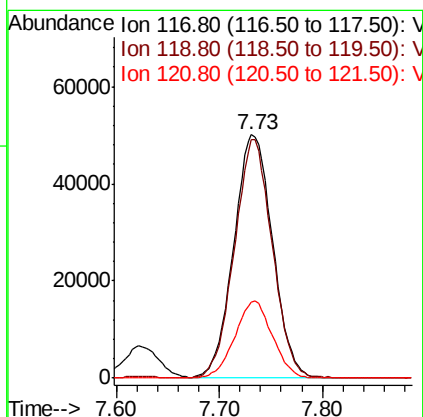
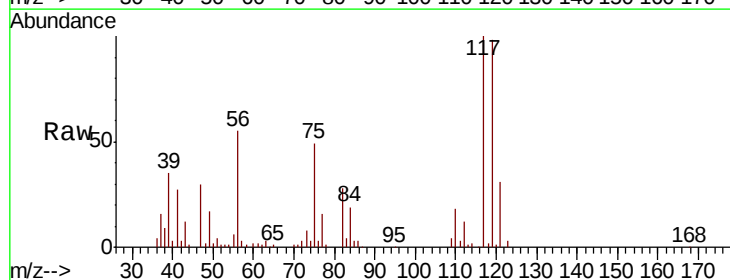
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

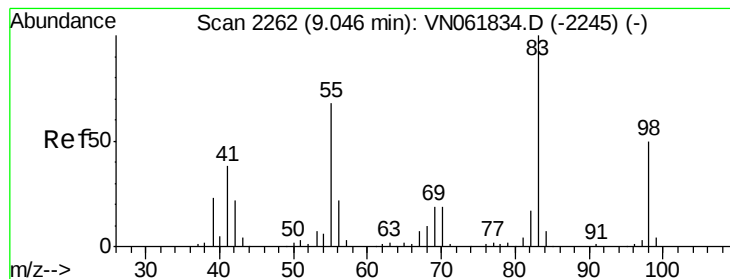
Tot Ion: 43 Resp: 117702
Ion Ratio Lower Upper
43 100
61 16.0 13.0 19.4
70 11.8 9.4 14.2



#38
Carbon Tetrachloride
Concen: 50.313 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN061969.D
Acq: 19 Jun 2020 22:24

Tgt Ion: 117 Resp: 130260
Ion Ratio Lower Upper
117 100
119 98.4 75.8 113.6
121 31.2 23.8 35.6





#39

Methvlcvclohexane

Concen: 52.605 ug/l

RT: 9.05 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VN061969.D

Acq: 19 Jun 2020 22:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

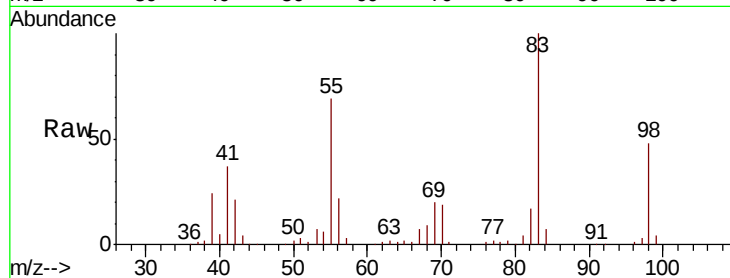
Tot Ion: 83 Resp: 148091

Ion Ratio Lower Upper

83 100

55 68.5 54.2 81.4

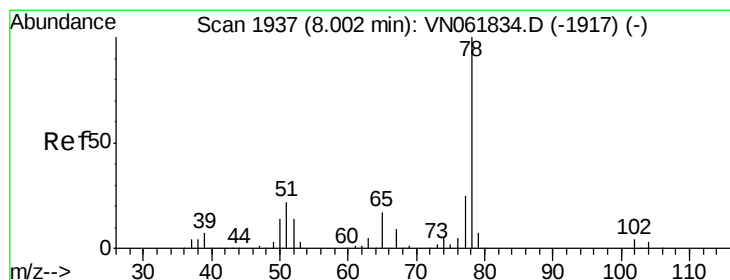
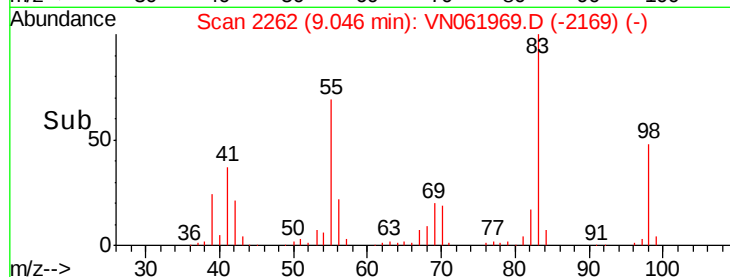
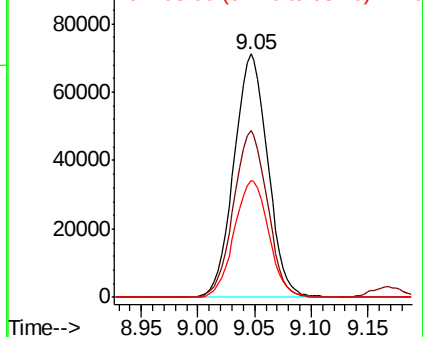
98 48.0 39.8 59.6



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: 52.085 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VN061969.D

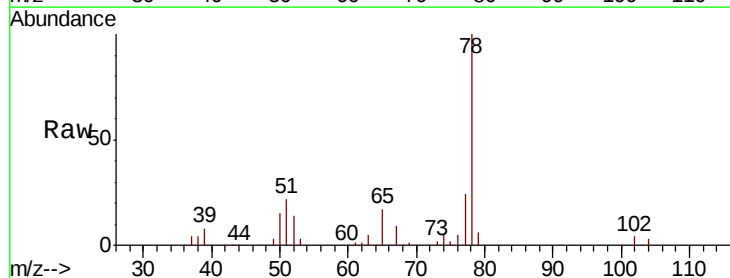
Acq: 19 Jun 2020 22:24

Tgt Ion: 78 Resp: 412497

Ion Ratio Lower Upper

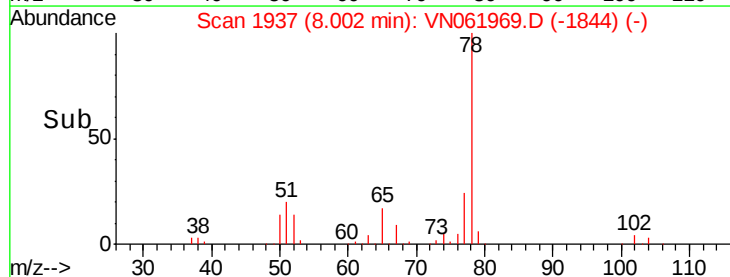
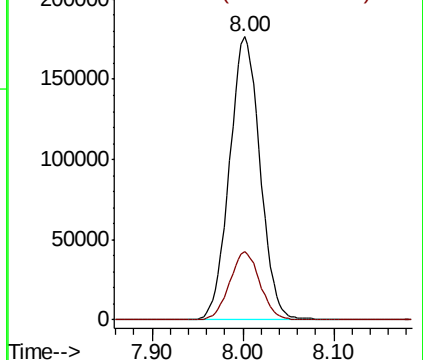
78 100

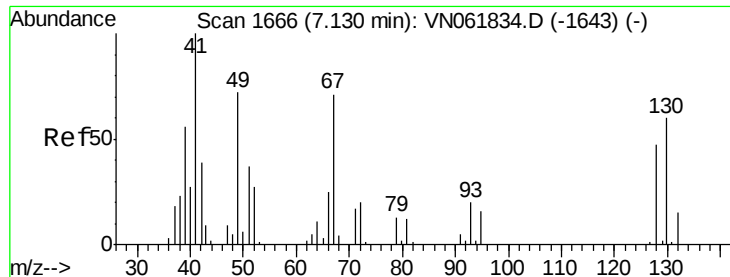
77 24.0 19.7 29.5



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0

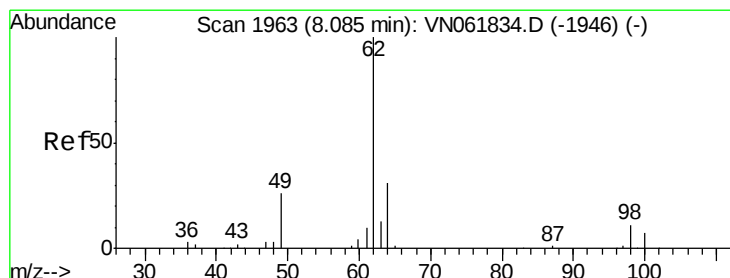
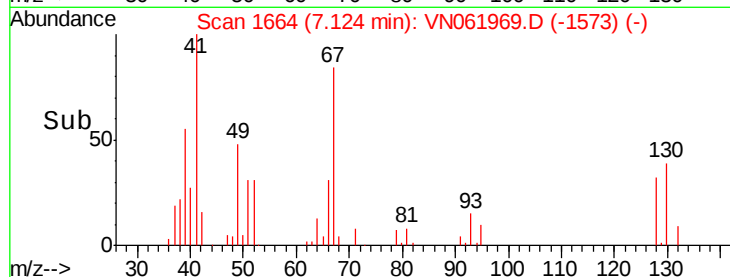
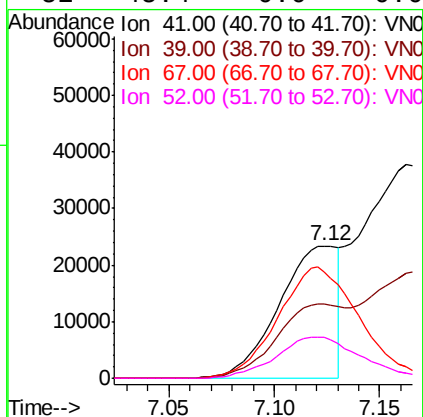
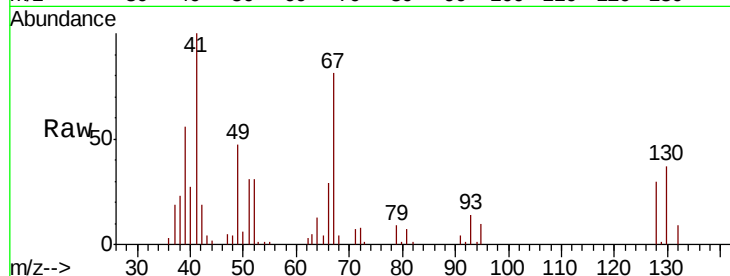




#41
Methacrylonitrile
Concen: 52.051 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. -0.01 min
Lab File: VN061969.D
Acq: 19 Jun 2020 22:24

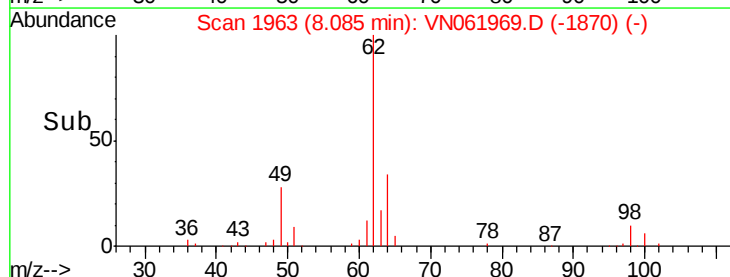
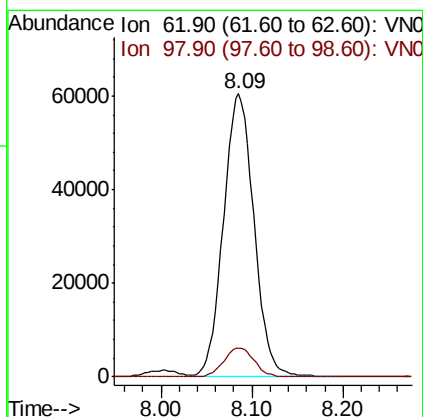
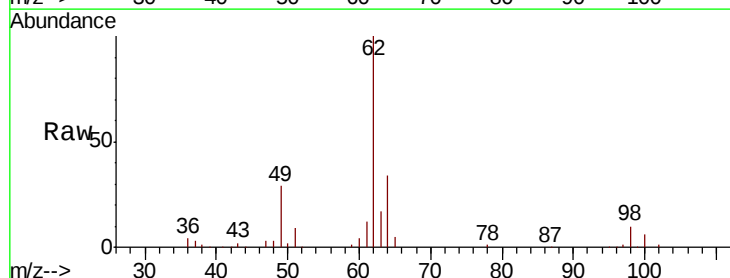
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

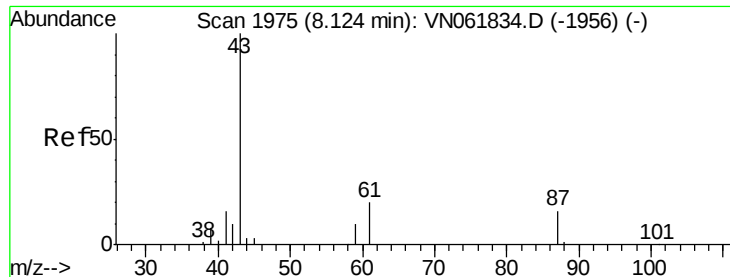
Tot Ion: 41 Resp: 45441
Ion Ratio Lower Upper
41 100
39 63.2 0.0 0.0#
67 116.6 0.0 0.0#
52 45.4 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 52.274 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VN061969.D
Acq: 19 Jun 2020 22:24

Tgt Ion: 62 Resp: 141160
Ion Ratio Lower Upper
62 100
98 10.2 0.0 20.4





#43

Isopropyl Acetate

Concen: 57.707 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN061969.D

Acq: 19 Jun 2020 22:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

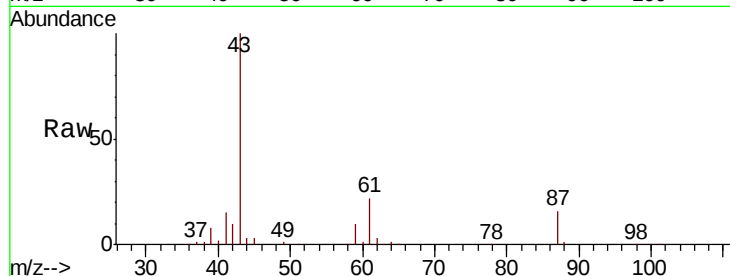
Tot Ion: 43 Resp: 198547

Ion Ratio Lower Upper

43 100

61 21.9 24.0 36.0#

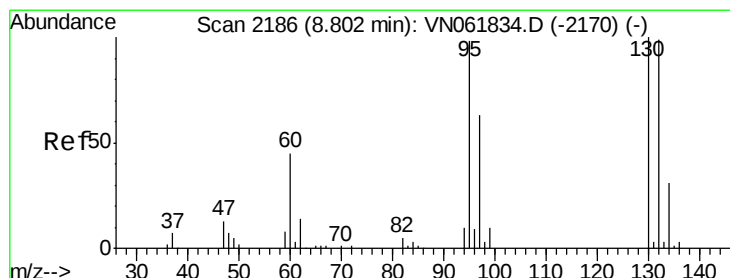
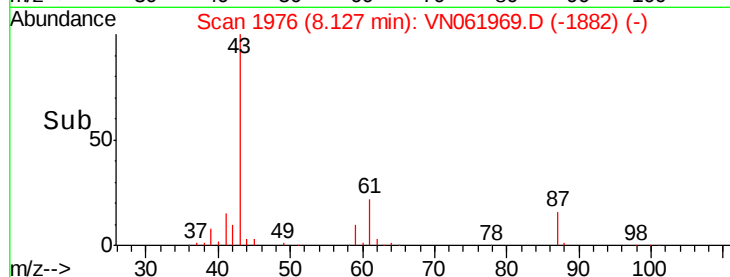
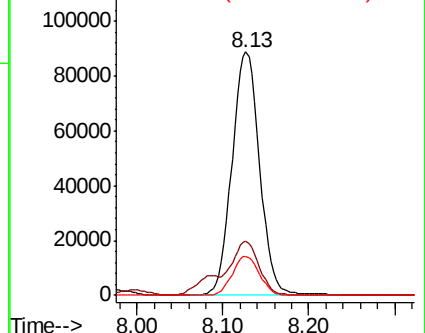
87 15.6 12.5 18.7



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

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

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



#44

Trichloroethene

Concen: 50.011 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. 0.00 min

Lab File: VN061969.D

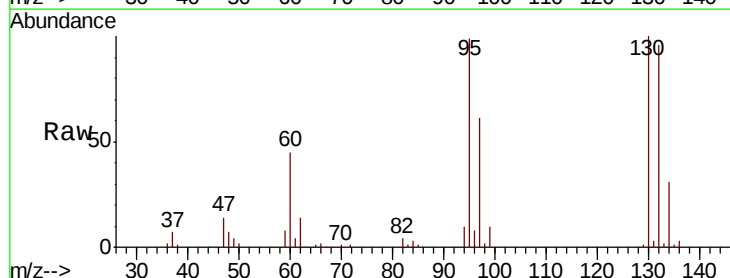
Acq: 19 Jun 2020 22:24

Tgt Ion:130 Resp: 104236

Ion Ratio Lower Upper

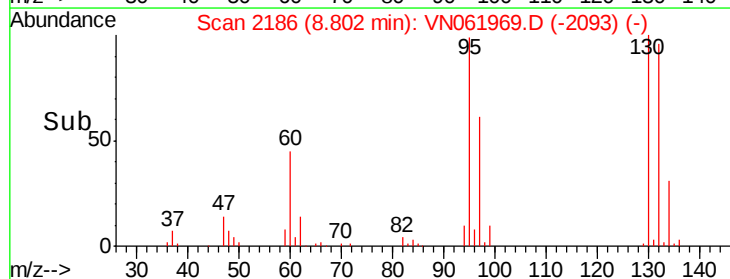
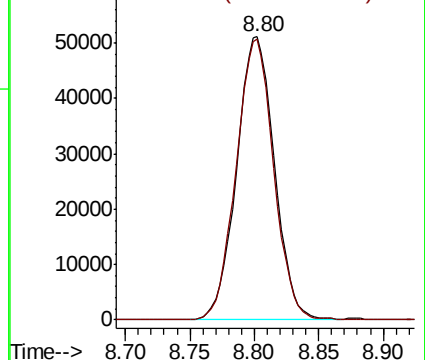
130 100

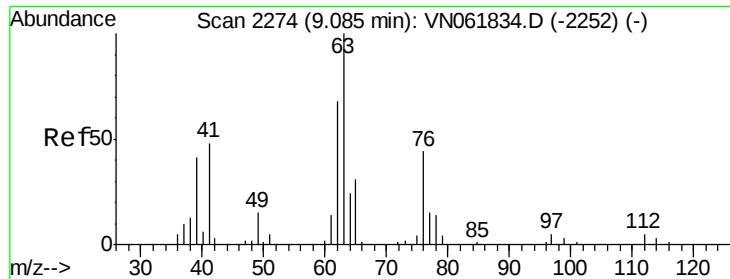
95 99.0 0.0 195.6



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

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

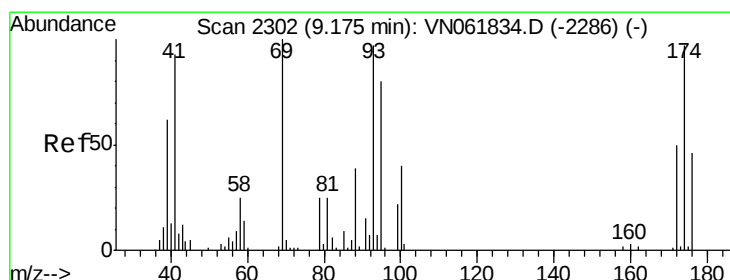
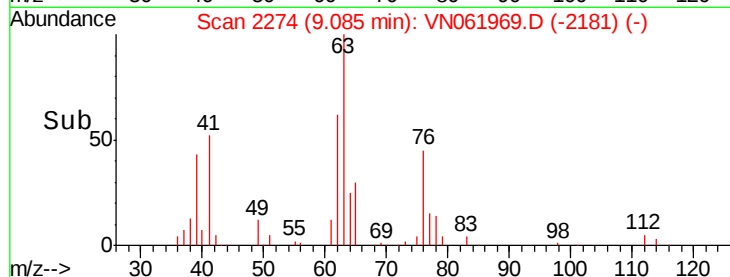
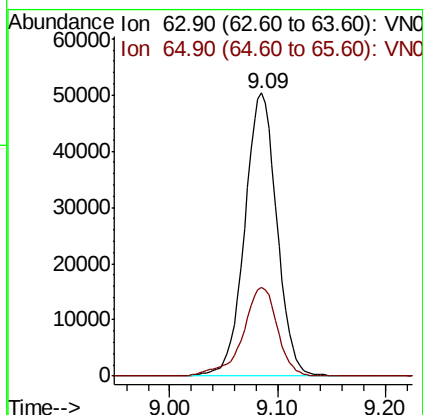
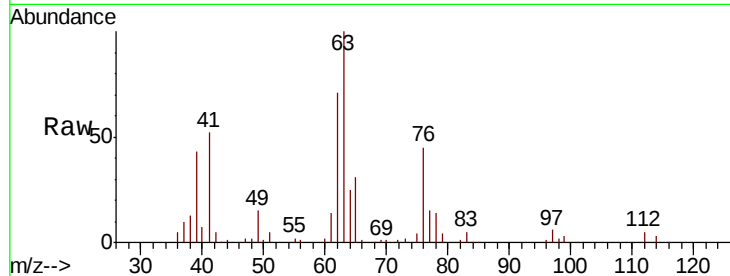




#45
 1,2-Dichloropropane
 Concen: 53.428 ug/l
 RT: 9.09 min Scan# 2274
 Delta R.T. 0.00 min
 Lab File: VN061969.D
 Acq: 19 Jun 2020 22:24

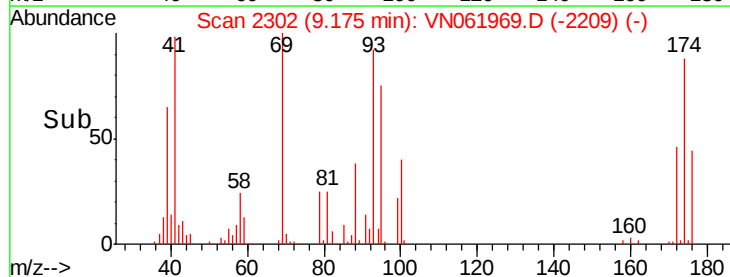
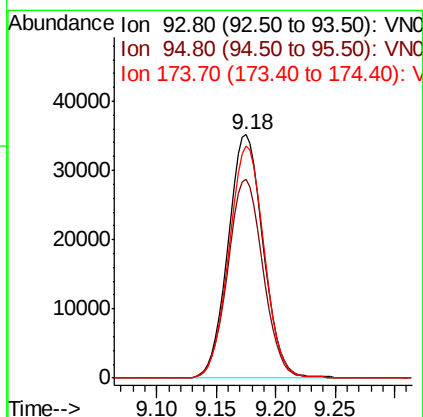
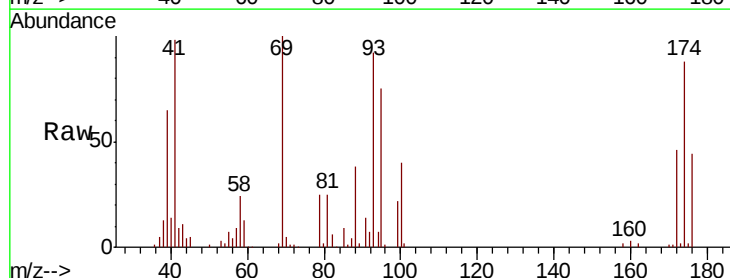
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 103984
 Ion Ratio Lower Upper
 63 100
 65 31.3 25.1 37.7



#46
 Dibromomethane
 Concen: 52.542 ug/l
 RT: 9.18 min Scan# 2302
 Delta R.T. 0.00 min
 Lab File: VN061969.D
 Acq: 19 Jun 2020 22:24

Tgt Ion: 93 Resp: 72011
 Ion Ratio Lower Upper
 93 100
 95 82.4 65.8 98.6
 174 95.2 78.5 117.7





#47

Bromodichloromethane

Concen: 52.204 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. 0.00 min

Lab File: VN061969.D

Acq: 19 Jun 2020 22:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

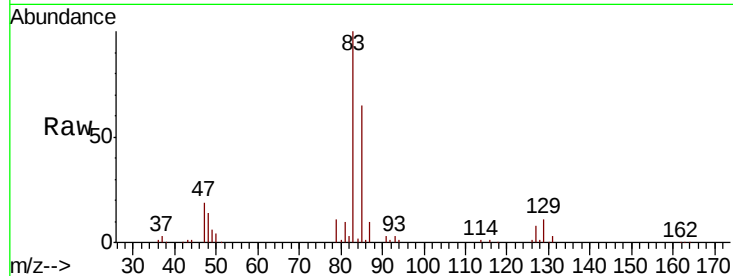
Tot Ion: 83 Resp: 146503

Ion Ratio Lower Upper

83 100

85 65.2 50.8 76.2

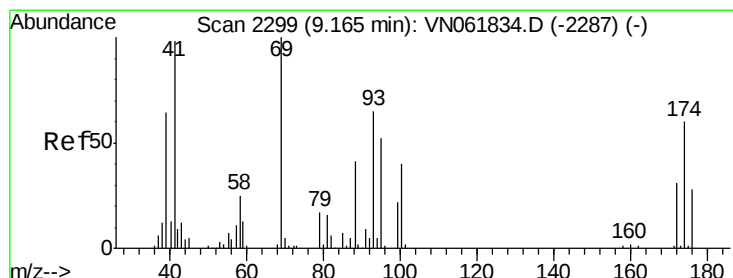
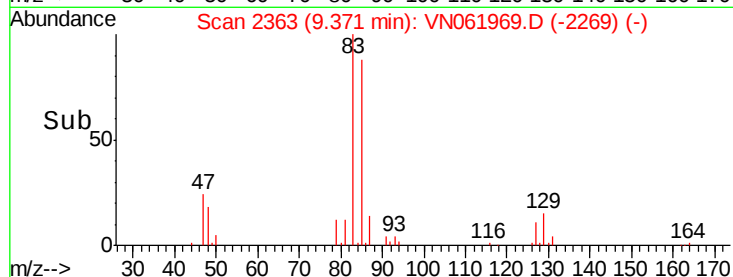
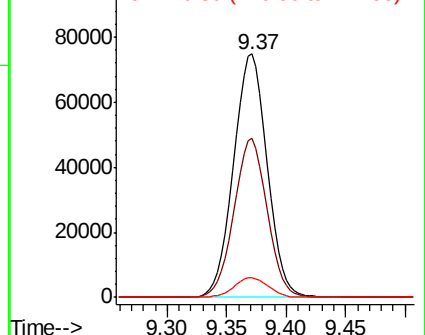
127 8.2 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VN061834.D (-2347) (-)

Ion 84.90 (84.60 to 85.60): VN061834.D (-2347) (-)

Ion 126.80 (126.50 to 127.50): VN061834.D (-2347) (-)



#48

Methyl methacrylate

Concen: 55.518 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. 0.00 min

Lab File: VN061969.D

Acq: 19 Jun 2020 22:24

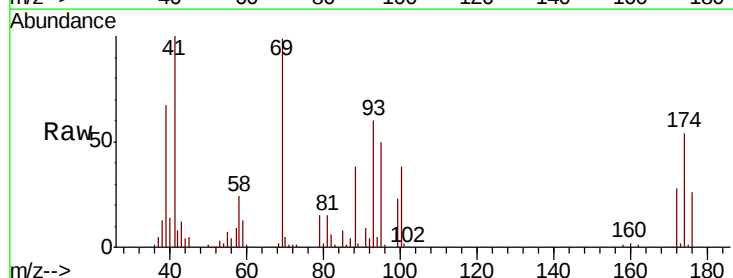
Tgt Ion: 41 Resp: 86866

Ion Ratio Lower Upper

41 100

69 104.1 83.0 124.4

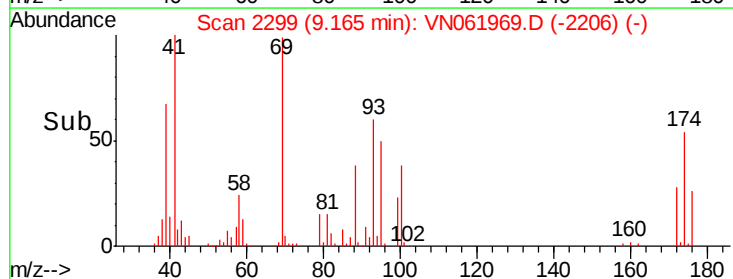
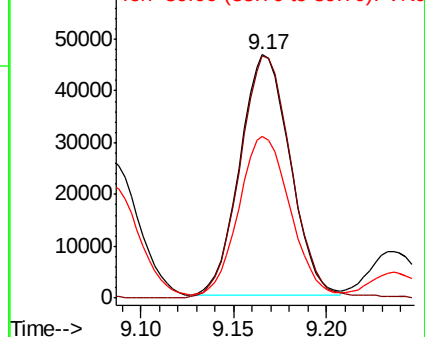
39 69.5 55.1 82.7

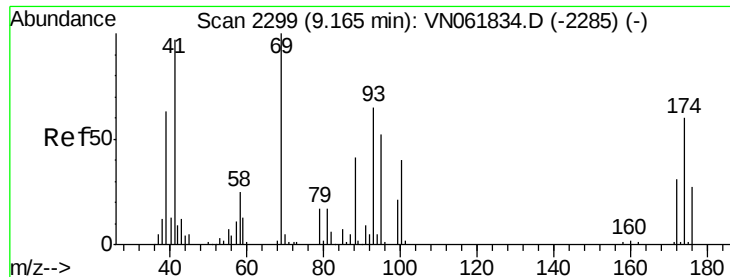


Abundance Ion 41.00 (40.70 to 41.70): VN061834.D (-2287) (-)

Ion 69.00 (68.70 to 69.70): VN061834.D (-2287) (-)

Ion 39.00 (38.70 to 39.70): VN061834.D (-2287) (-)





#49

1,4-Dioxane

Concen: 1020.001 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. 0.00 min

Lab File: VN061969.D

Acq: 19 Jun 2020 22:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

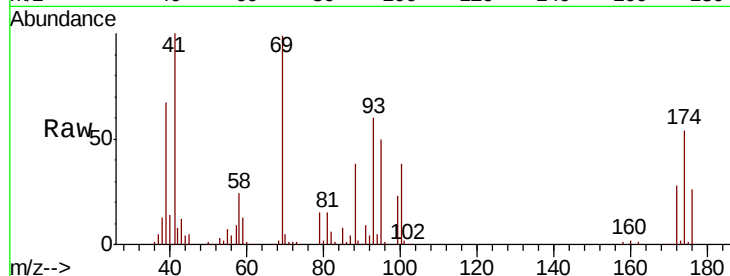
Tot Ion: 88 Resp: 36641

Ion Ratio Lower Upper

88 100

43 30.6 23.4 35.2

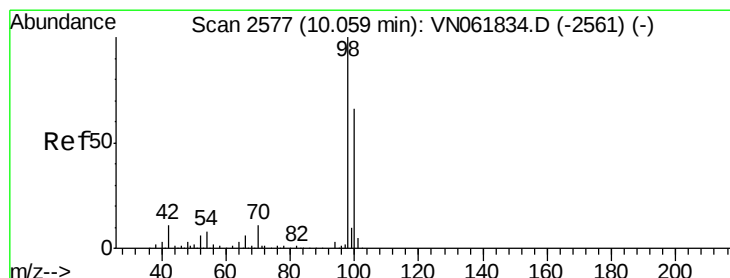
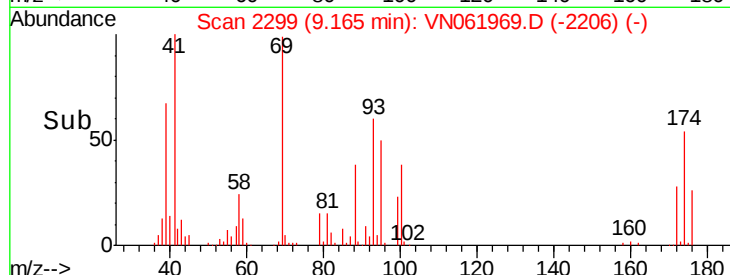
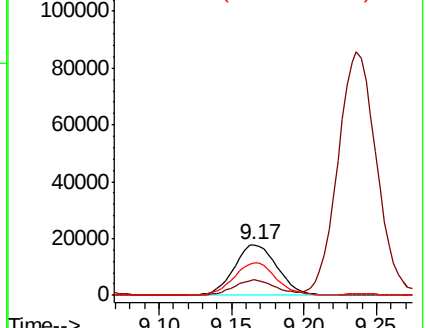
58 63.5 49.8 74.6



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

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

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



#50

Toluene-d8

Concen: 51.788 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN061969.D

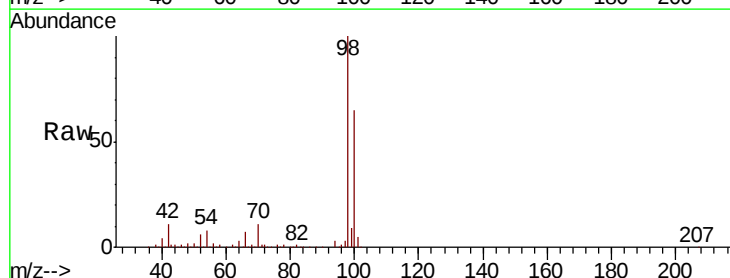
Acq: 19 Jun 2020 22:24

Tgt Ion: 98 Resp: 373347

Ion Ratio Lower Upper

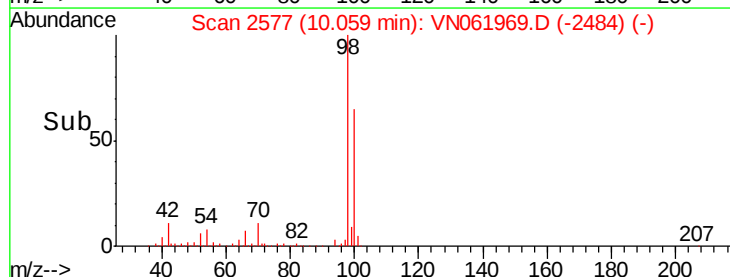
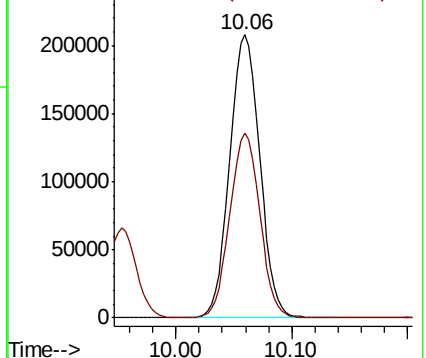
98 100

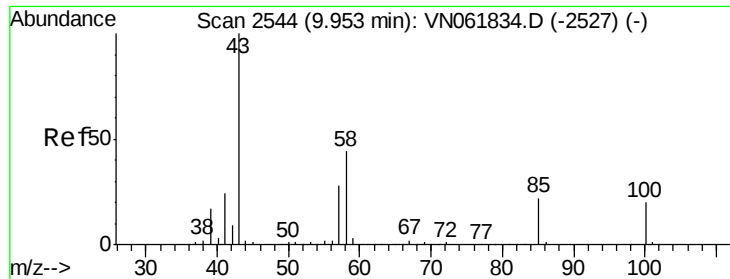
100 65.4 52.7 79.1



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

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





#51

4-Methyl-2-Pentanone

Concen: 295.397 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. 0.00 min

Lab File: VN061969.D

Acq: 19 Jun 2020 22:24

Instrument :

MSVOA_N

ClientSampleId :

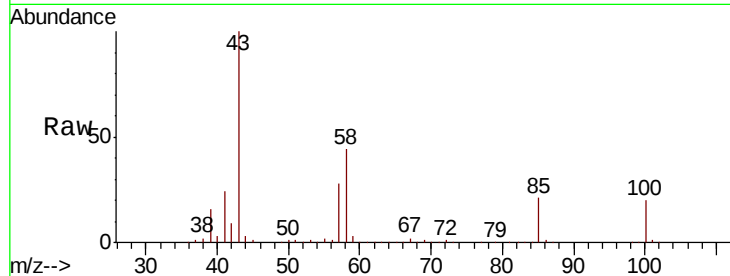
VSTDCCC050

Tot Ion: 43 Resp: 600589

Ion Ratio Lower Upper

43 100

58 43.2 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

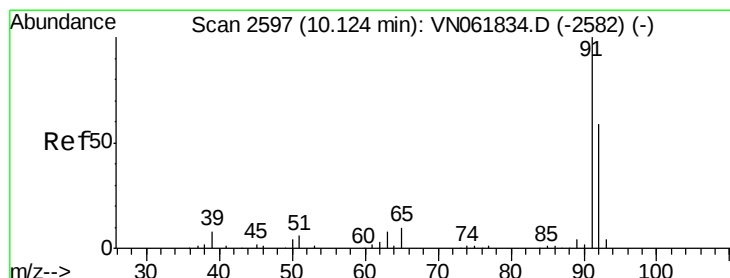
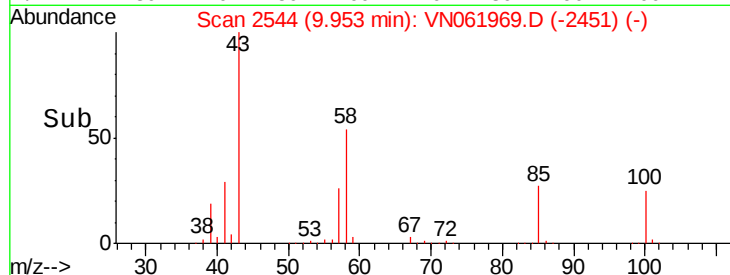
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 54.373 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. 0.00 min

Lab File: VN061969.D

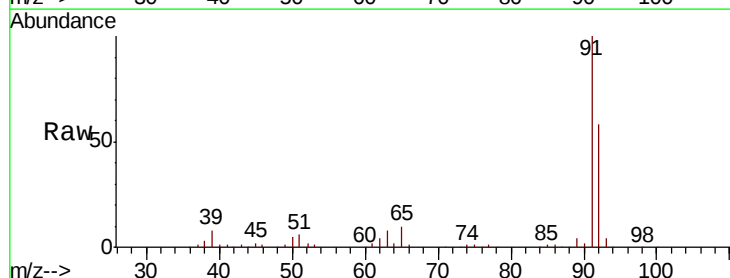
Acq: 19 Jun 2020 22:24

Tgt Ion: 92 Resp: 270438

Ion Ratio Lower Upper

92 100

91 170.2 137.1 205.7



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

300000

250000

200000

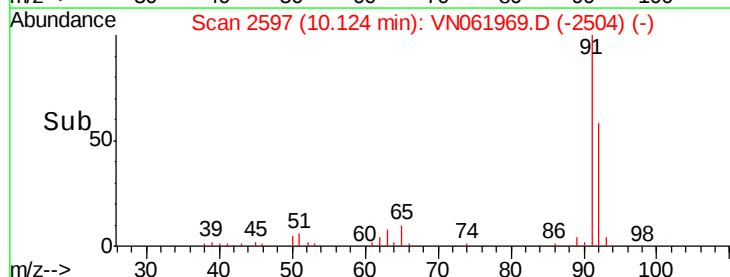
150000

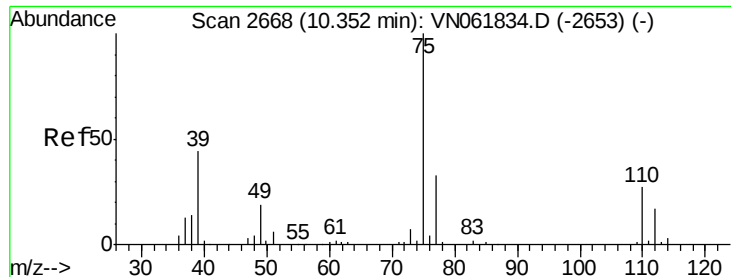
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 53.998 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. 0.00 min

Lab File: VN061969.D

Acq: 19 Jun 2020 22:24

Instrument :

MSVOA_N

ClientSampleId :

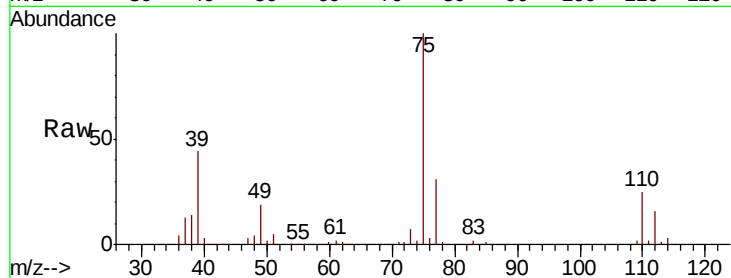
VSTDCCC050

Tot Ion: 75 Resp: 160872

Ion Ratio Lower Upper

75 100

77 30.7 26.3 39.5



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.35

80000

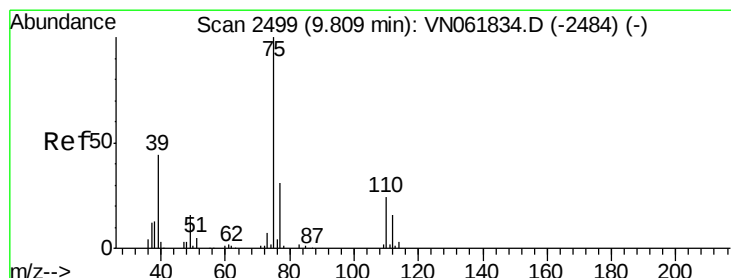
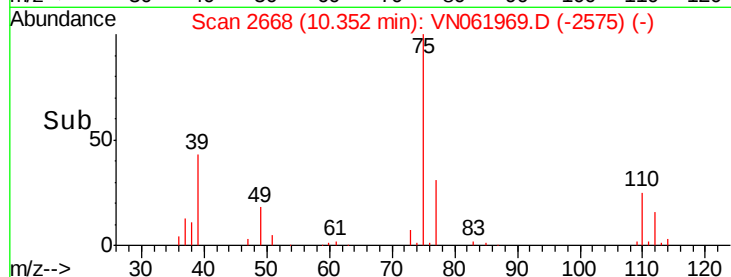
60000

40000

20000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 53.262 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. 0.00 min

Lab File: VN061969.D

Acq: 19 Jun 2020 22:24

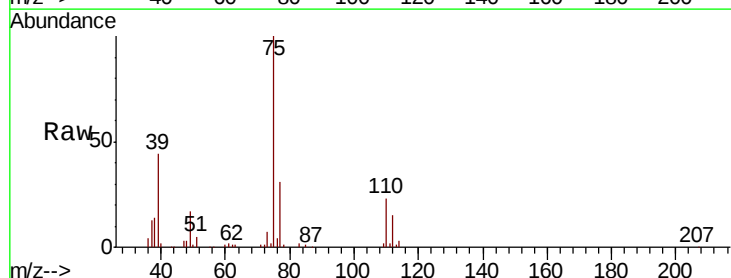
Tgt Ion: 75 Resp: 172348

Ion Ratio Lower Upper

75 100

77 31.5 24.8 37.2

39 44.2 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

9.81

120000

100000

80000

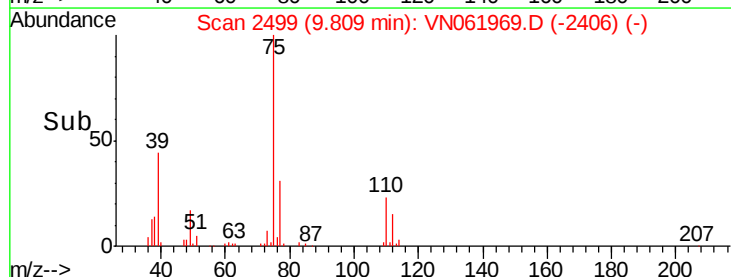
60000

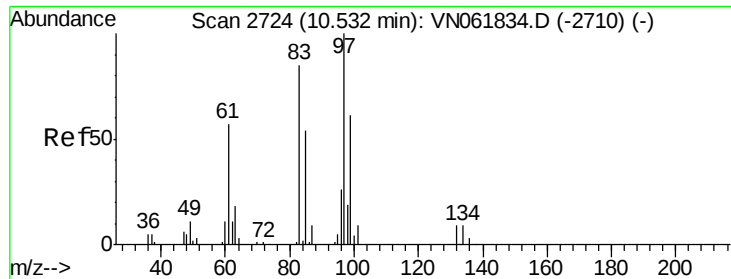
40000

20000

0

Time-->



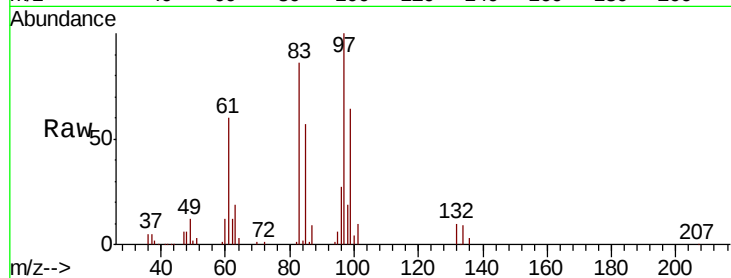


#55
 1,1,2-Trichloroethane
 Concen: 53.897 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. 0.00 min
 Lab File: VN061969.D
 Acq: 19 Jun 2020 22:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 97 Resp: 105473

Ion	Ratio	Lower	Upper
97	100		
83	86.3	67.7	101.5
85	57.4	43.4	65.0
99	64.1	48.8	73.2



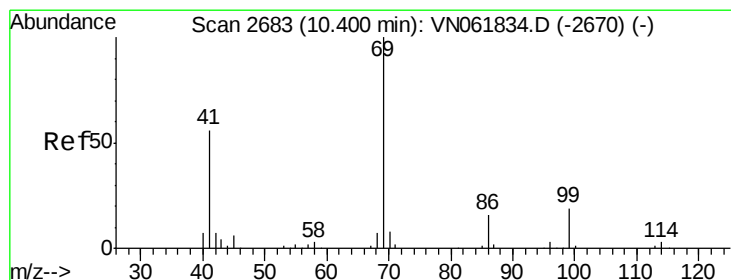
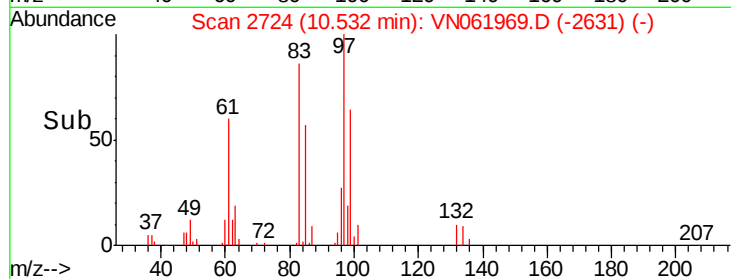
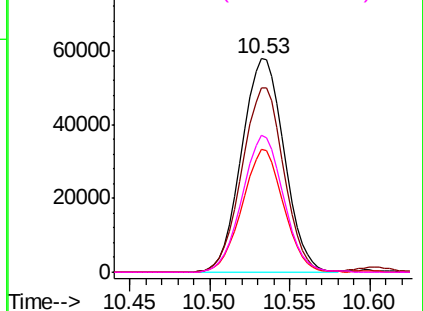
Abundance

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

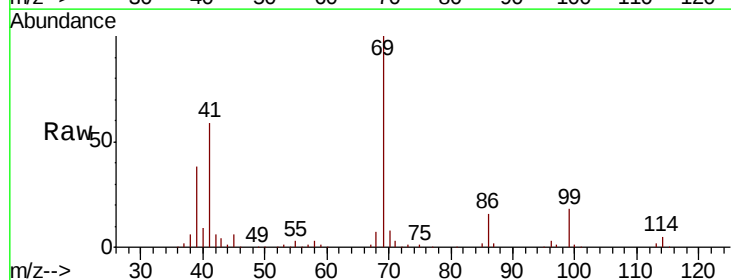
Ion 98.90 (98.60 to 99.60): VN0



#56
 Ethyl methacrylate
 Concen: 51.135 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. 0.00 min
 Lab File: VN061969.D
 Acq: 19 Jun 2020 22:24

Tgt Ion: 69 Resp: 153061

Ion	Ratio	Lower	Upper
69	100		
41	58.4	44.9	67.3
39	37.9	30.0	45.0

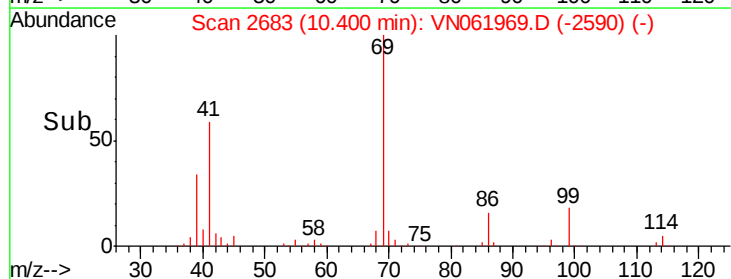
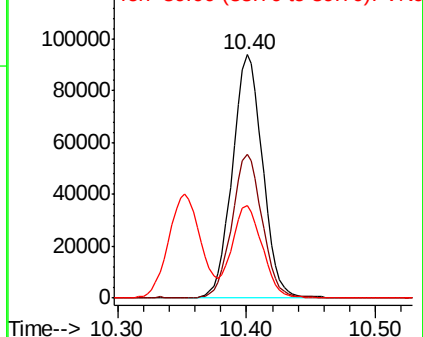


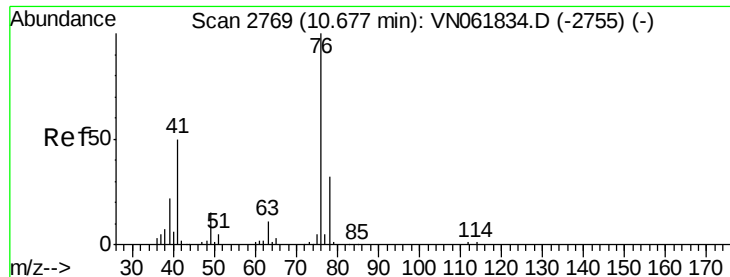
Abundance

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: 53.652 ug/l

RT: 10.68 min Scan# 2770

Delta R.T. 0.00 min

Lab File: VN061969.D

Acq: 19 Jun 2020 22:24

Instrument :

MSVOA_N

ClientSampleId :

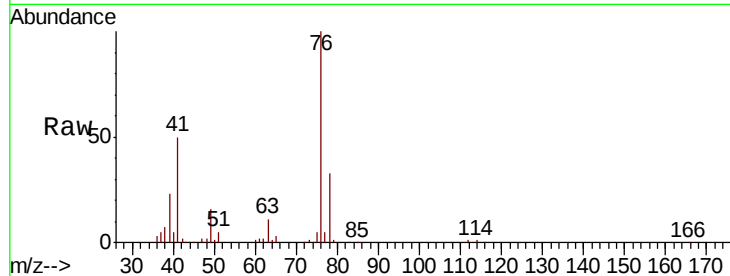
VSTDCCC050

Tot Ion: 76 Resp: 177872

Ion Ratio Lower Upper

76 100

78 32.5 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VN061834.D (-2755) (-)

Ion 77.90 (77.60 to 78.60): VN061834.D (-2755) (-)

10.68

100000

80000

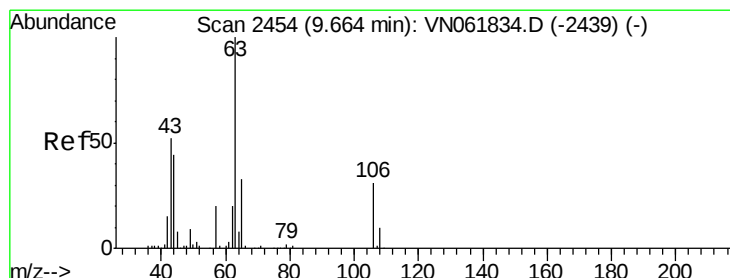
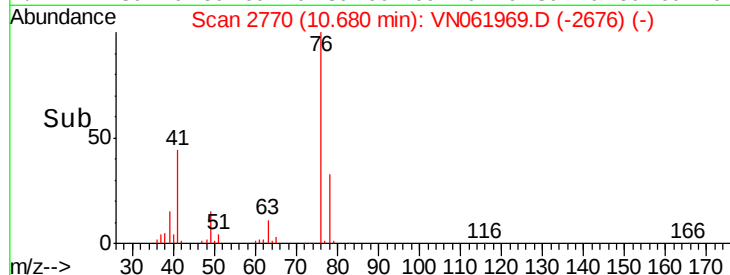
60000

40000

20000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 285.150 ug/l

RT: 9.66 min Scan# 2454

Delta R.T. 0.00 min

Lab File: VN061969.D

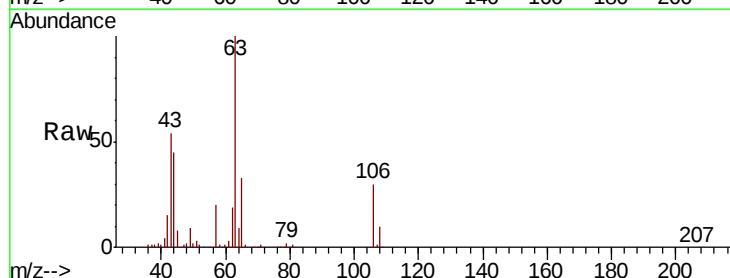
Acq: 19 Jun 2020 22:24

Tgt Ion: 63 Resp: 294503

Ion Ratio Lower Upper

63 100

106 29.5 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VN061834.D (-2439) (-)

Ion 105.90 (105.60 to 106.60): VN061834.D (-2439) (-)

9.66

200000

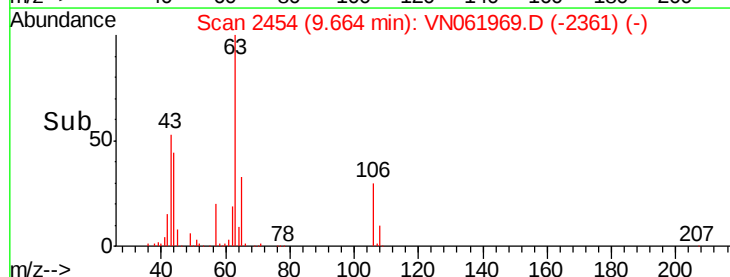
150000

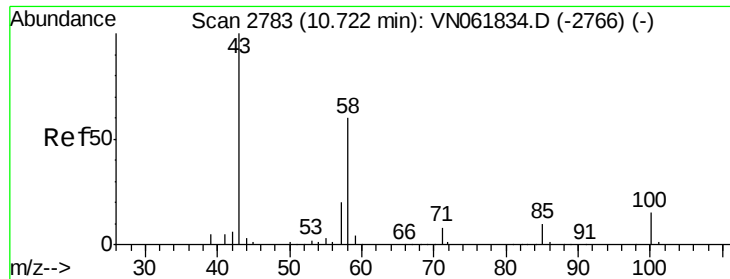
100000

50000

0

Time-->

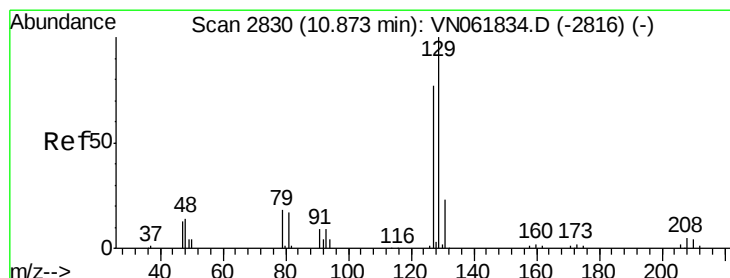
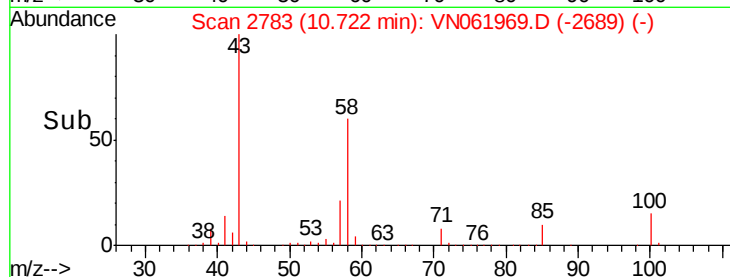
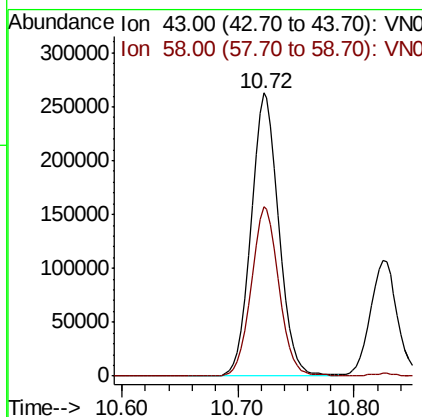
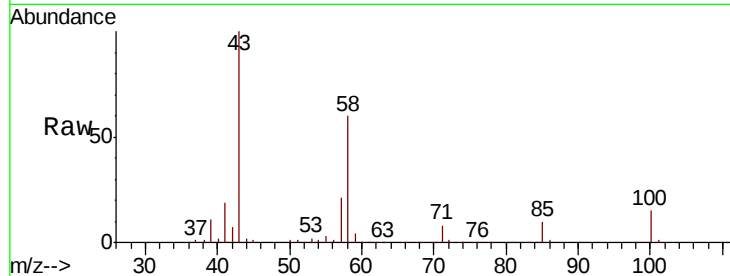




#59
2-Hexanone
Concen: 269.392 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN061969.D
Acq: 19 Jun 2020 22:24

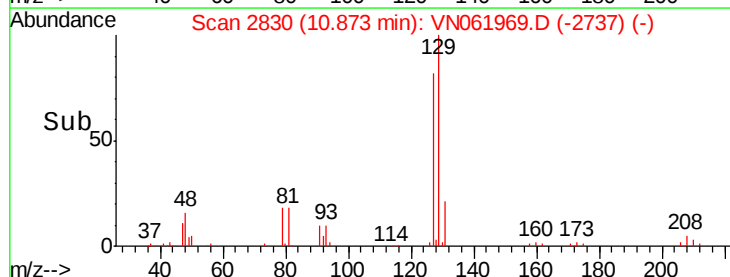
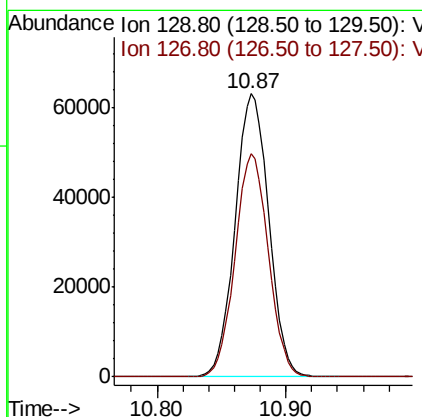
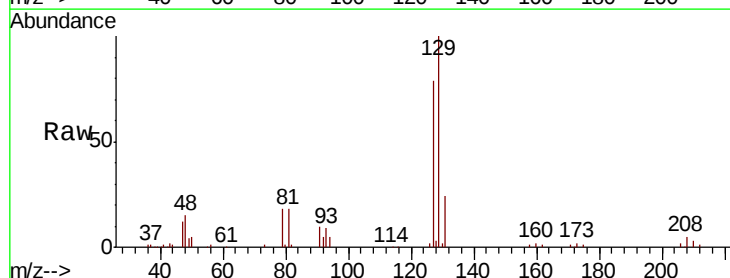
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 439362
Ion Ratio Lower Upper
43 100
58 59.8 30.1 90.5



#60
Dibromochloromethane
Concen: 52.348 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. 0.00 min
Lab File: VN061969.D
Acq: 19 Jun 2020 22:24

Tgt Ion: 129 Resp: 114309
Ion Ratio Lower Upper
129 100
127 77.9 38.5 115.5

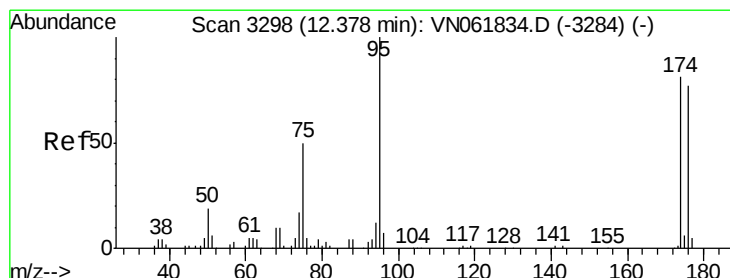
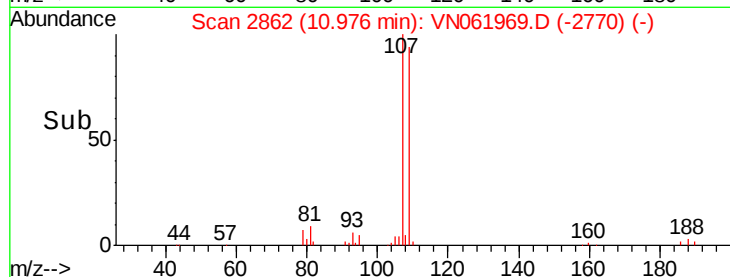
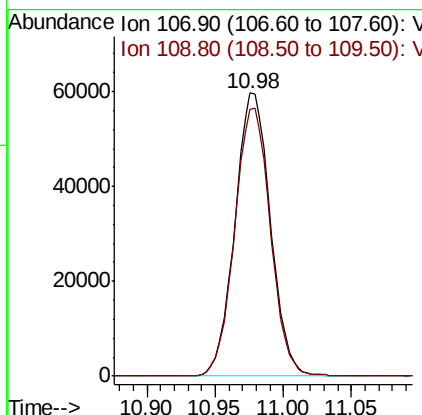
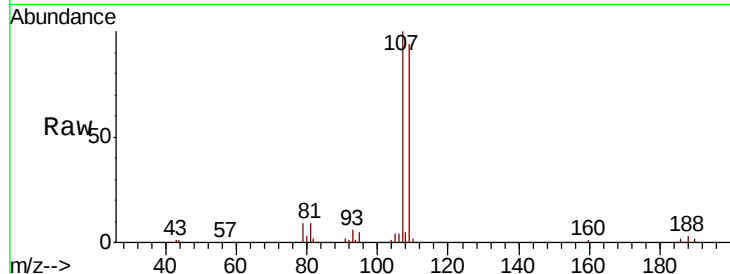




#61
 1,2-Dibromoethane
 Concen: 52.781 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN061969.D
 Acq: 19 Jun 2020 22:24

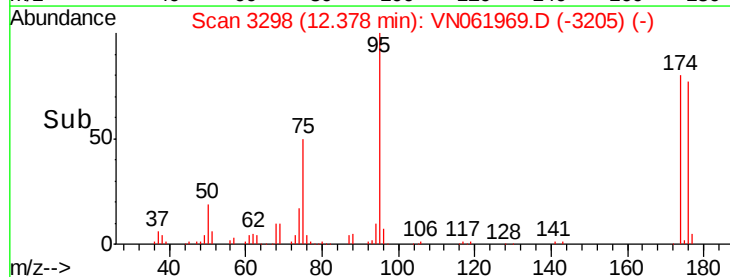
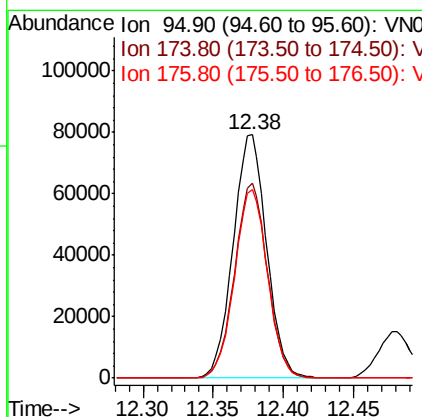
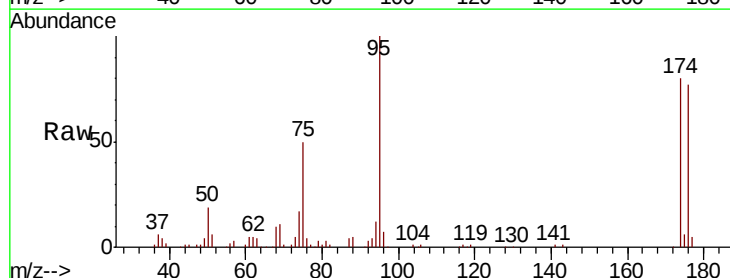
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 107 Resp: 107853
 Ion Ratio Lower Upper
 107 100
 109 95.4 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 53.306 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: VN061969.D
 Acq: 19 Jun 2020 22:24

Tgt Ion: 95 Resp: 131817
 Ion Ratio Lower Upper
 95 100
 174 78.8 0.0 158.6
 176 76.3 0.0 152.0

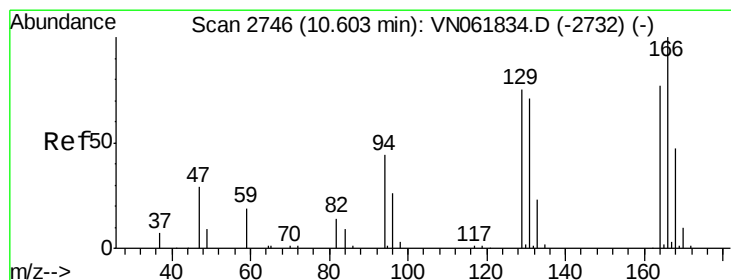
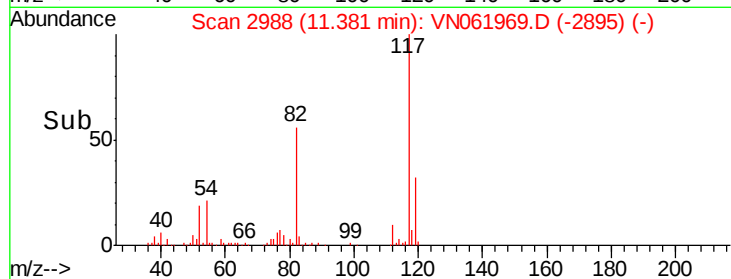
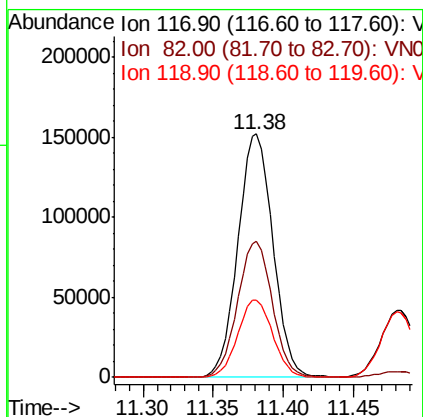
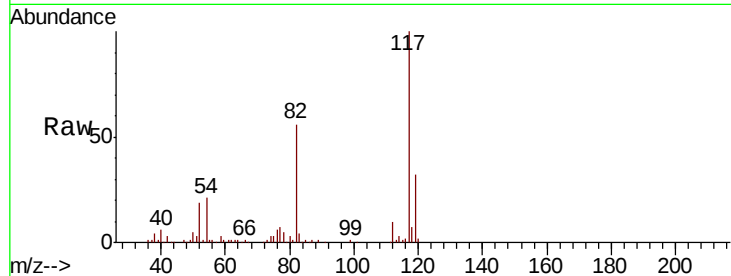




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061969.D
Acq: 19 Jun 2020 22:24

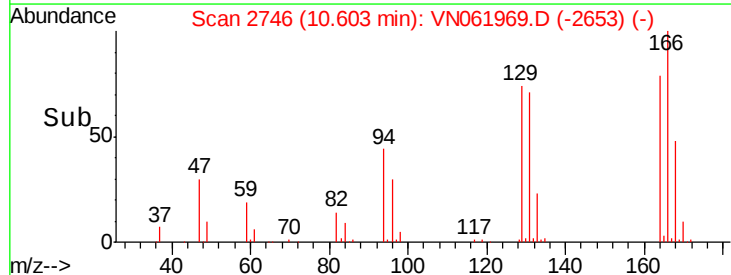
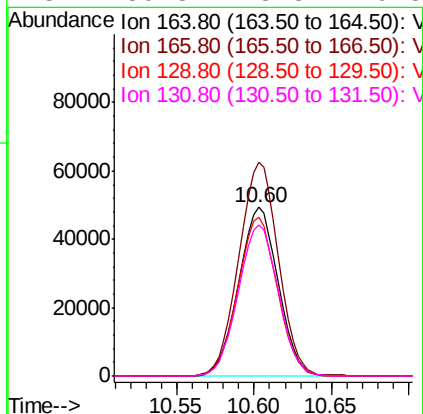
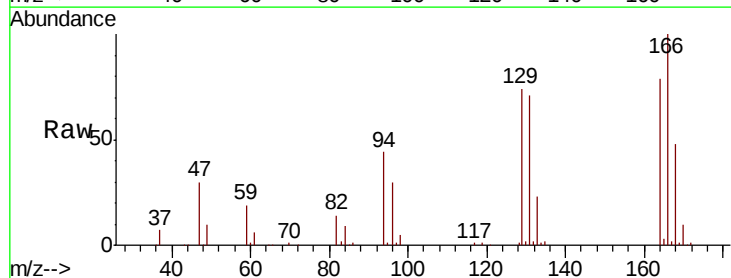
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:117 Resp: 265252
Ion Ratio Lower Upper
117 100
82 55.7 42.6 64.0
119 31.9 24.7 37.1



#64
Tetrachloroethene
Concen: 51.749 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. 0.00 min
Lab File: VN061969.D
Acq: 19 Jun 2020 22:24

Tgt Ion:164 Resp: 87488
Ion Ratio Lower Upper
164 100
166 126.8 103.5 155.3
129 94.3 77.5 116.3
131 89.8 73.8 110.8

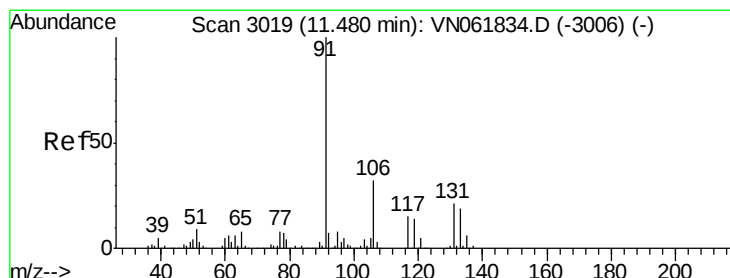
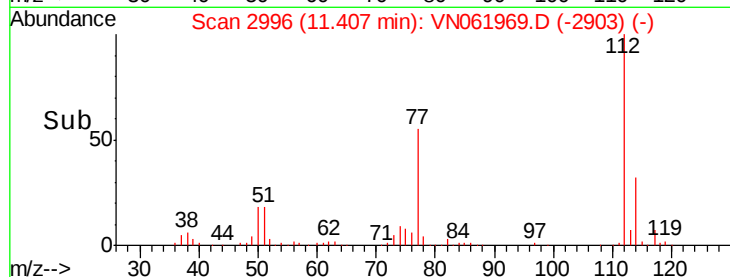
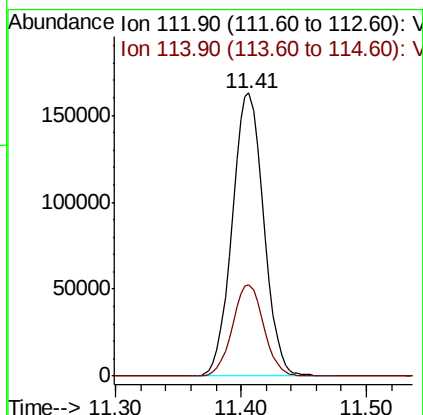
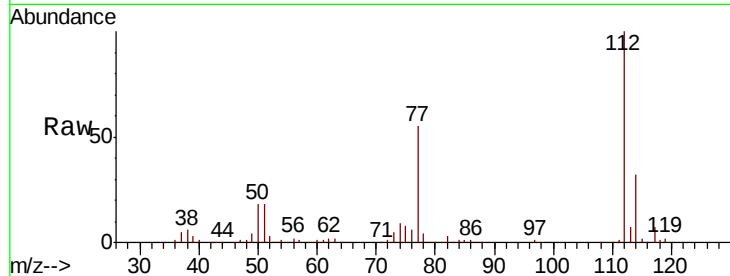




#65
Chlorobenzene
Concen: 50.800 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN061969.D
Acq: 19 Jun 2020 22:24

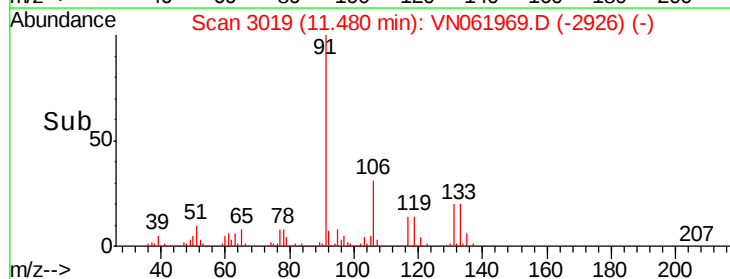
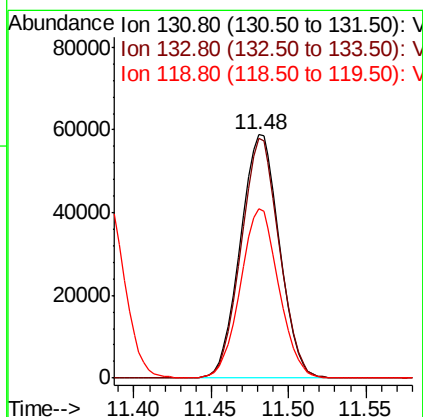
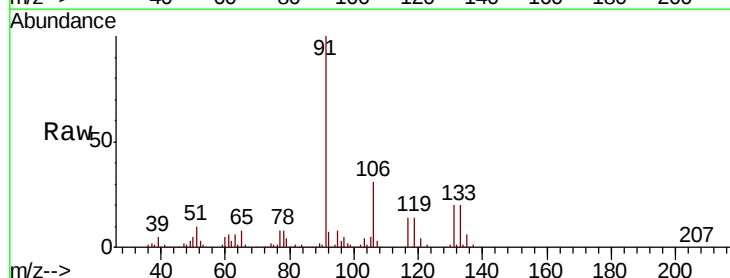
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

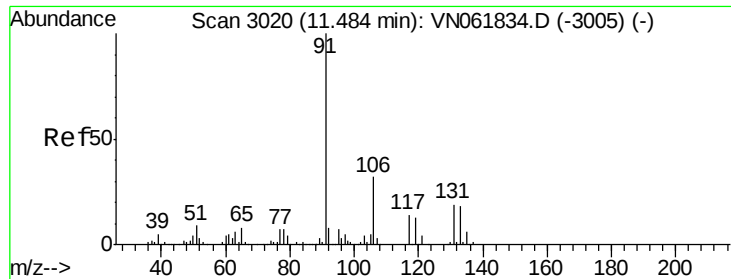
Tot Ion:112 Resp: 284331
Ion Ratio Lower Upper
112 100
114 32.4 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 53.066 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. 0.00 min
Lab File: VN061969.D
Acq: 19 Jun 2020 22:24

Tgt Ion:131 Resp: 103588
Ion Ratio Lower Upper
131 100
133 96.3 47.5 142.5
119 68.4 34.0 101.8

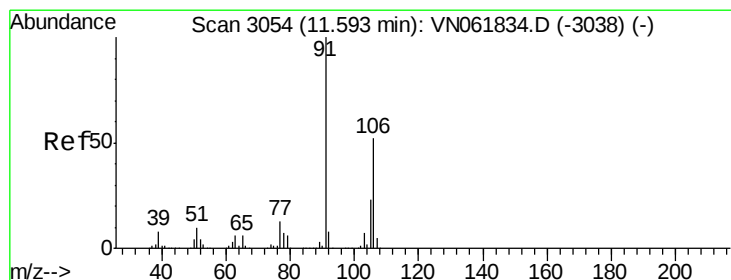
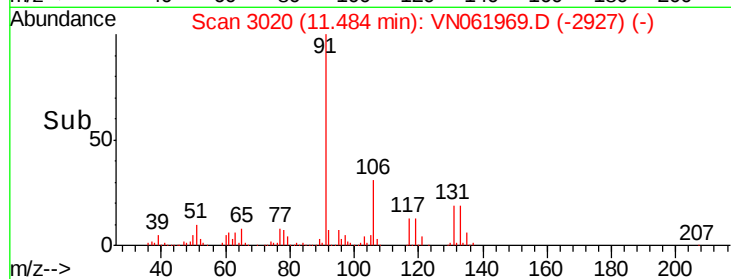
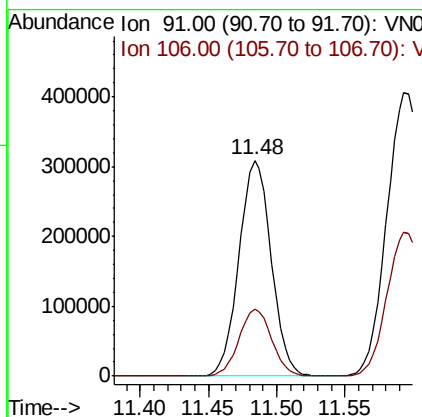
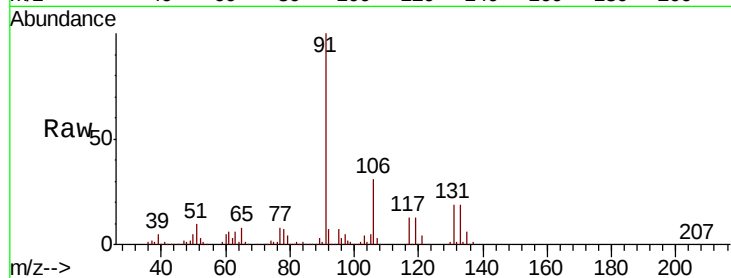




#67
Ethyl Benzene
Concen: 54.093 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN061969.D
Acq: 19 Jun 2020 22:24

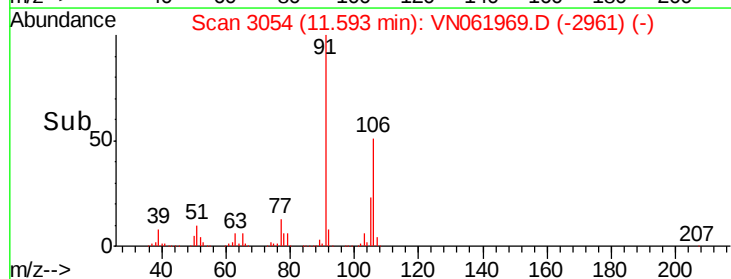
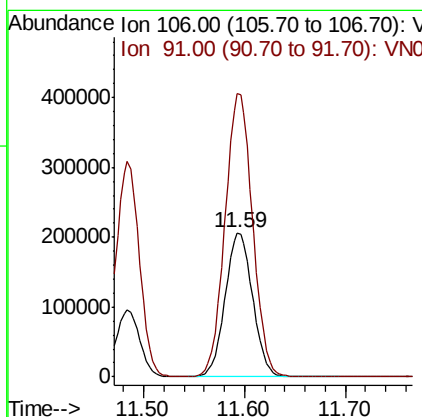
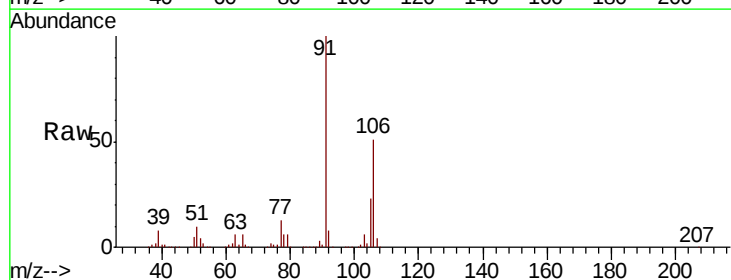
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

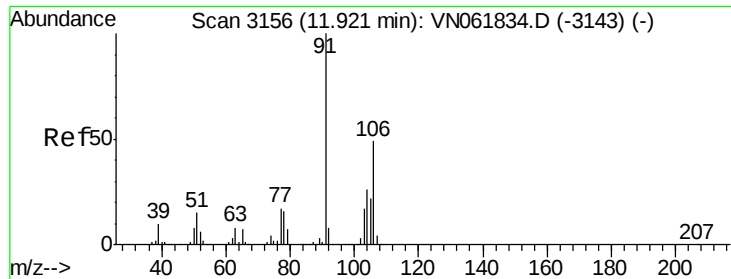
Tot Ion: 91 Resp: 507617
Ion Ratio Lower Upper
91 100
106 31.1 25.4 38.2



#68
m/p-Xylenes
Concen: 108.166 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN061969.D
Acq: 19 Jun 2020 22:24

Tgt Ion: 106 Resp: 391406
Ion Ratio Lower Upper
106 100
91 197.4 157.0 235.6

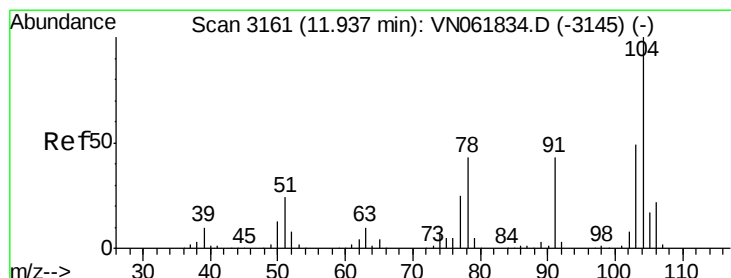
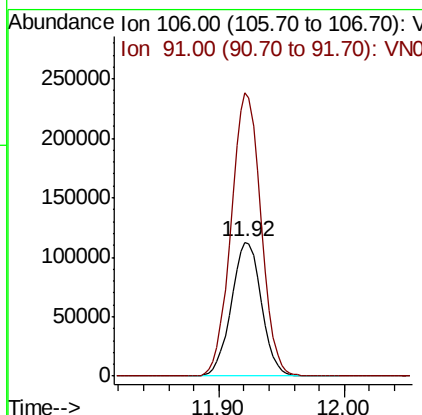
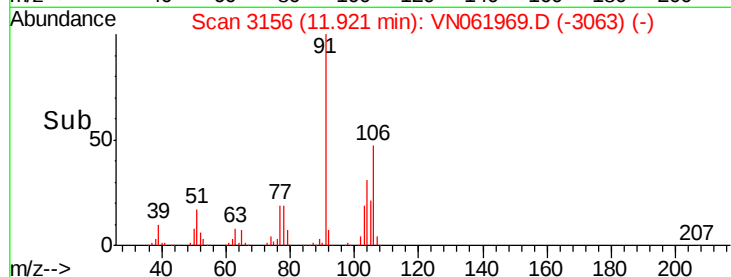
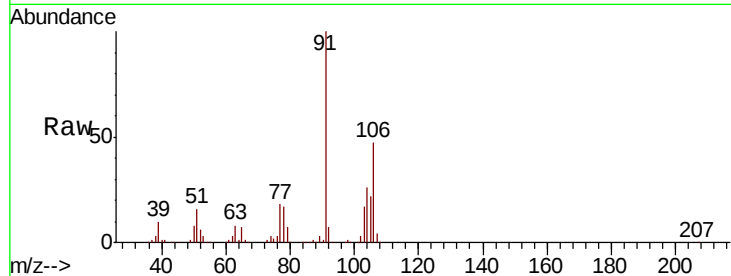




#69
o-Xylene
Concen: 54.474 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN061969.D
Acq: 19 Jun 2020 22:24

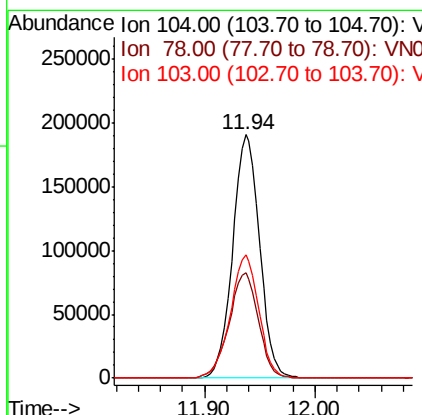
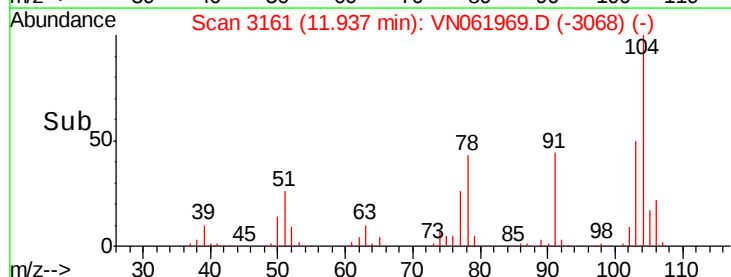
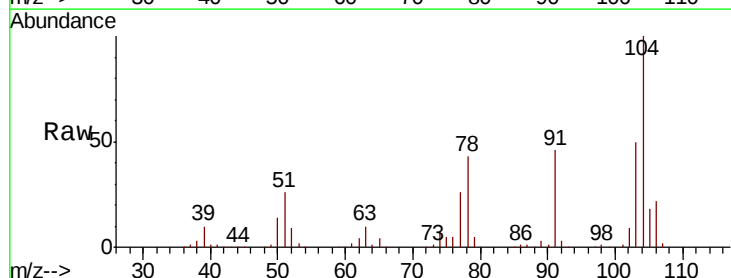
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

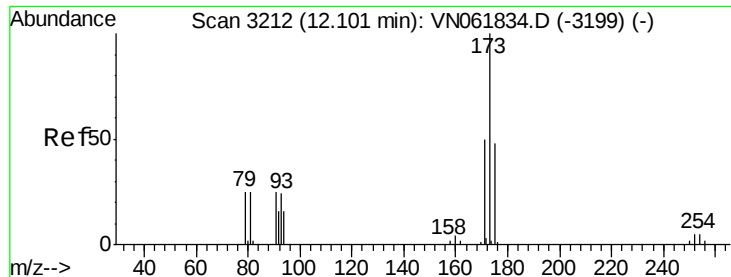
Tot Ion:106 Resp: 188079
Ion Ratio Lower Upper
106 100
91 209.5 103.0 308.9



#70
Styrene
Concen: 55.850 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN061969.D
Acq: 19 Jun 2020 22:24

Tgt Ion:104 Resp: 322871
Ion Ratio Lower Upper
104 100
78 47.2 37.6 56.4
103 53.4 43.0 64.4





#71

Bromoform

Concen: 54.876 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. 0.00 min

Lab File: VN061969.D

Acq: 19 Jun 2020 22:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

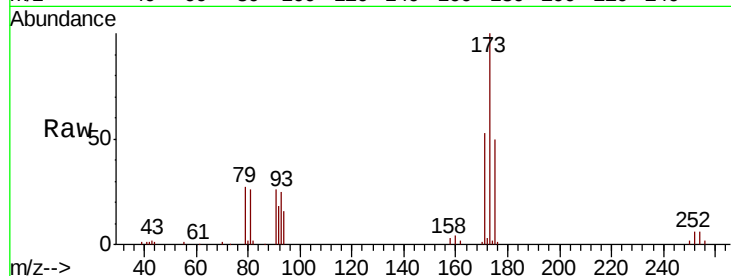
Tot Ion:173 Resp: 78107

Ion Ratio Lower Upper

173 100

175 49.0 23.9 71.7

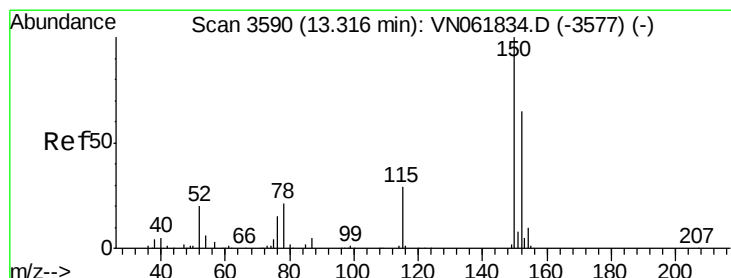
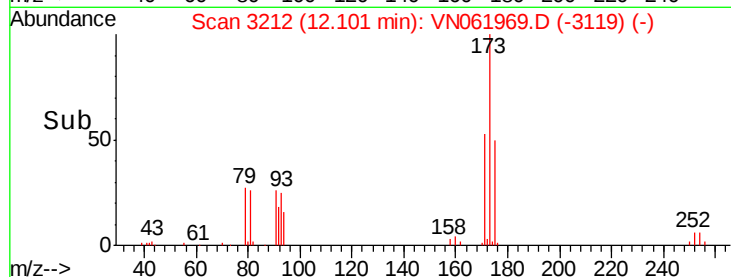
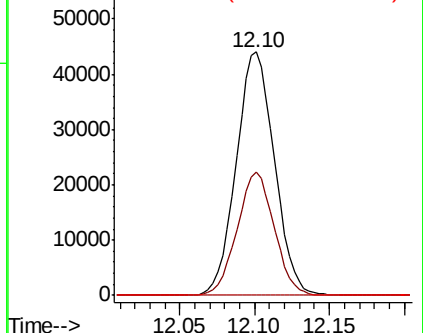
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3590

Delta R.T. 0.00 min

Lab File: VN061969.D

Acq: 19 Jun 2020 22:24

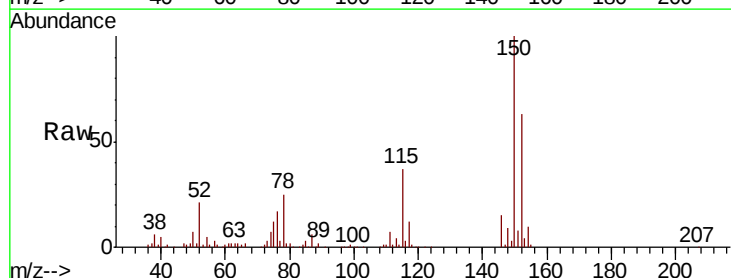
Tgt Ion:152 Resp: 131157

Ion Ratio Lower Upper

152 100

115 58.4 29.1 87.3

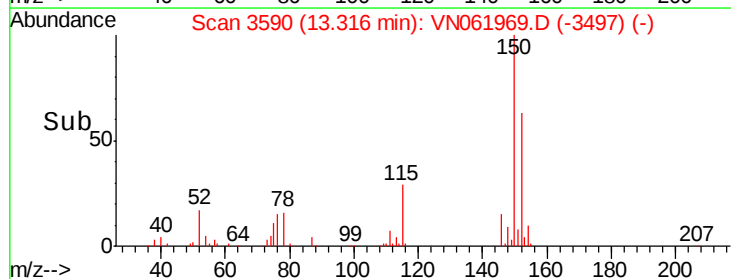
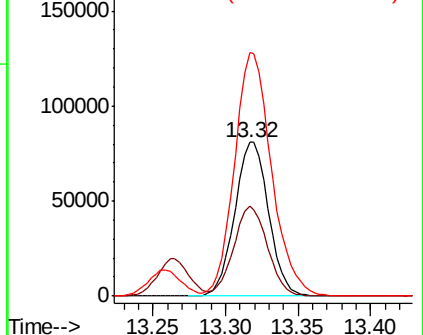
150 173.5 0.0 347.6

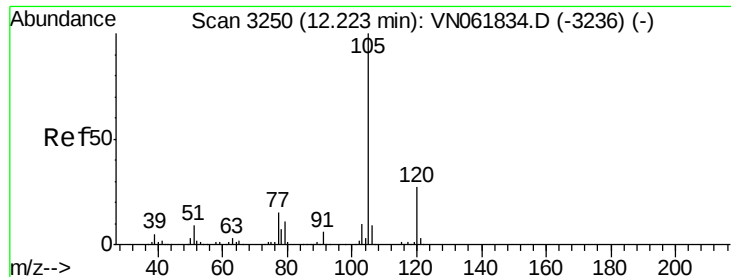


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 53.462 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN061969.D

Acq: 19 Jun 2020 22:24

Instrument :

MSVOA_N

ClientSampleId :

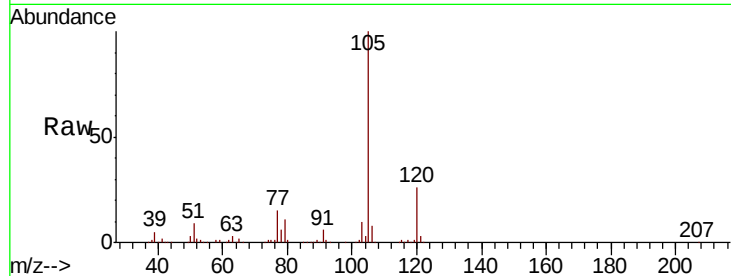
VSTDCCC050

Tot Ion:105 Resp: 498273

Ion Ratio Lower Upper

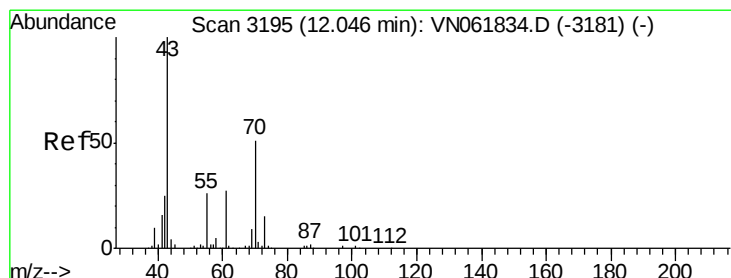
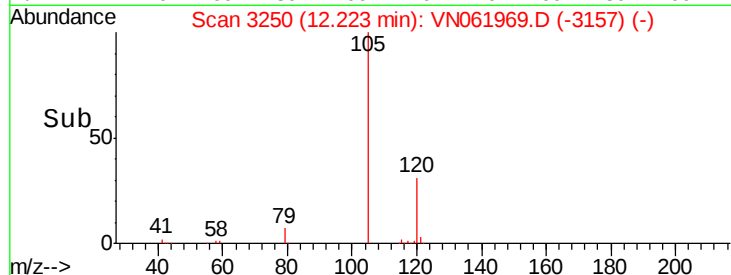
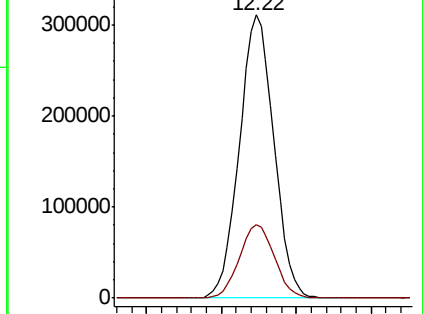
105 100

120 26.3 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 53.241 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN061969.D

Acq: 19 Jun 2020 22:24

Tgt Ion: 43 Resp: 180414

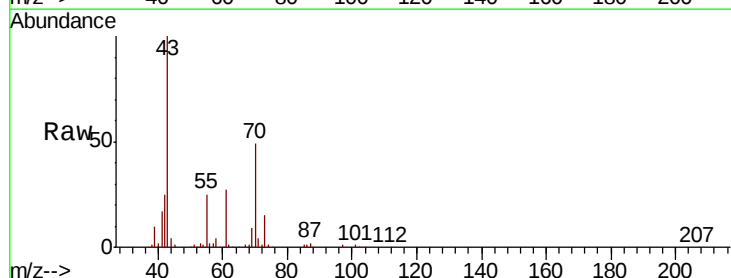
Ion Ratio Lower Upper

43 100

70 48.9 40.6 60.8

55 26.3 21.5 32.3

61 26.6 21.6 32.4

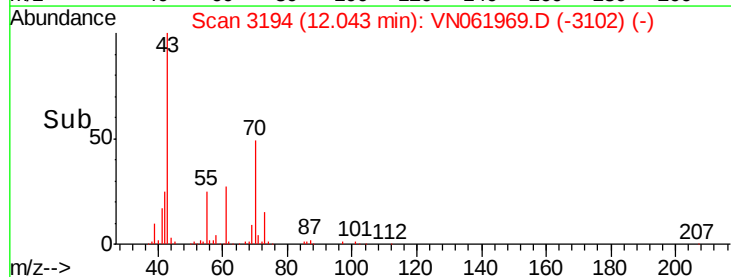
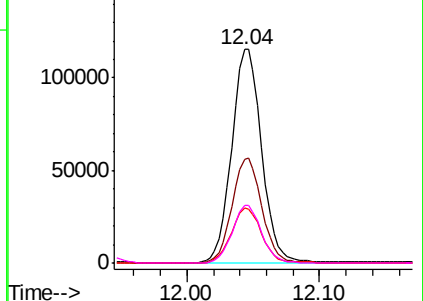


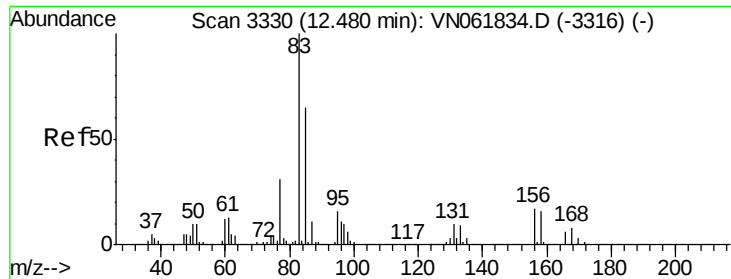
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 52.715 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN061969.D

Acq: 19 Jun 2020 22:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

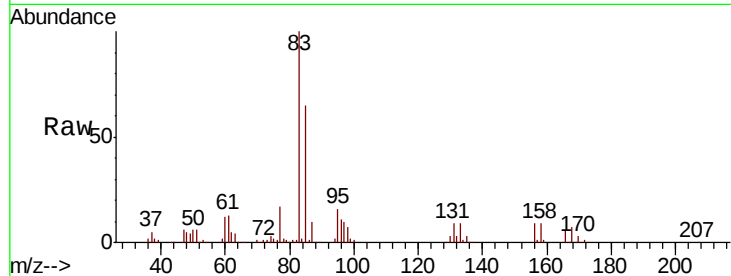
Tot Ion: 83 Resp: 159736

Ion Ratio Lower Upper

83 100

131 9.9 5.0 15.0

85 64.6 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VN061834.D (-3316) (-)

Ion 130.80 (130.50 to 131.50): VN061834.D (-3316) (-)

Ion 84.90 (84.60 to 85.60): VN061834.D (-3316) (-)

12.48

100000

80000

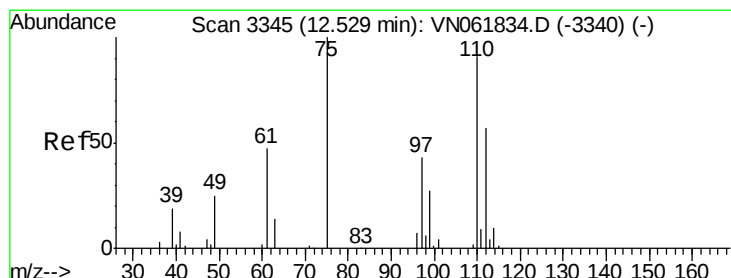
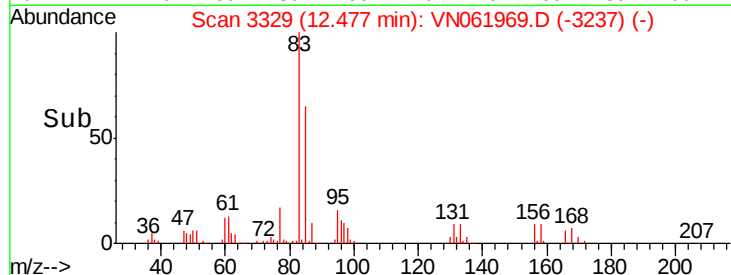
60000

40000

20000

0

Time--> 12.40 12.45 12.50



#76

1,2,3-Trichloropropane

Concen: 77.144 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN061969.D

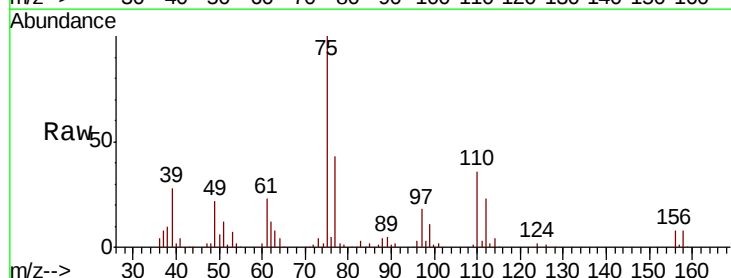
Acq: 19 Jun 2020 22:24

Tgt Ion: 75 Resp: 198641

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN061834.D (-3340) (-)

Ion 77.00 (76.70 to 77.70): VN061834.D (-3340) (-)

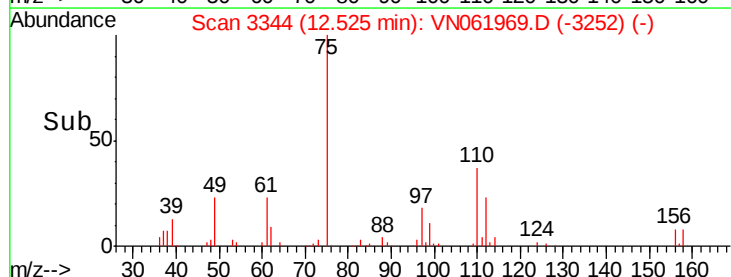
12.53

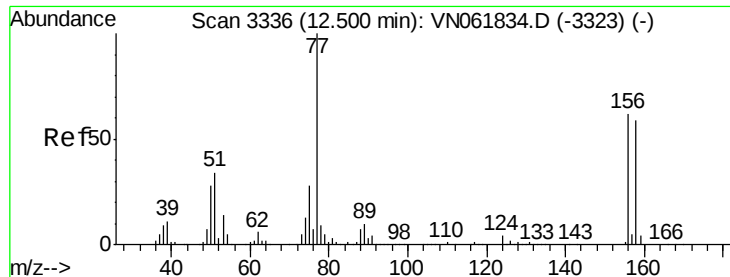
100000

50000

0

Time--> 12.40 12.50 12.60





#77

Bromobenzene

Concen: 51.308 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN061969.D

Acq: 19 Jun 2020 22:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

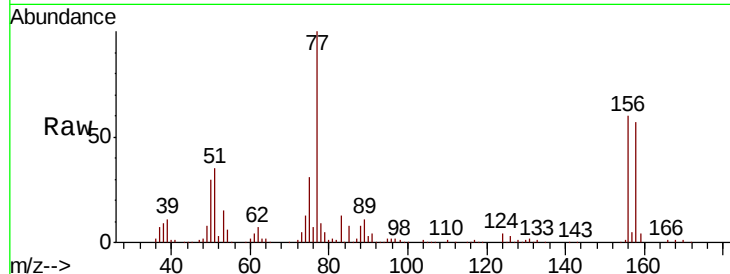
Tot Ion:156 Resp: 120644

Ion Ratio Lower Upper

156 100

77 205.9 100.7 302.1

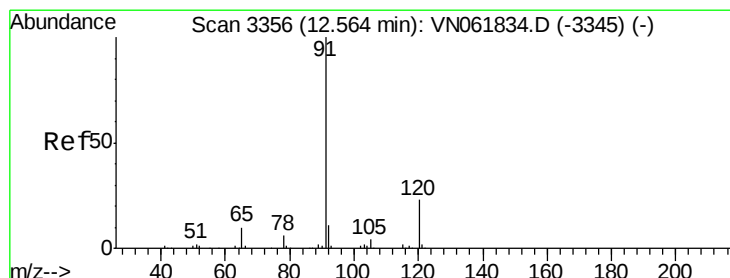
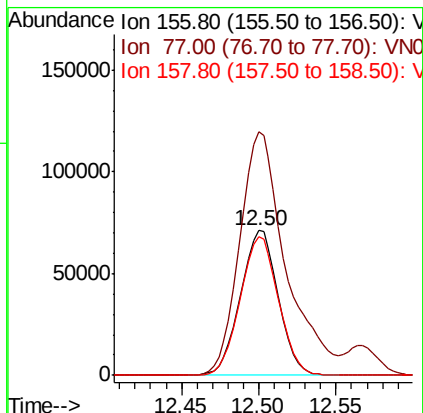
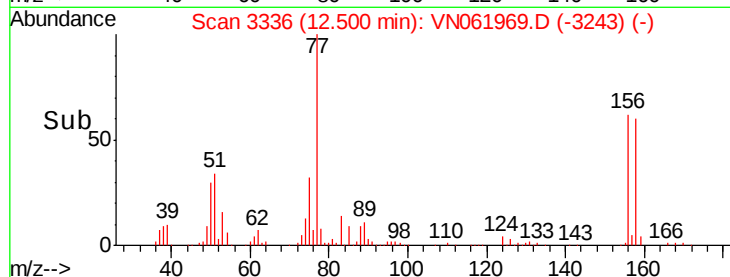
158 97.2 48.5 145.5



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.148 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN061969.D

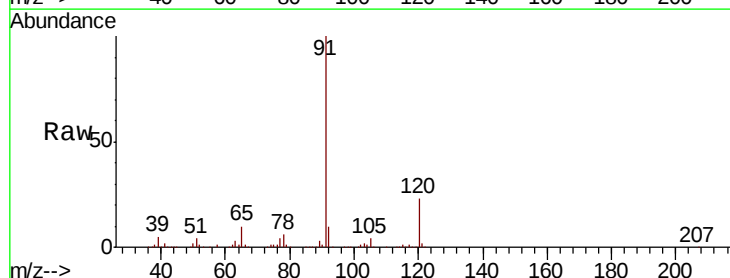
Acq: 19 Jun 2020 22:24

Tgt Ion: 91 Resp: 565217

Ion Ratio Lower Upper

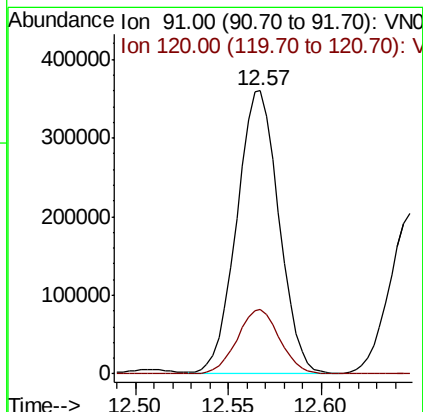
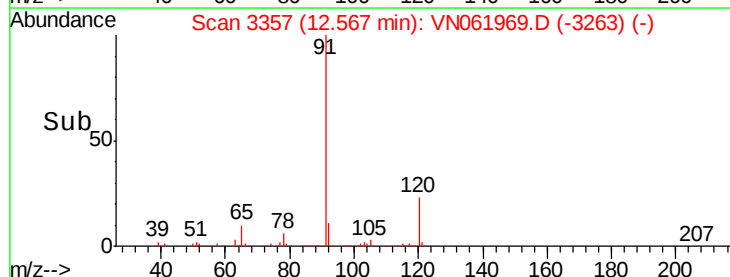
91 100

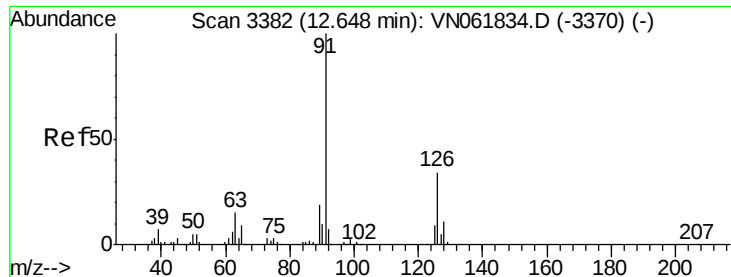
120 22.9 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VN

Ion 120.00 (119.70 to 120.70): V

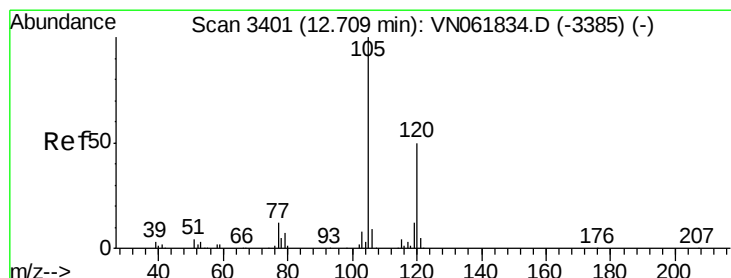
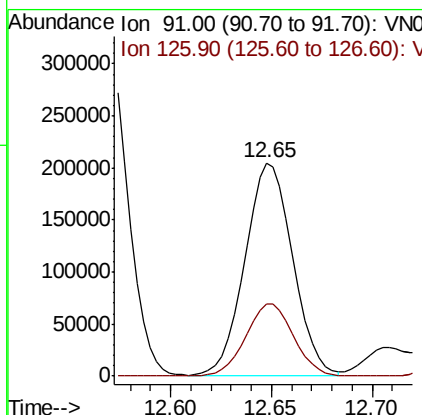
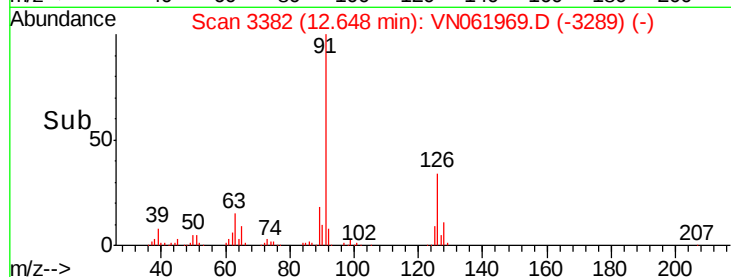
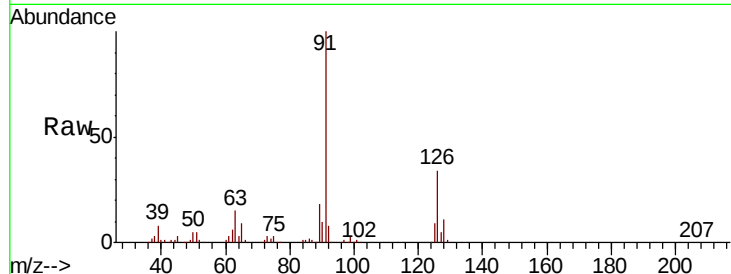




#79
 2-Chlorotoluene
 Concen: 52.695 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. 0.00 min
 Lab File: VN061969.D
 Acq: 19 Jun 2020 22:24

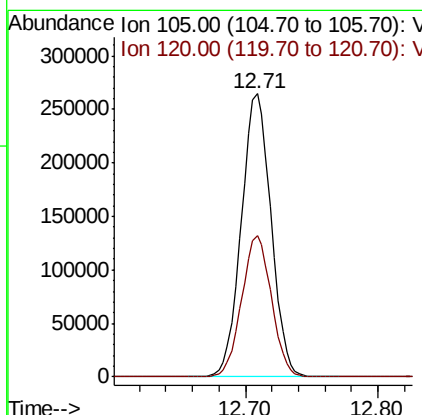
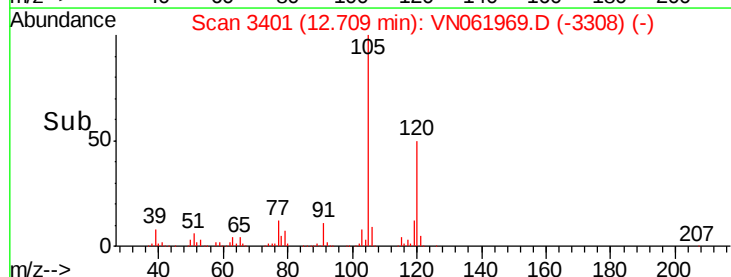
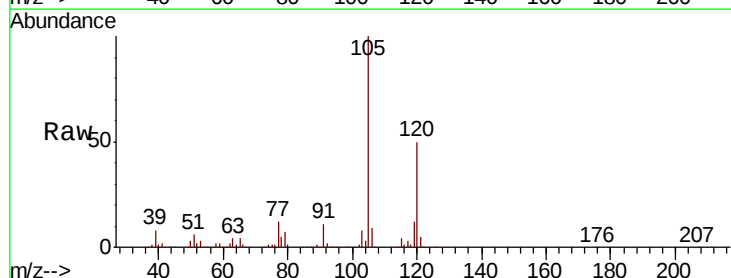
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 336573
 Ion Ratio Lower Upper
 91 100
 126 34.4 17.3 51.7



#80
 1,3,5-Trimethylbenzene
 Concen: 53.289 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. 0.00 min
 Lab File: VN061969.D
 Acq: 19 Jun 2020 22:24

Tgt Ion: 105 Resp: 410898
 Ion Ratio Lower Upper
 105 100
 120 50.0 24.9 74.7





#81

trans-1,4-Dichloro-2-butene

Concen: 54.463 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. 0.00 min

Lab File: VN061969.D

Acq: 19 Jun 2020 22:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

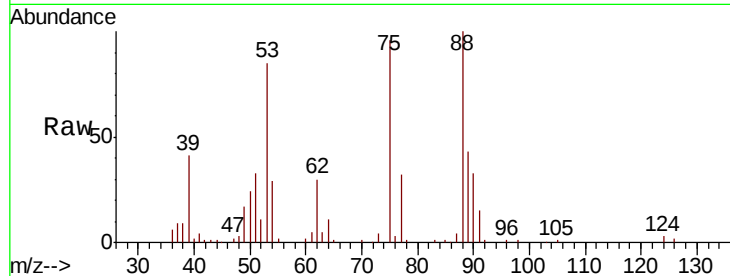
Tot Ion: 75 Resp: 51418

Ion Ratio Lower Upper

75 100

53 89.0 70.4 105.6

89 44.8 36.0 54.0

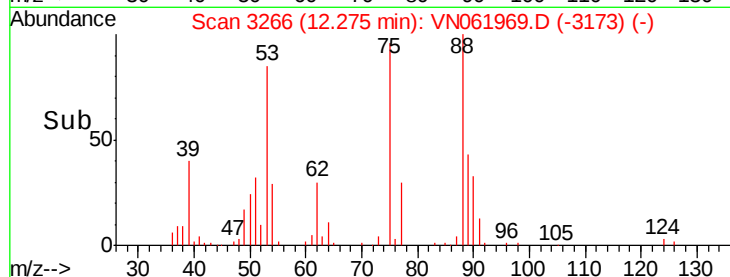


Abundance Ion 74.90 (74.60 to 75.60): VN061834.D (-3256) (-)

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

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

Time-->

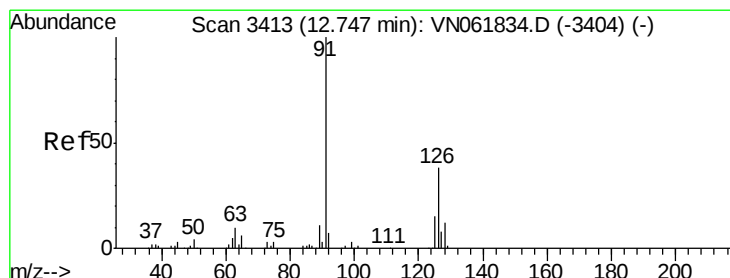


Abundance Ion 74.90 (74.60 to 75.60): VN061969.D (-3173) (-)

Ion 53.00 (52.70 to 53.70): VN061969.D (-3173) (-)

Ion 88.90 (88.60 to 89.60): VN061969.D (-3173) (-)

Time-->



#82

4-Chlorotoluene

Concen: 53.199 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN061969.D

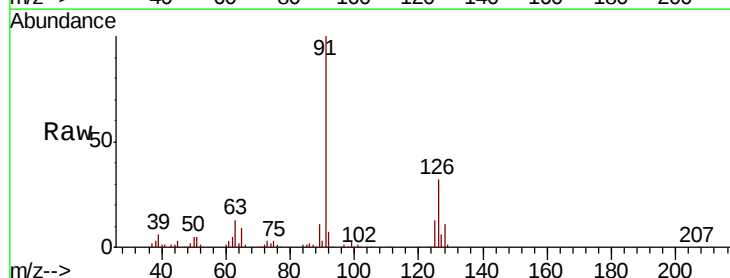
Acq: 19 Jun 2020 22:24

Tgt Ion: 91 Resp: 351107

Ion Ratio Lower Upper

91 100

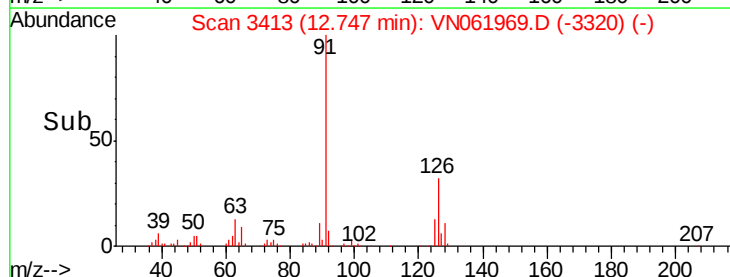
126 33.1 17.2 51.6



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

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

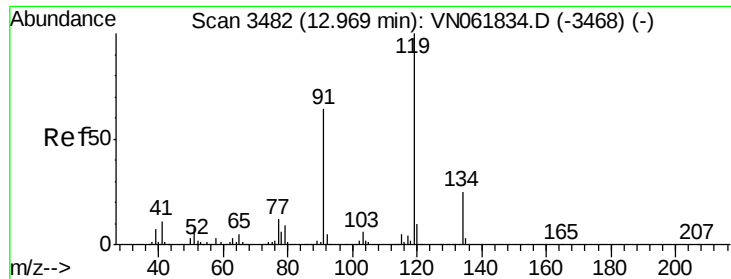
Time-->



Abundance Ion 91.00 (90.70 to 91.70): VN061969.D (-3320) (-)

Ion 125.90 (125.60 to 126.60): VN061969.D (-3320) (-)

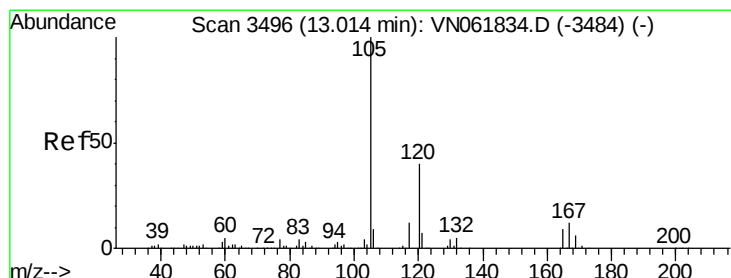
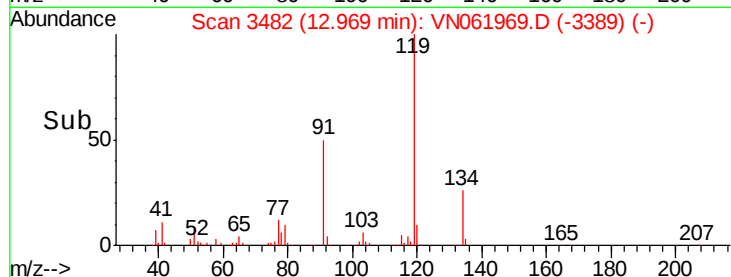
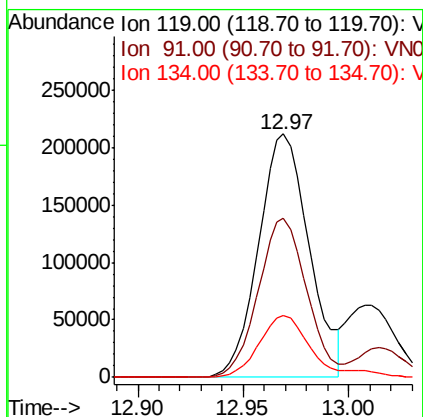
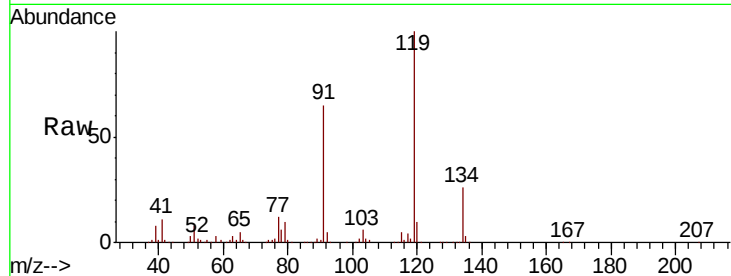
Time-->



#83
tert-Butylbenzene
Concen: 54.205 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. 0.00 min
Lab File: VN061969.D
Acq: 19 Jun 2020 22:24

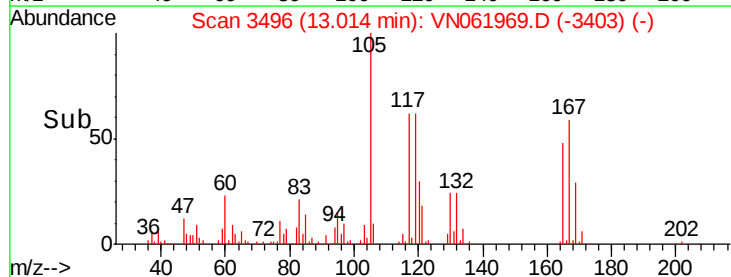
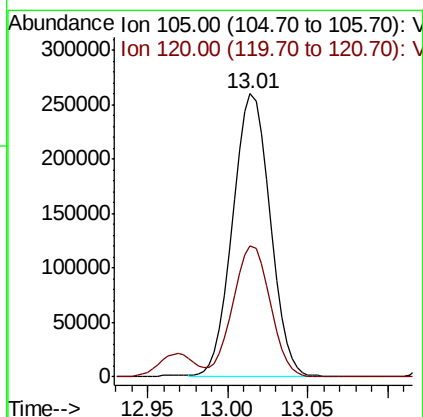
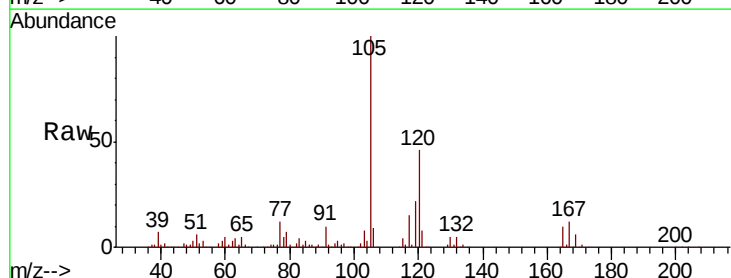
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

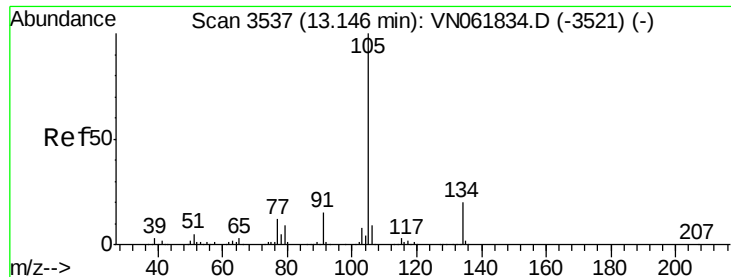
Tot Ion:119 Resp: 354338
Ion Ratio Lower Upper
119 100
91 62.8 31.5 94.5
134 26.5 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 54.286 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. 0.00 min
Lab File: VN061969.D
Acq: 19 Jun 2020 22:24

Tgt Ion:105 Resp: 413201
Ion Ratio Lower Upper
105 100
120 46.7 23.3 69.9

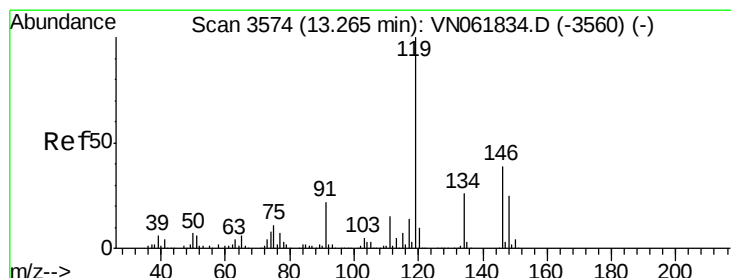
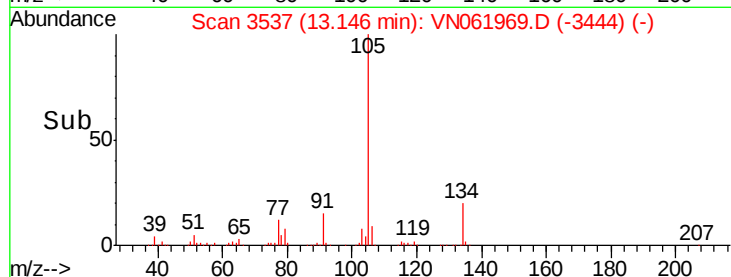
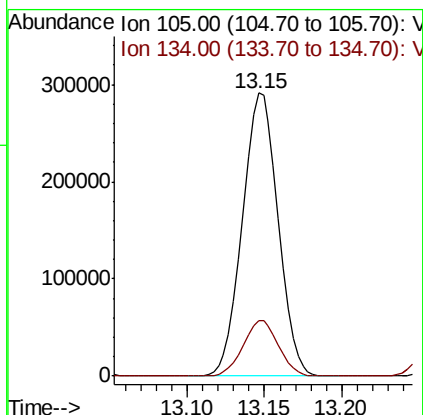
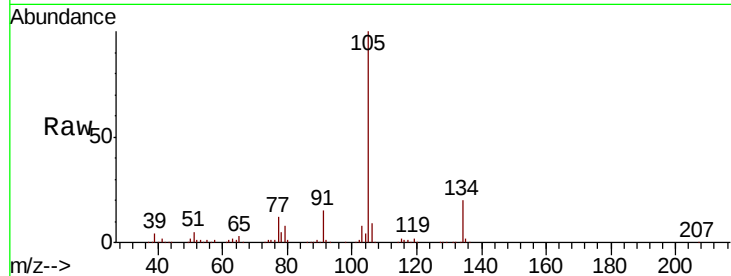




#85
 sec-Butylbenzene
 Concen: 54.693 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. 0.00 min
 Lab File: VN061969.D
 Acq: 19 Jun 2020 22:24

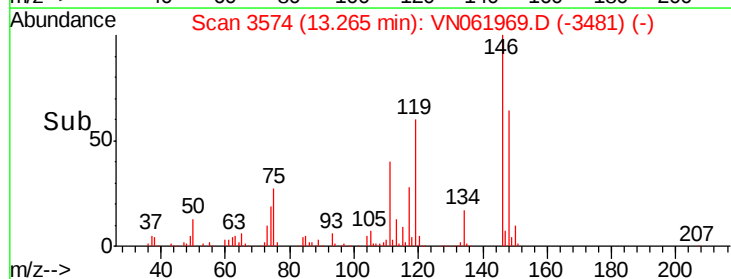
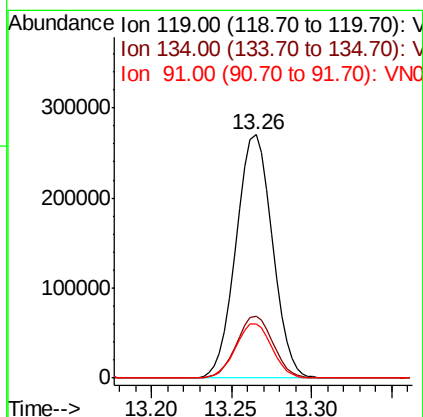
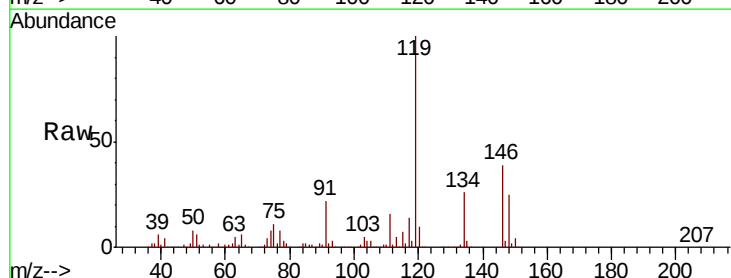
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

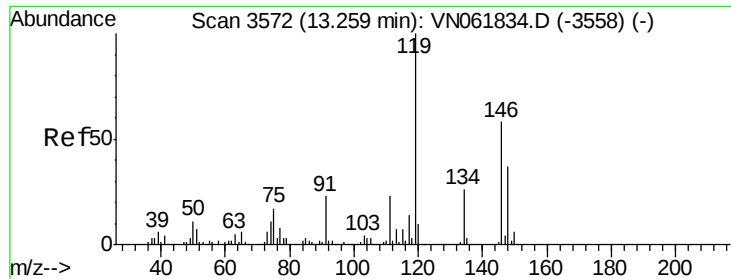
Tot Ion:105 Resp: 467963
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 54.652 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. 0.00 min
 Lab File: VN061969.D
 Acq: 19 Jun 2020 22:24

Tgt Ion:119 Resp: 416682
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.3 39.9
 91 22.6 11.2 33.6





#87

1,3-Dichlorobenzene

Concen: 50.616 ug/l

RT: 13.26 min Scan# 3572

Delta R.T. 0.00 min

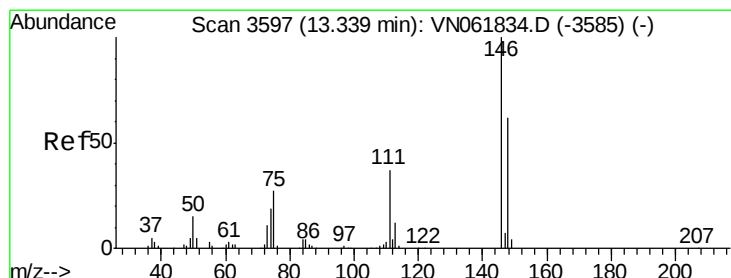
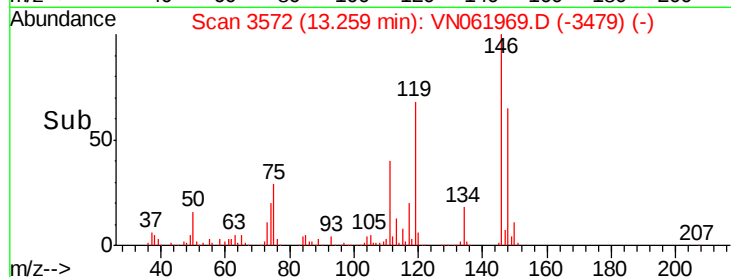
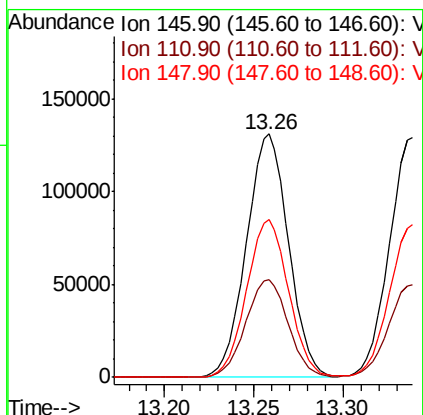
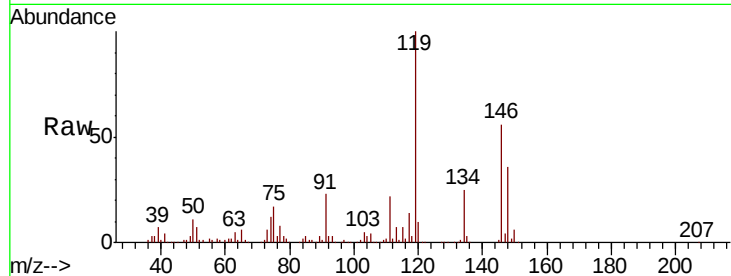
Lab File: VN061969.D

Acq: 19 Jun 2020 22:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:146 Resp: 217070

Ion	Ratio	Lower	Upper
146	100		
111	40.3	19.6	58.8
148	64.3	31.8	95.4



#88

1,4-Dichlorobenzene

Concen: 48.942 ug/l

RT: 13.34 min Scan# 3597

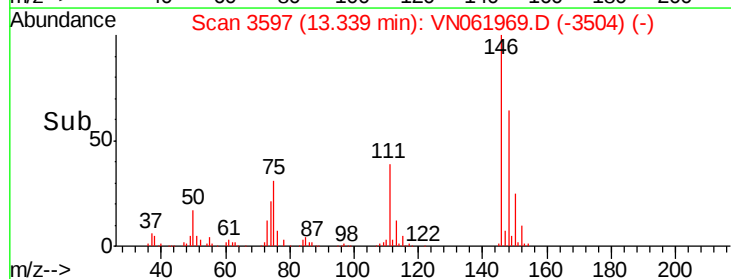
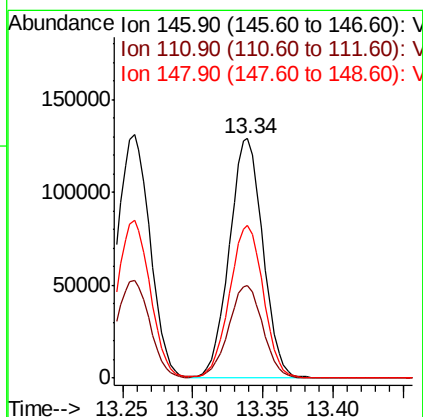
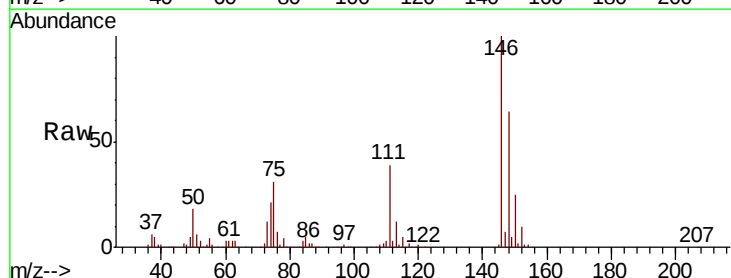
Delta R.T. 0.00 min

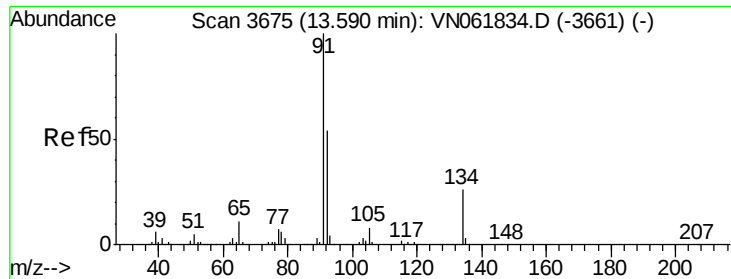
Lab File: VN061969.D

Acq: 19 Jun 2020 22:24

Tgt Ion:146 Resp: 214846

Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.3	57.8
148	64.5	31.6	94.7

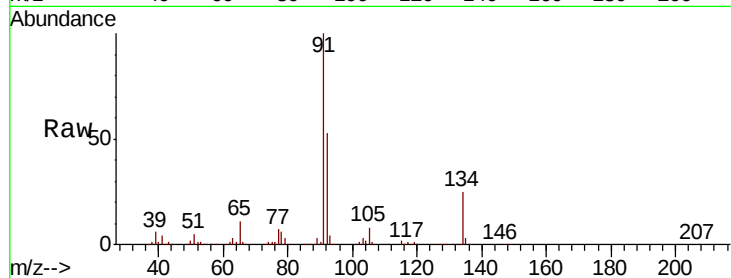




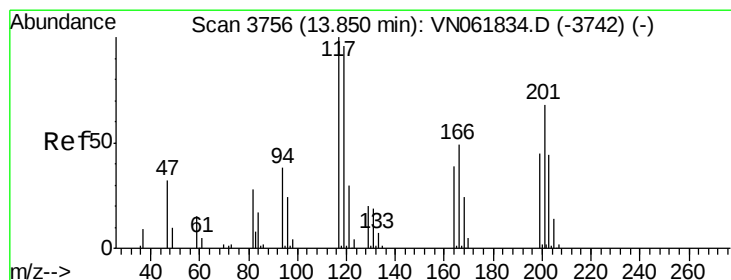
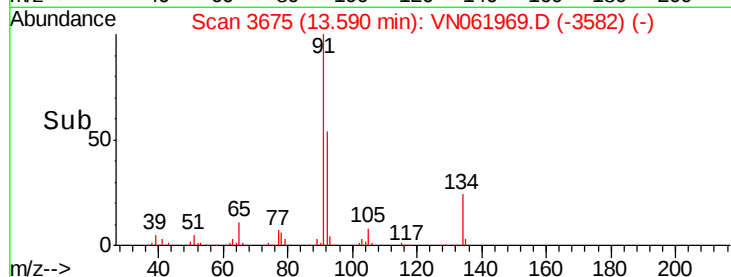
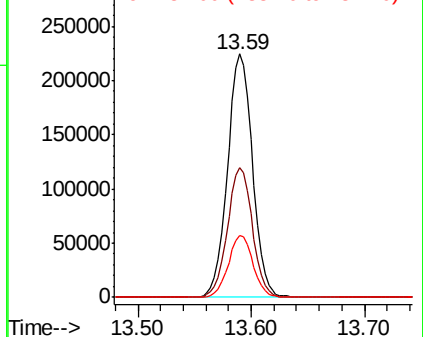
#89
n-Butylbenzene
Concen: 54.093 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. 0.00 min
Lab File: VN061969.D
Acq: 19 Jun 2020 22:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 344430
Ion Ratio Lower Upper
91 100
92 53.2 27.0 80.8
134 25.2 13.0 39.0

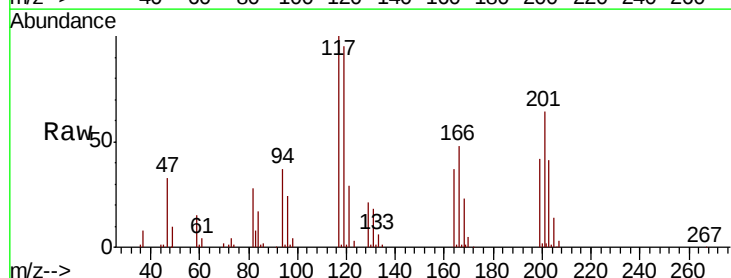


Abundance Ion 91.00 (90.70 to 91.70): VN061834.D (-3661) (-)
Ion 92.00 (91.70 to 92.70): VN061834.D (-3661) (-)
Ion 134.00 (133.70 to 134.70): VN061834.D (-3661) (-)

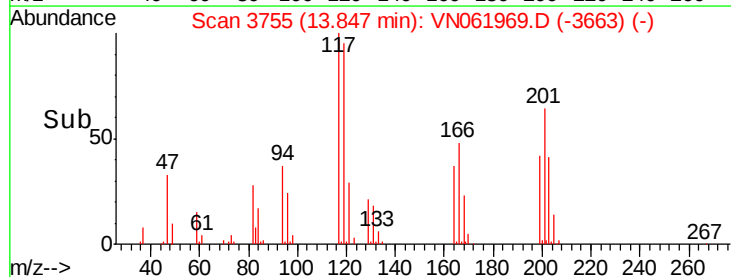
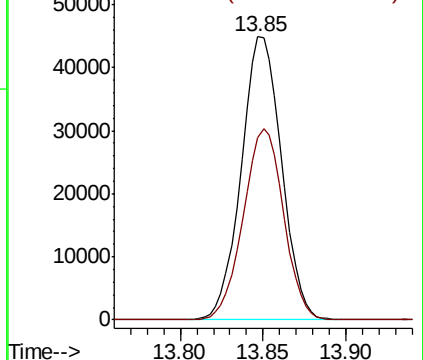


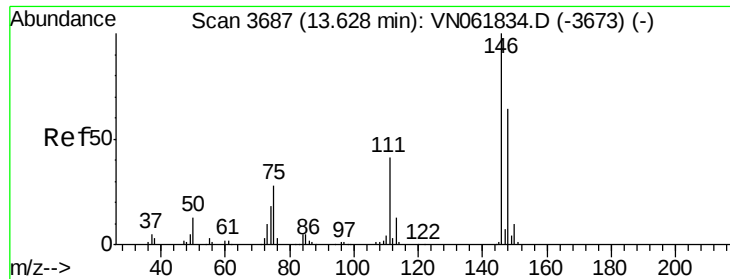
#90
Hexachloroethane
Concen: 54.306 ug/l
RT: 13.85 min Scan# 3755
Delta R.T. -0.00 min
Lab File: VN061969.D
Acq: 19 Jun 2020 22:24

Tgt Ion: 117 Resp: 75791
Ion Ratio Lower Upper
117 100
201 67.5 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) (-)

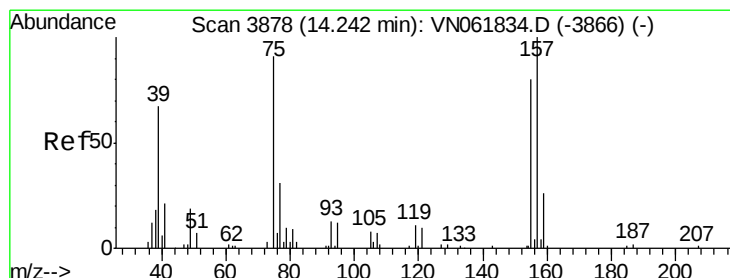
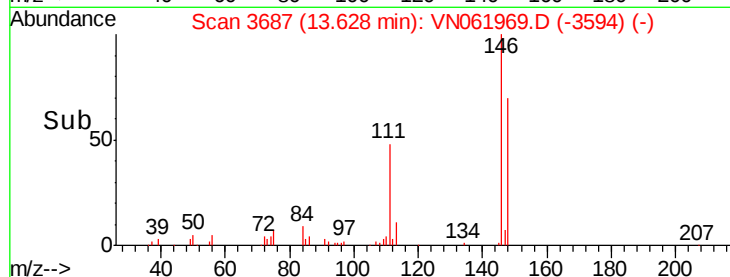
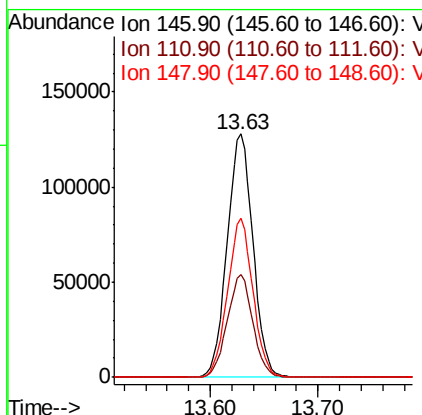
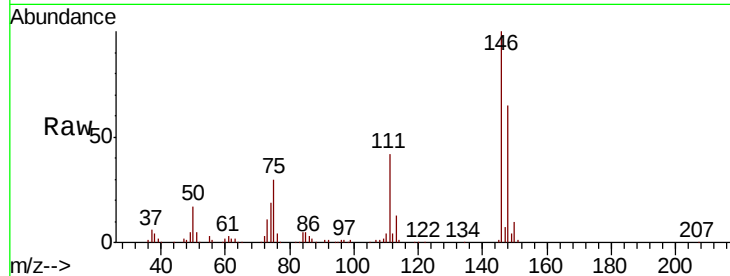




#91
 1,2-Dichlorobenzene
 Concen: 51.778 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN061969.D
 Acq: 19 Jun 2020 22:24

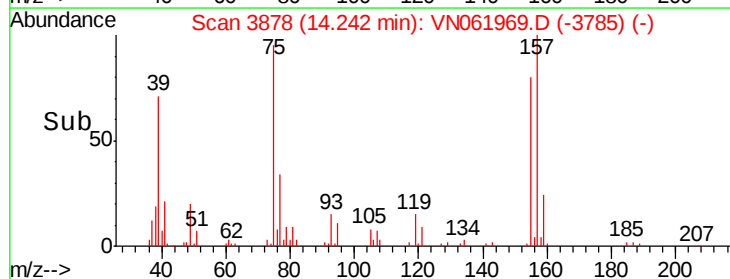
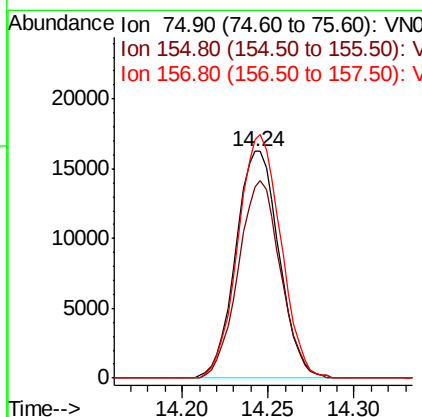
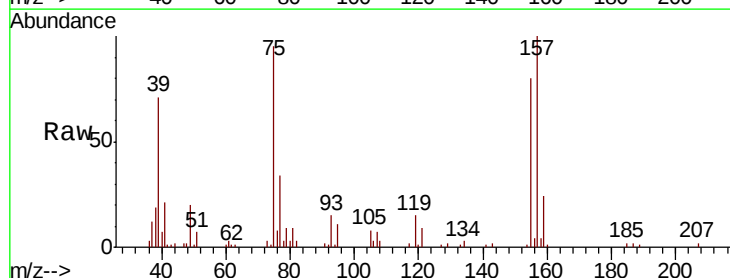
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

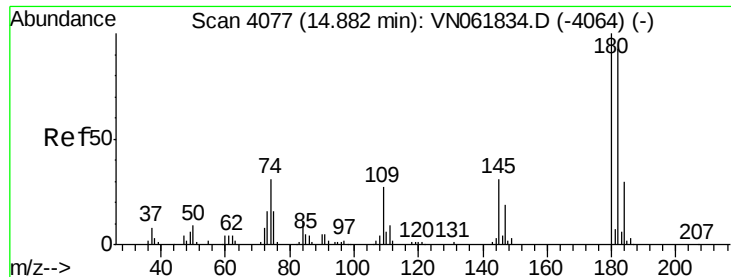
Tot Ion:146 Resp: 213769
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.4 61.2
 148 63.9 31.8 95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 57.863 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. 0.00 min
 Lab File: VN061969.D
 Acq: 19 Jun 2020 22:24

Tgt Ion: 75 Resp: 28465
 Ion Ratio Lower Upper
 75 100
 155 84.7 44.4 133.2
 157 106.4 57.0 171.2

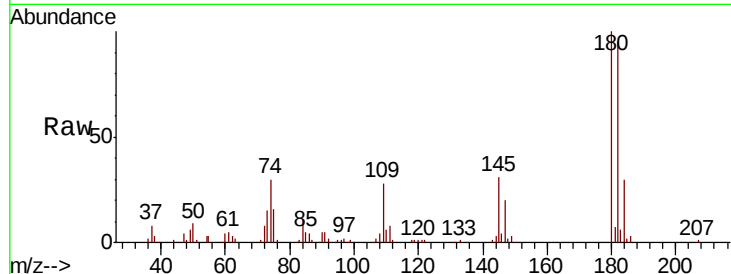




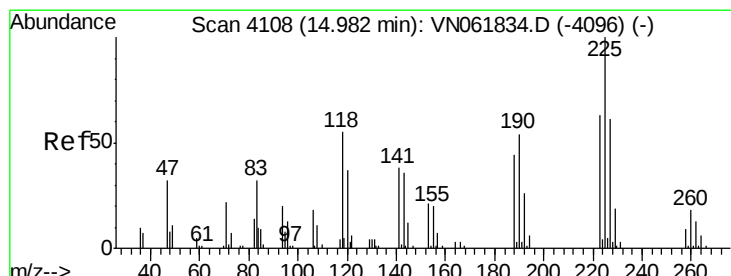
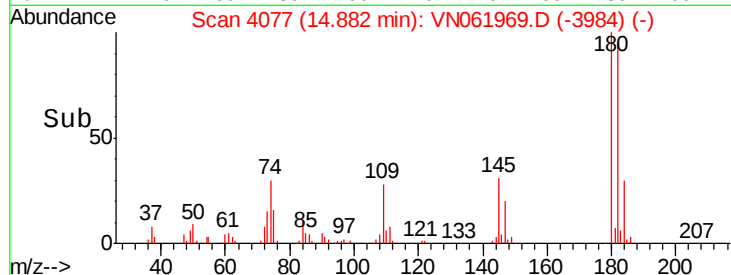
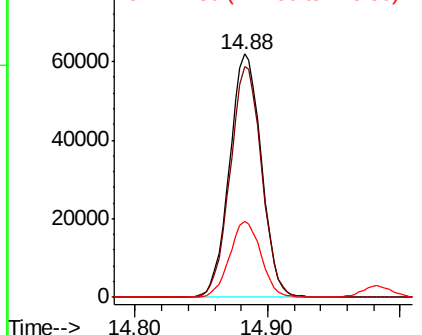
#93
 1,2,4-Trichlorobenzene
 Concen: 52.918 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN061969.D
 Acq: 19 Jun 2020 22:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:180 Resp: 103095
 Ion Ratio Lower Upper
 180 100
 182 94.0 47.0 141.2
 145 30.7 15.8 47.3

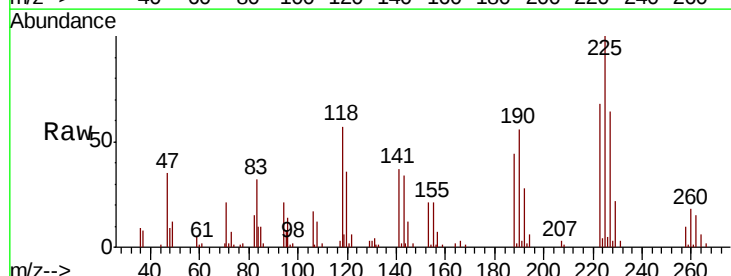


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

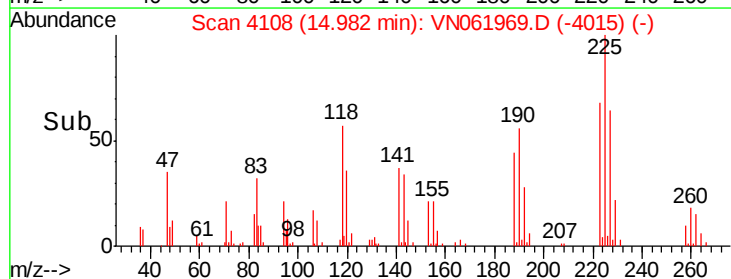
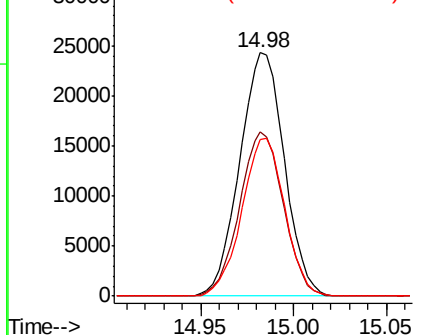


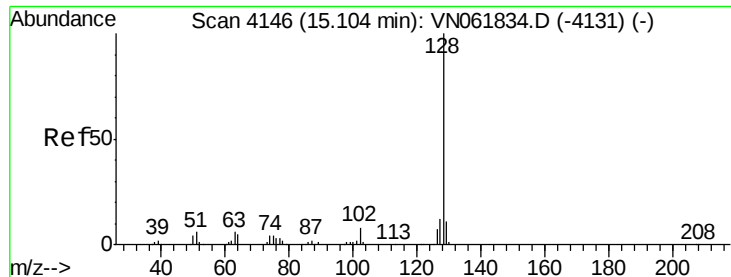
#94
 Hexachlorobutadiene
 Concen: 53.082 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. 0.00 min
 Lab File: VN061969.D
 Acq: 19 Jun 2020 22:24

Tgt Ion:225 Resp: 40730
 Ion Ratio Lower Upper
 225 100
 223 66.1 31.7 95.1
 227 62.4 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

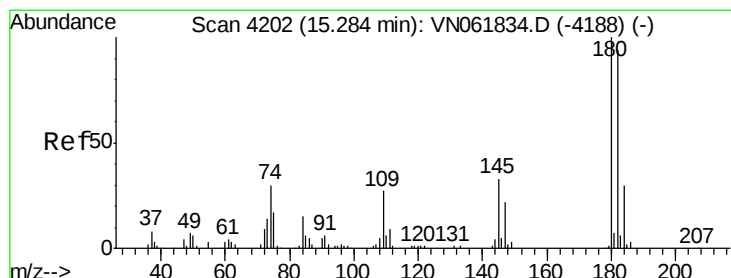
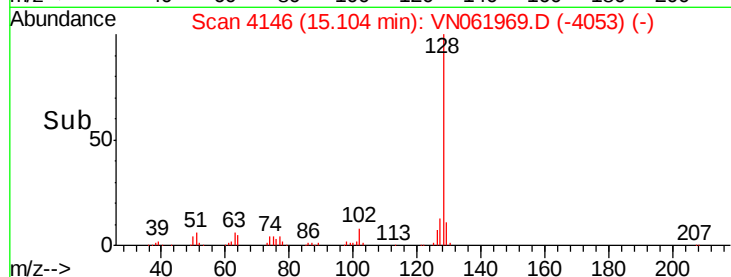
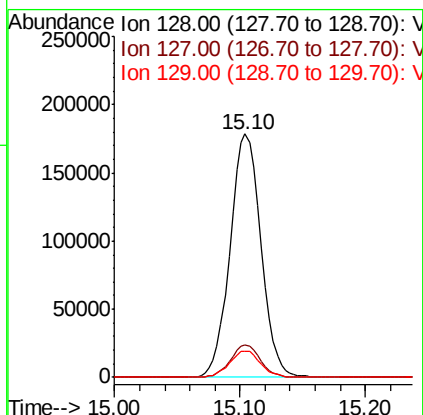
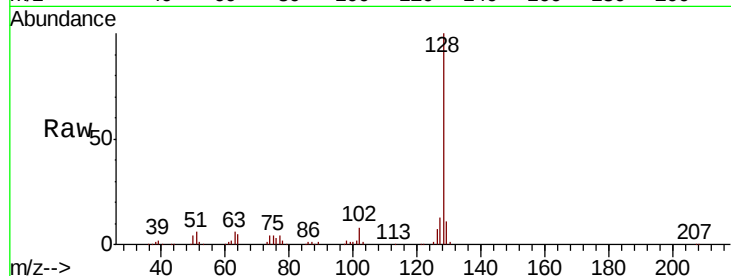




#95
Naphthalene
Concen: 47.118 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN061969.D
Acq: 19 Jun 2020 22:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	10.8	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 53.466 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. 0.00 min
Lab File: VN061969.D
Acq: 19 Jun 2020 22:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	47.9	143.6
145	32.5	16.5	49.5

