

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061220\
 Data File : VN061779.D
 Acq On : 12 Jun 2020 9:59
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 13 05:07:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	324189	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	486091	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	473363	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	248167	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.98	65	175655	45.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.96%	
35) Dibromofluoromethane	7.54	113	136141	55.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.42%	
50) Toluene-d8	10.06	98	612514	53.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.20%	
62) 4-Bromofluorobenzene	12.37	95	223769	53.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.34%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	176230	47.149	ug/l	96
3) Chloromethane	2.03	50	169006	42.742	ug/l	97
4) Vinyl Chloride	2.16	62	230095	42.465	ug/l	98
5) Bromomethane	2.52	94	155316	49.953	ug/l	97
6) Chloroethane	2.66	64	158945	45.573	ug/l	99
7) Trichlorofluoromethane	2.98	101	341449	48.867	ug/l	99
8) Diethyl Ether	3.37	74	105598	49.423	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.71	101	163942	52.873	ug/l	96
10) Methyl Iodide	3.91	142	221503	51.461	ug/l	98
11) Tert butyl alcohol	4.73	59	130727	254.452	ug/l	99
12) 1,1-Dichloroethene	3.69	96	155678	46.995	ug/l	92
13) Acrolein	3.56	56	31153	203.639	ug/l	99
14) Allyl chloride	4.27	41	188577	43.543	ug/l	97
15) Acrylonitrile	4.92	53	347928	242.627	ug/l	99
16) Acetone	3.77	43	289266	272.291	ug/l	100
17) Carbon Disulfide	4.01	76	294735	40.440	ug/l	99
18) Methyl Acetate	4.27	43	169223	48.397	ug/l	95
19) Methyl tert-butyl Ether	4.99	73	539899	47.821	ug/l	99
20) Methylene Chloride	4.50	84	183759	52.427	ug/l	95
21) trans-1,2-Dichloroethene	4.98	96	178393	47.752	ug/l	93
22) Diisopropyl ether	5.90	45	457598	47.940	ug/l	98
23) Vinyl Acetate	5.84	43	1685928	221.607	ug/l	96
24) 1,1-Dichloroethane	5.79	63	292720	48.361	ug/l	99
25) 2-Butanone	6.78	43	412188	225.171	ug/l	96
26) 2,2-Dichloropropane	6.77	77	269908	48.721	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	213713	50.520	ug/l	97
28) Bromochloromethane	7.15	49	107177	47.086	ug/l	92
29) Tetrahydrofuran	7.16	42	269680	223.412	ug/l	96
30) Chloroform	7.32	83	338207	50.506	ug/l	99
31) Cyclohexane	7.61	56	234026	42.991	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	295123	48.368	ug/l	99
36) 1,1-Dichloropropene	7.75	75	233250	54.204	ug/l	99
37) Ethyl Acetate	6.88	43	175412	50.611	ug/l	97
38) Carbon Tetrachloride	7.73	117	246000	59.267	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	274631	51.779	ug/l	97
40) Benzene	8.00	78	732933	55.202	ug/l	99
41) Methacrylonitrile	7.12	41	80843	50.910	ug/l #	71
42) 1,2-Dichloroethane	8.08	62	237633	53.460	ug/l	99
43) Isopropyl Acetate	8.12	43	305247	48.953	ug/l	92
44) Trichloroethene	8.80	130	230334	56.449	ug/l	95
45) 1,2-Dichloropropane	9.08	63	178408	56.588	ug/l	97
46) Dibromomethane	9.17	93	134512	55.630	ug/l	94
47) Bromodichloromethane	9.37	83	279810	58.408	ug/l	100
48) Methyl methacrylate	9.17	41	133386	47.545	ug/l	95
49) 1,4-Dioxane	9.16	88	65871	1515.611	ug/l	94
51) 4-Methyl-2-Pentanone	9.95	43	901267	256.486	ug/l	98
52) Toluene	10.12	92	493637	56.963	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	293382	56.849	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	316865	57.104	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	200202	57.987	ug/l	97
56) Ethyl methacrylate	10.40	69	267649	55.496	ug/l	97
57) 1,3-Dichloropropane	10.68	76	318817	57.737	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	488885	237.204	ug/l	98
59) 2-Hexanone	10.72	43	641247	254.101	ug/l	96
60) Dibromochloromethane	10.87	129	237384	60.479	ug/l	99
61) 1,2-Dibromoethane	10.98	107	208127	57.800	ug/l	99
64) Tetrachloroethene	10.60	164	247940	55.644	ug/l	97
65) Chlorobenzene	11.40	112	549311	55.827	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	212981	58.132	ug/l	99
67) Ethyl Benzene	11.48	91	948518	55.774	ug/l	99
68) m/p-Xylenes	11.59	106	744741	110.444	ug/l	100
69) o-Xylene	11.92	106	356560	55.672	ug/l	100
70) Styrene	11.94	104	617691	58.238	ug/l	98
71) Bromoform	12.10	173	170066	60.240	ug/l #	99
73) Isopropylbenzene	12.22	105	948819	52.384	ug/l	99
74) N-amyl acetate	12.04	43	266718	46.758	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.48	83	255308	50.299	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	331645	73.493	ug/l #	100
77) Bromobenzene	12.50	156	255568	55.276	ug/l	96
78) n-propylbenzene	12.56	91	1069899	52.911	ug/l	100
79) 2-Chlorotoluene	12.65	91	620520	51.464	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	798509	52.745	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	87424	49.542	ug/l	98
82) 4-Chlorotoluene	12.75	91	656227	51.735	ug/l	98
83) tert-Butylbenzene	12.97	119	683404	51.092	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	794269	52.811	ug/l	97
85) sec-Butylbenzene	13.15	105	896078	51.988	ug/l	99
86) p-Isopropyltoluene	13.26	119	841911	53.040	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	455999	55.696	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	453125	54.328	ug/l	99
89) n-Butylbenzene	13.59	91	694649	52.248	ug/l	99
90) Hexachloroethane	13.85	117	120090	68.411	ug/l	90
91) 1,2-Dichlorobenzene	13.63	146	432002	55.214	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	44668	43.150	ug/l	90

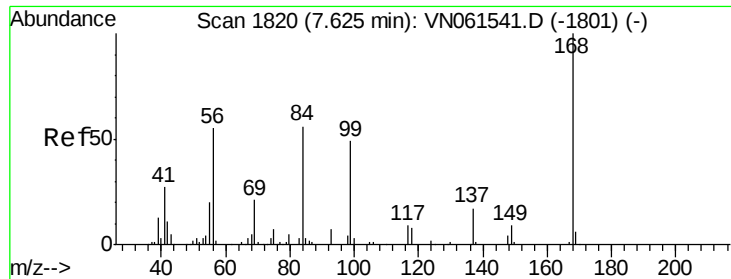
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Quant Title : SW846 8260
QLast Update : Fri May 29 02:14:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	266284	58.193	ug/l	98
94) Hexachlorobutadiene	14.99	225	113894	58.360	ug/l	99
95) Naphthalene	15.10	128	715364	51.362	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	258079	57.363	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN061779.D

Acq: 12 Jun 2020 9:59

Instrument :

MSVOA_N

ClientSampleId :

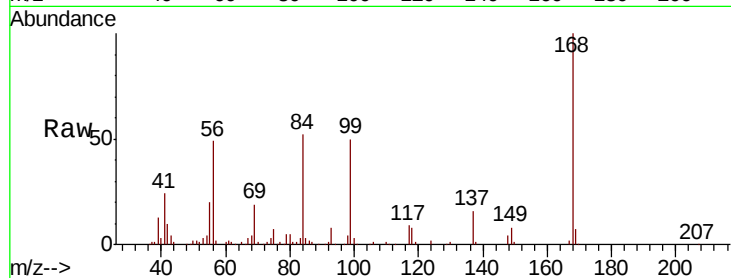
VSTDCCC050

Tot Ion:168 Resp: 324189

Ion Ratio Lower Upper

168 100

99 50.1 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.62

150000

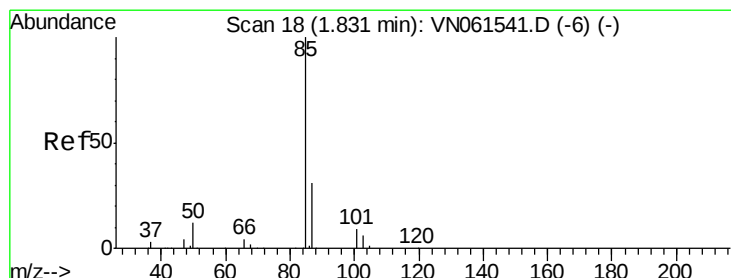
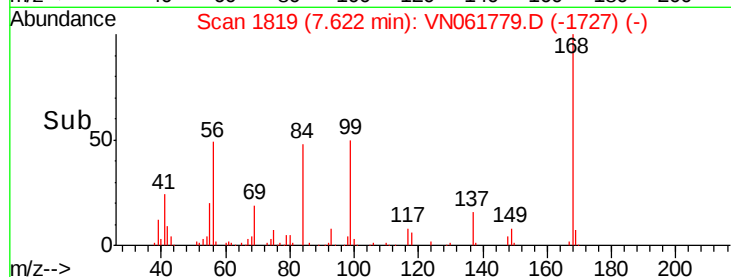
100000

50000

0

7.50 7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 47.149 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061779.D

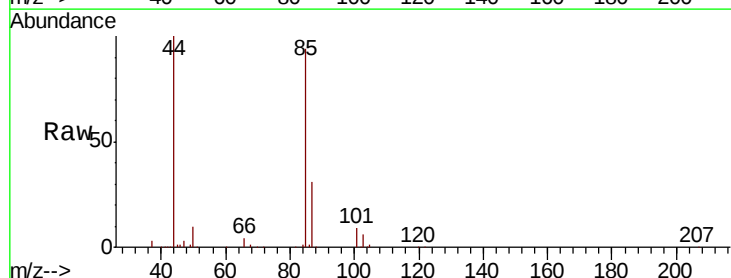
Acq: 12 Jun 2020 9:59

Tgt Ion: 85 Resp: 176230

Ion Ratio Lower Upper

85 100

87 33.2 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

150000

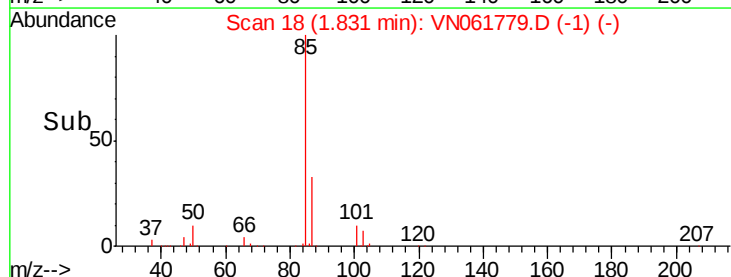
100000

50000

0

1.75 1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 42.742 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN061779.D

Acq: 12 Jun 2020 9:59

Instrument :

MSVOA_N

ClientSampleId :

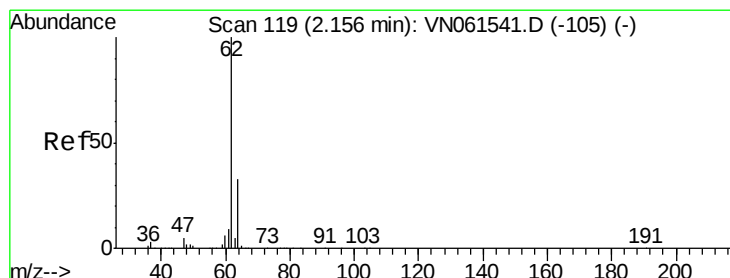
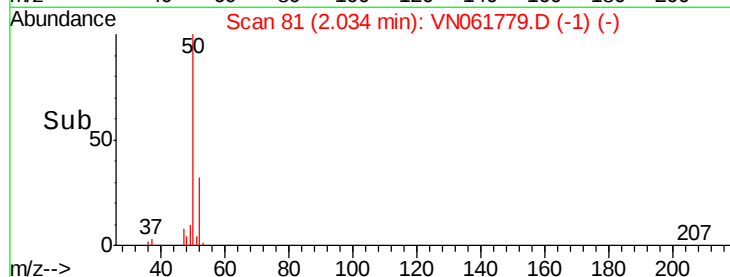
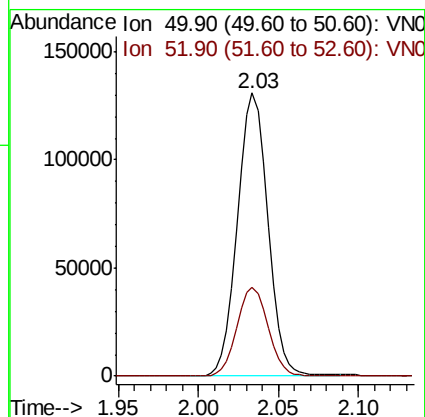
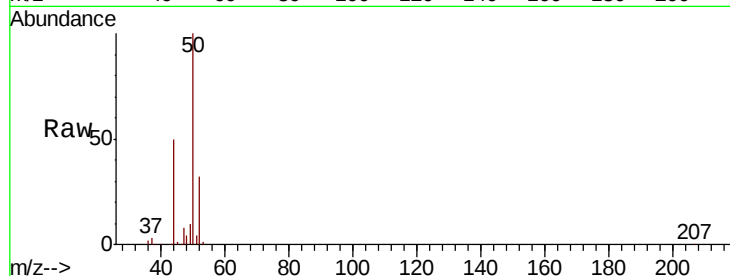
VSTDCCC050

Tot Ion: 50 Resp: 169006

Ion Ratio Lower Upper

50 100

52 31.5 26.7 40.1



#4

Vinyl Chloride

Concen: 42.465 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN061779.D

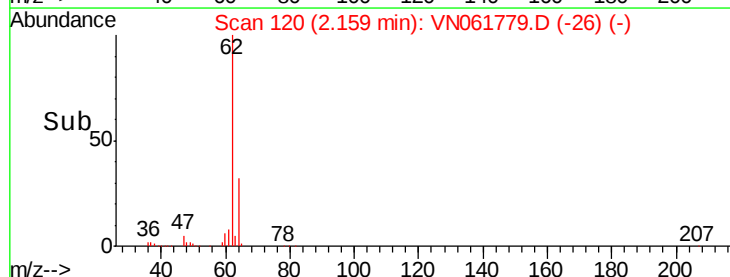
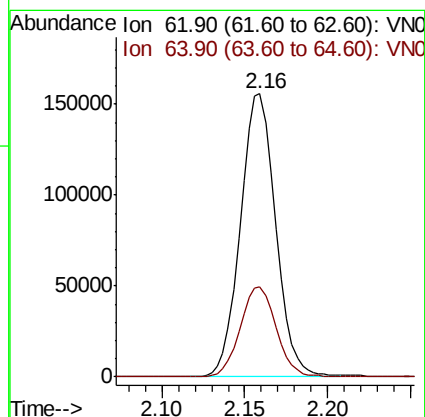
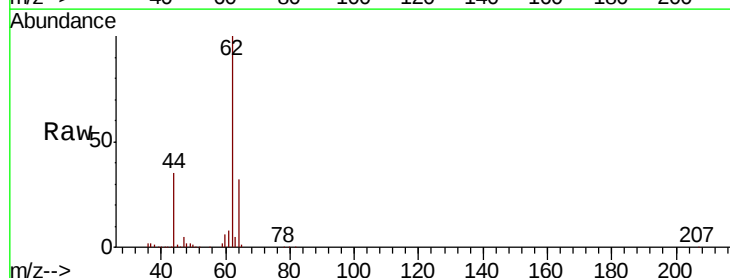
Acq: 12 Jun 2020 9:59

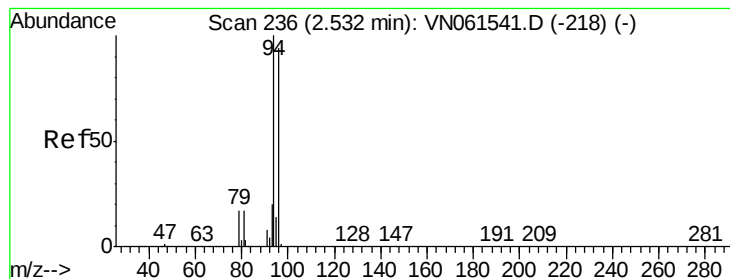
Tgt Ion: 62 Resp: 230095

Ion Ratio Lower Upper

62 100

64 31.8 26.2 39.2





#5

Bromomethane

Concen: 49.953 ug/l

RT: 2.52 min Scan# 231

Delta R.T. -0.02 min

Lab File: VN061779.D

Acq: 12 Jun 2020 9:59

Instrument :

MSVOA_N

ClientSampleId :

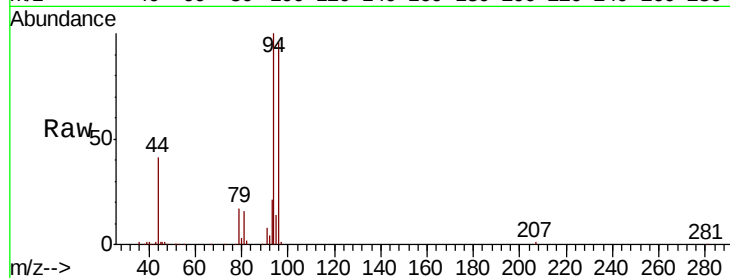
VSTDCCC050

Tot Ion: 94 Resp: 155316

Ion Ratio Lower Upper

94 100

96 96.0 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VN061541.D (-218) (-)

Ion 95.90 (95.60 to 96.60): VN061541.D (-218) (-)

2.52

80000

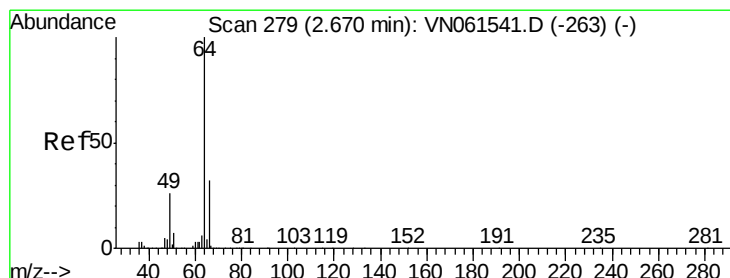
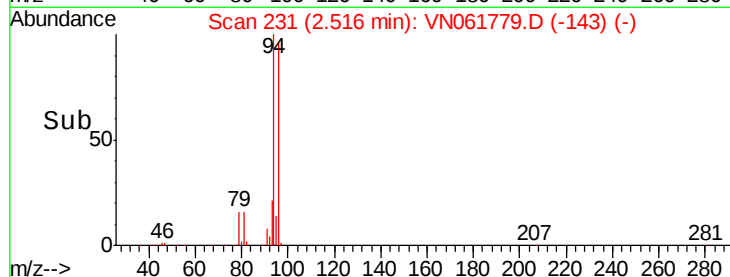
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 45.573 ug/l

RT: 2.66 min Scan# 277

Delta R.T. -0.01 min

Lab File: VN061779.D

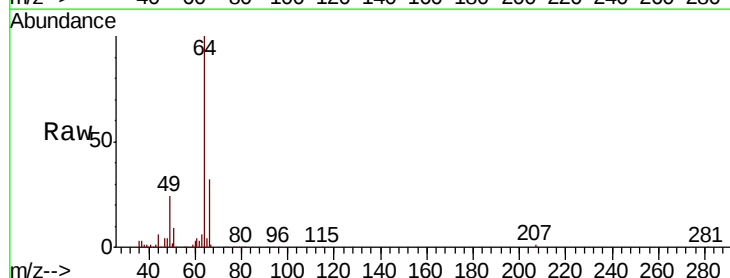
Acq: 12 Jun 2020 9:59

Tgt Ion: 64 Resp: 158945

Ion Ratio Lower Upper

64 100

66 32.5 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN061541.D (-263) (-)

Ion 65.90 (65.60 to 66.60): VN061541.D (-263) (-)

2.66

80000

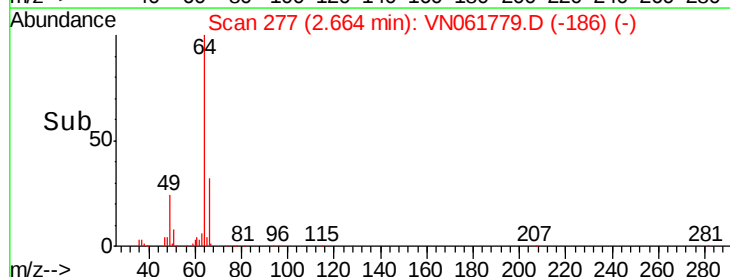
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40000

20000

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Time-->



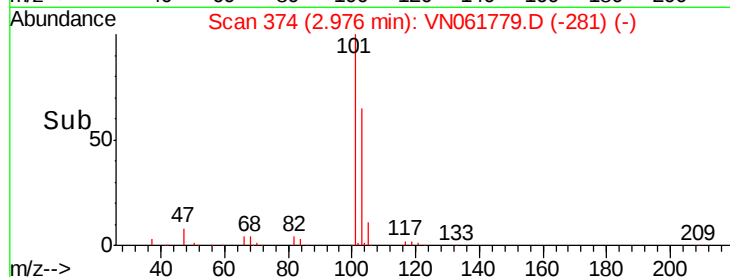
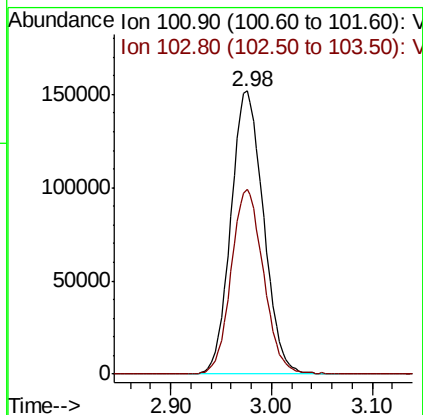
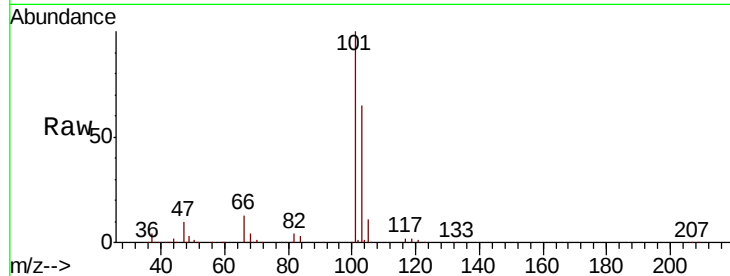


#7

Trichlorofluoromethane
 Concen: 48.867 ug/l
 RT: 2.98 min Scan# 374
 Delta R.T. 0.00 min
 Lab File: VN061779.D
 Acq: 12 Jun 2020 9:59

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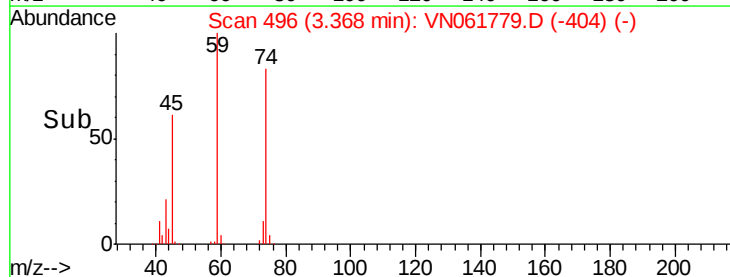
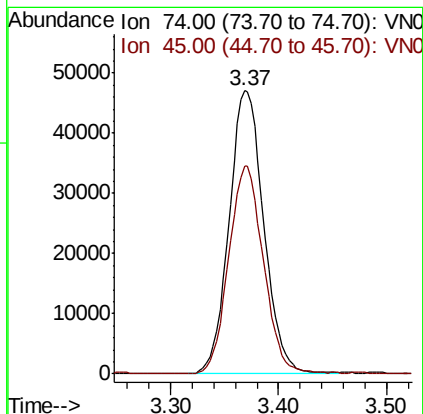
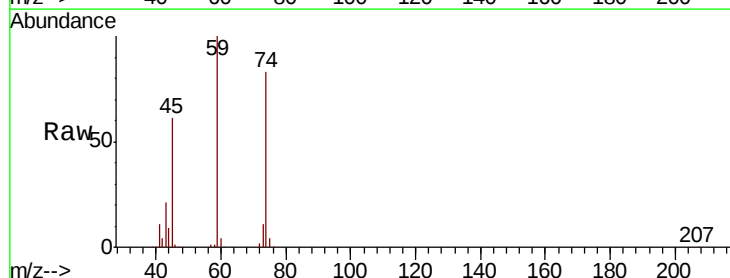
Tot Ion:101 Resp: 341449
 Ion Ratio Lower Upper
 101 100
 103 65.3 51.4 77.2



#8

Diethyl Ether
 Concen: 49.423 ug/l
 RT: 3.37 min Scan# 496
 Delta R.T. -0.00 min
 Lab File: VN061779.D
 Acq: 12 Jun 2020 9:59

Tgt Ion: 74 Resp: 105598
 Ion Ratio Lower Upper
 74 100
 45 73.5 39.9 119.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.873 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.00 min

Lab File: VN061779.D

Acq: 12 Jun 2020 9:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

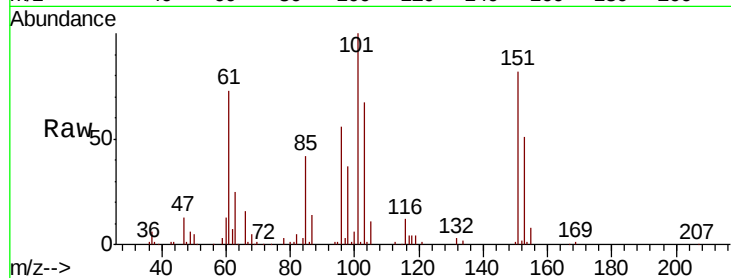
Tot Ion:101 Resp: 163942

Ion Ratio Lower Upper

101 100

85 42.2 35.2 52.8

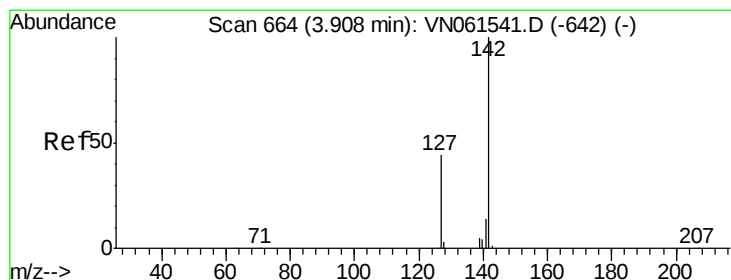
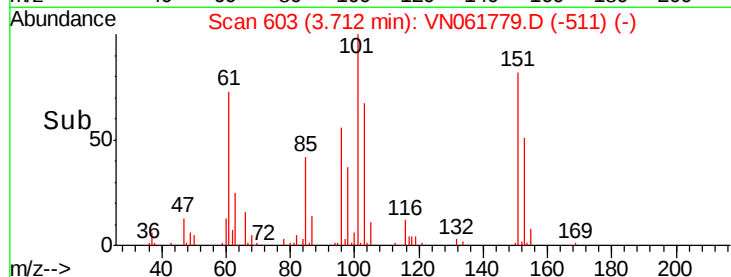
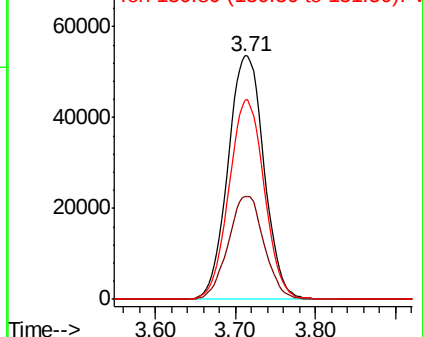
151 80.2 61.0 91.6



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: 51.461 ug/l

RT: 3.91 min Scan# 663

Delta R.T. -0.00 min

Lab File: VN061779.D

Acq: 12 Jun 2020 9:59

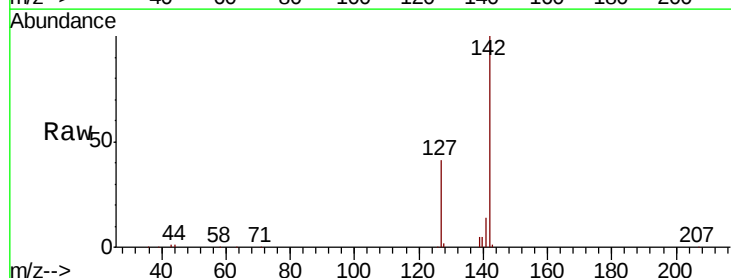
Tgt Ion:142 Resp: 221503

Ion Ratio Lower Upper

142 100

127 42.7 35.5 53.3

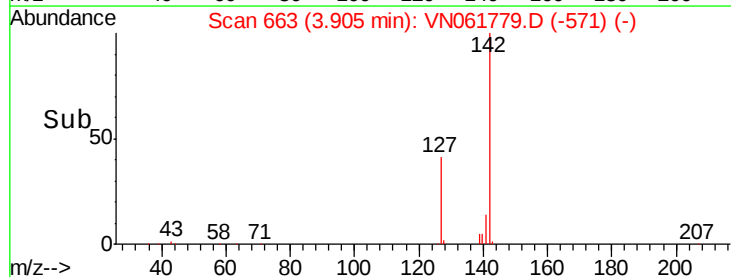
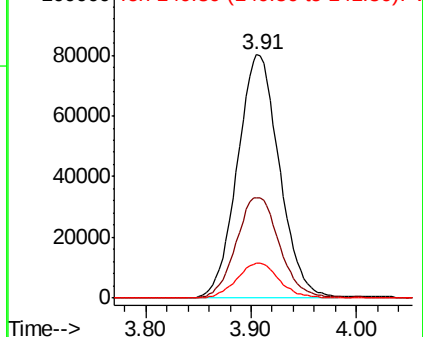
141 14.5 11.5 17.3

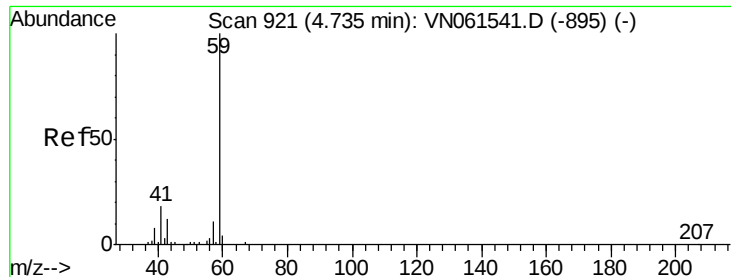


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

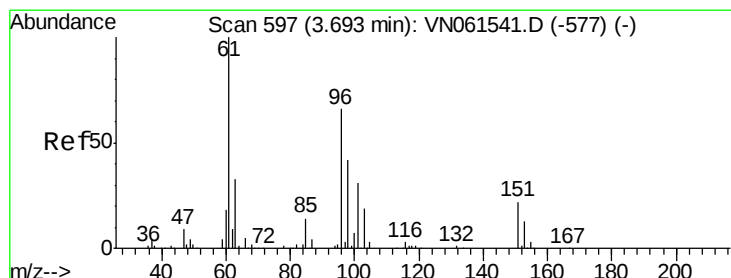
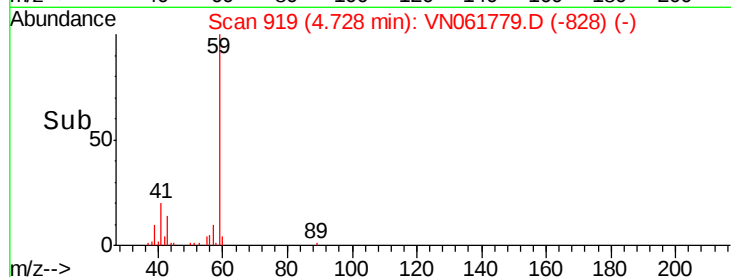
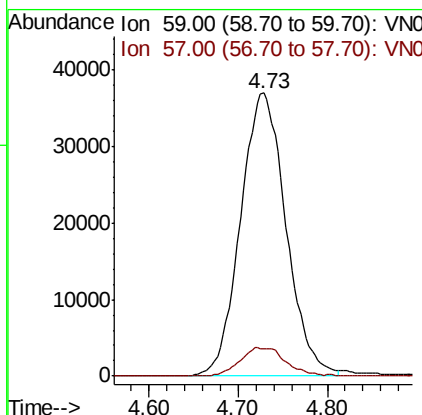
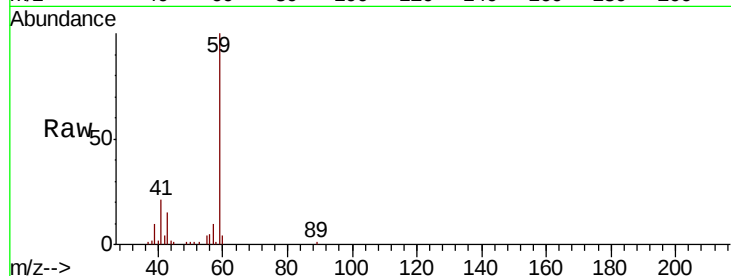




#11
Tert butyl alcohol
Concen: 254.452 ug/l
RT: 4.73 min Scan# 919
Delta R.T. -0.01 min
Lab File: VN061779.D
Acq: 12 Jun 2020 9:59

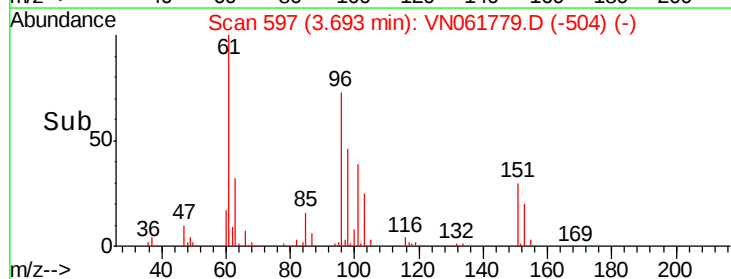
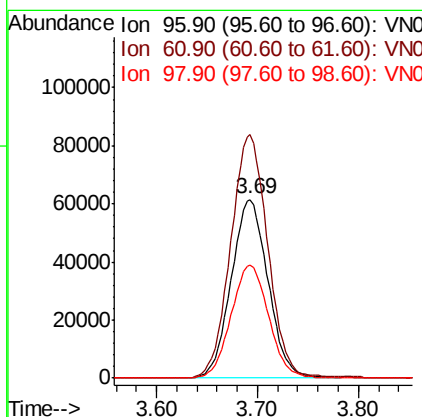
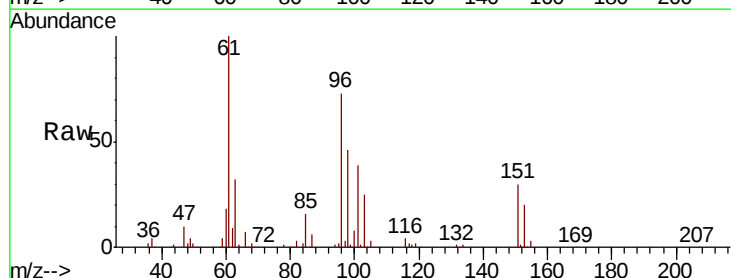
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 59 Resp: 130727
Ion Ratio Lower Upper
59 100
57 10.0 8.4 12.6



#12
1,1-Dichloroethene
Concen: 46.995 ug/l
RT: 3.69 min Scan# 597
Delta R.T. 0.00 min
Lab File: VN061779.D
Acq: 12 Jun 2020 9:59

Tgt Ion: 96 Resp: 155678
Ion Ratio Lower Upper
96 100
61 136.3 120.5 180.7
98 63.1 50.8 76.2





#13

Acrolein

Concen: 203.639 ug/l

RT: 3.56 min Scan# 557

Delta R.T. 0.00 min

Lab File: VN061779.D

Acq: 12 Jun 2020 9:59

Instrument :

MSVOA_N

ClientSampleId :

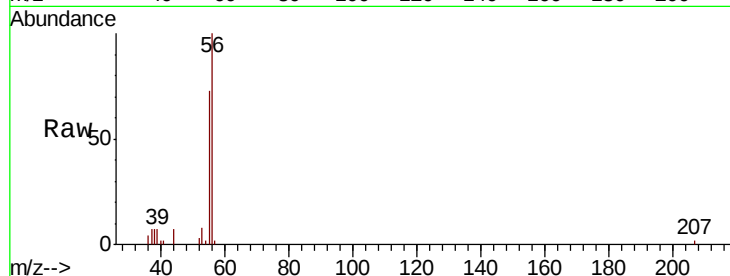
VSTDCCC050

Tot Ion: 56 Resp: 31153

Ion Ratio Lower Upper

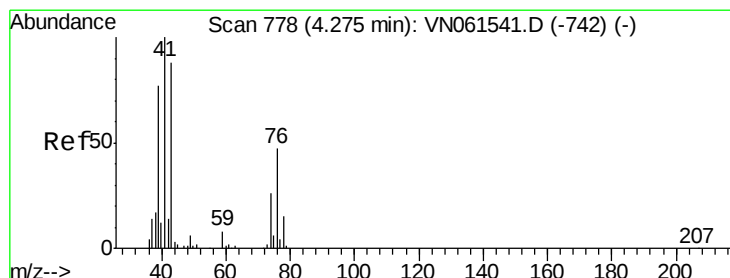
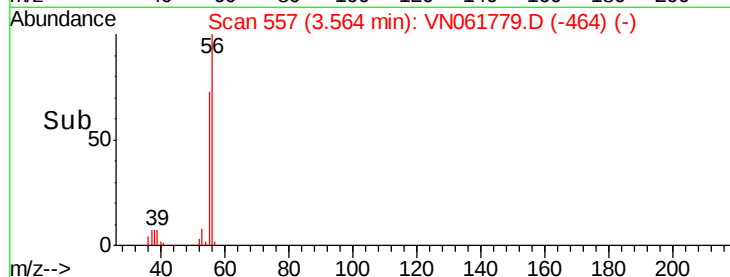
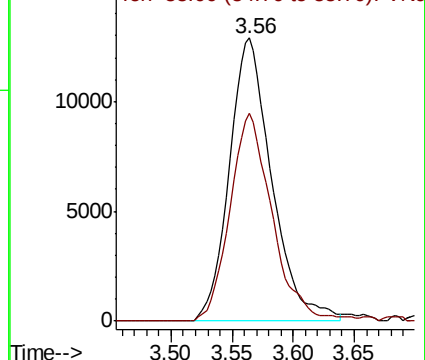
56 100

55 73.1 58.0 87.0



Abundance Ion 56.00 (55.70 to 56.70): VN061541.D (-540) (-)

Ion 55.00 (54.70 to 55.70): VN061541.D (-540) (-)



#14

Allyl chloride

Concen: 43.543 ug/l

RT: 4.27 min Scan# 776

Delta R.T. -0.01 min

Lab File: VN061779.D

Acq: 12 Jun 2020 9:59

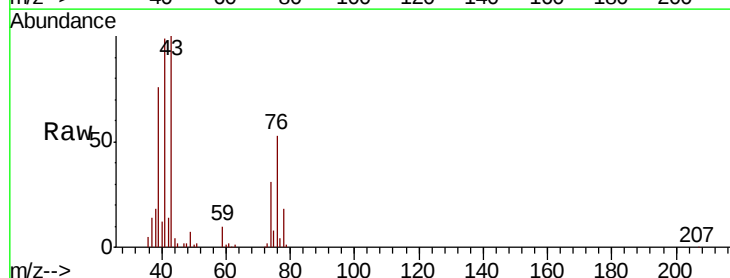
Tgt Ion: 41 Resp: 188577

Ion Ratio Lower Upper

41 100

39 72.2 58.6 88.0

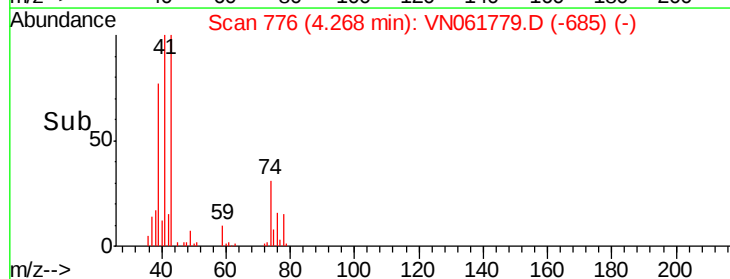
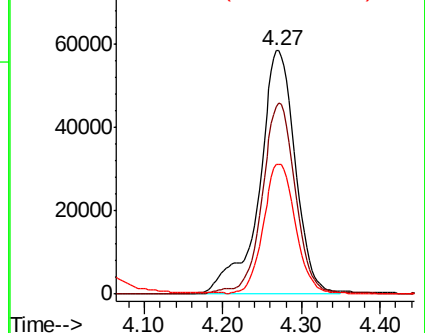
76 46.6 34.2 51.4



Abundance Ion 41.00 (40.70 to 41.70): VN061541.D (-742) (-)

Ion 39.00 (38.70 to 39.70): VN061541.D (-742) (-)

Ion 75.90 (75.60 to 76.60): VN061541.D (-742) (-)

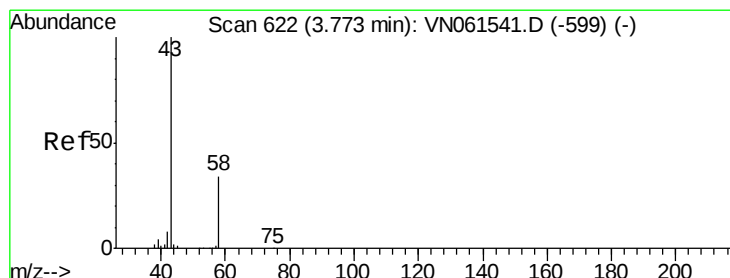
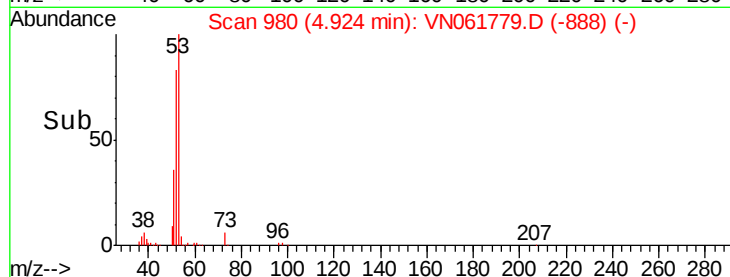
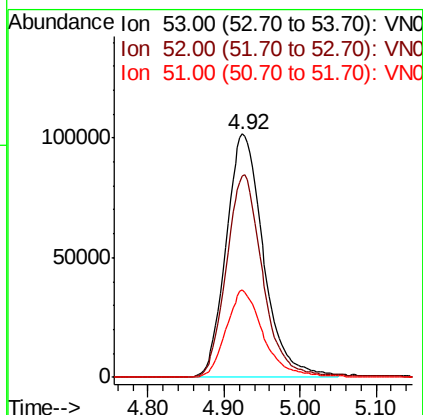
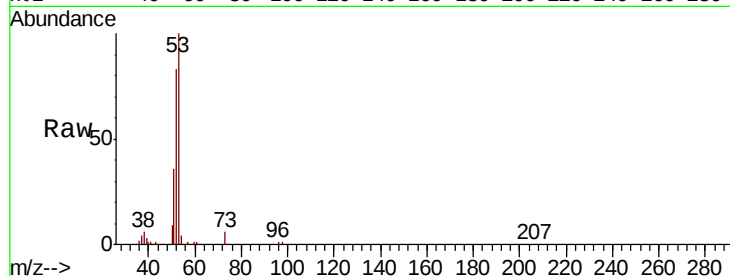




#15
 Acrylonitrile
 Concen: 242.627 ug/l
 RT: 4.92 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VN061779.D
 Acq: 12 Jun 2020 9:59

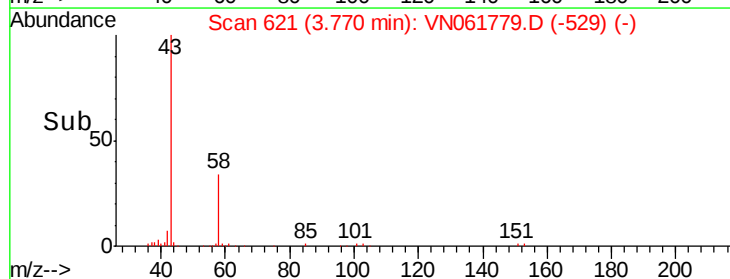
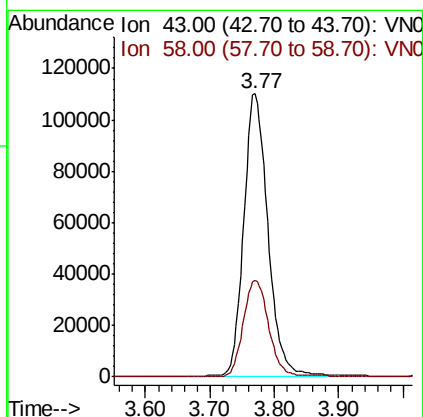
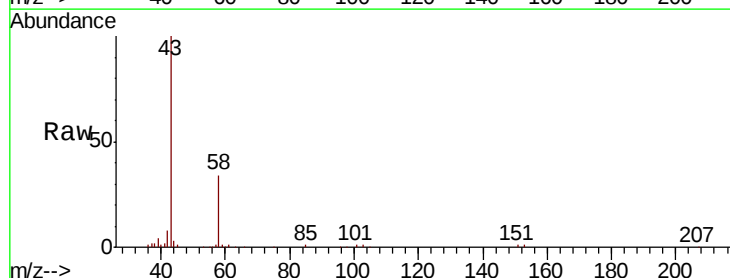
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

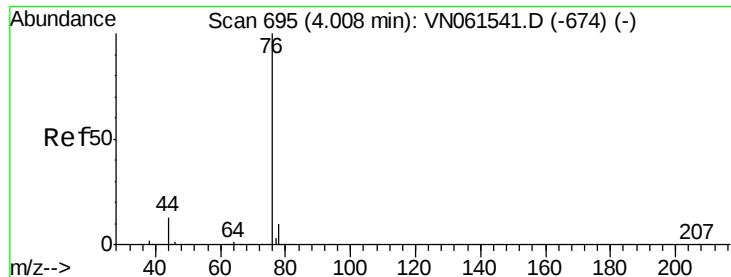
Tot Ion	53	Resp	347928
Ion Ratio	Lower	Upper	
53	100		
52	80.6	65.4	98.2
51	36.2	29.0	43.6



#16
 Acetone
 Concen: 272.291 ug/l
 RT: 3.77 min Scan# 621
 Delta R.T. -0.00 min
 Lab File: VN061779.D
 Acq: 12 Jun 2020 9:59

Tgt Ion	43	Resp	289266
Ion Ratio	Lower	Upper	
43	100		
58	34.3	27.2	40.8

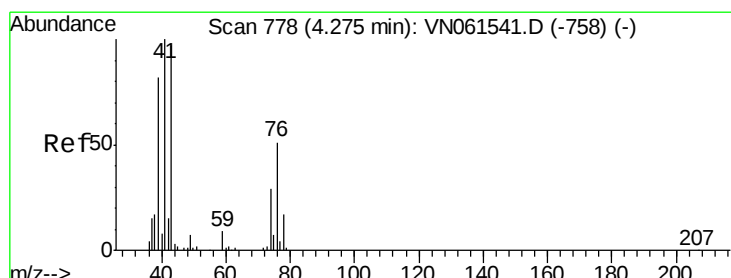
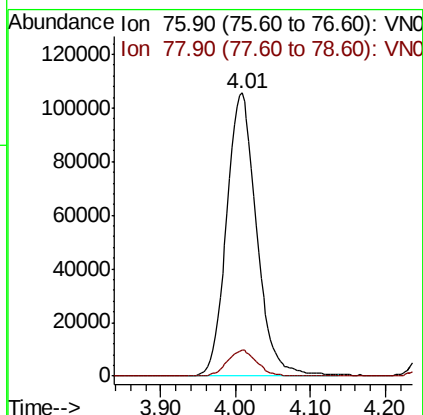
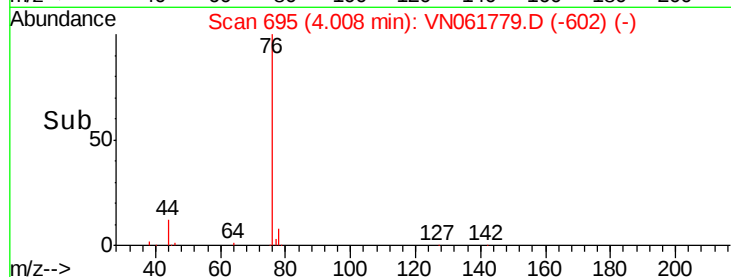
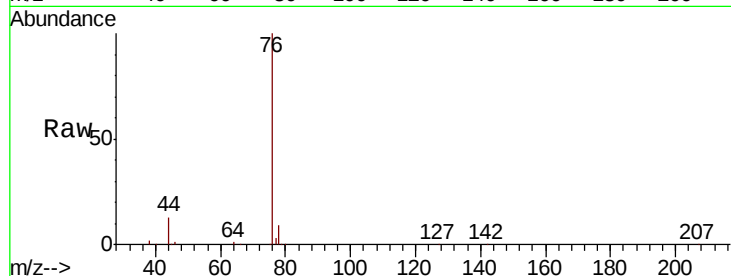




#17
Carbon Disulfide
Concen: 40.440 ug/l
RT: 4.01 min Scan# 695
Delta R.T. 0.00 min
Lab File: VN061779.D
Acq: 12 Jun 2020 9:59

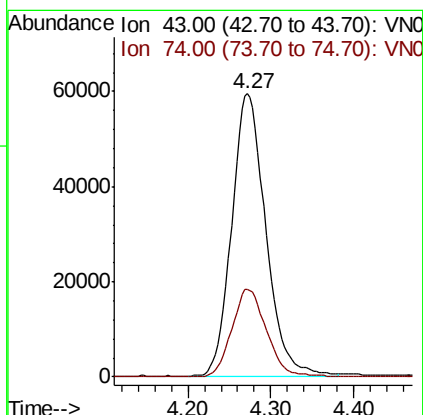
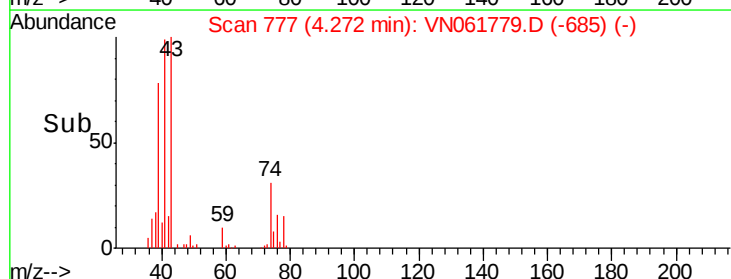
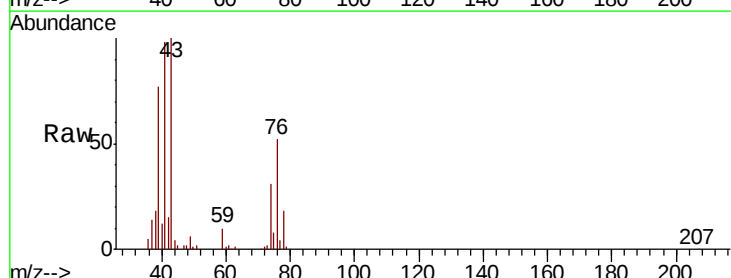
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

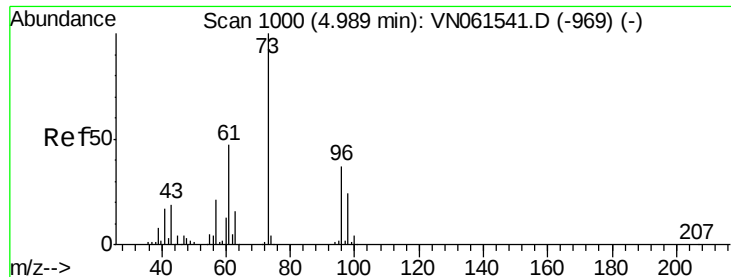
Tot Ion: 76 Resp: 294735
Ion Ratio Lower Upper
76 100
78 9.3 7.8 11.6



#18
Methyl Acetate
Concen: 48.397 ug/l
RT: 4.27 min Scan# 777
Delta R.T. -0.00 min
Lab File: VN061779.D
Acq: 12 Jun 2020 9:59

Tgt Ion: 43 Resp: 169223
Ion Ratio Lower Upper
43 100
74 31.8 23.2 34.8

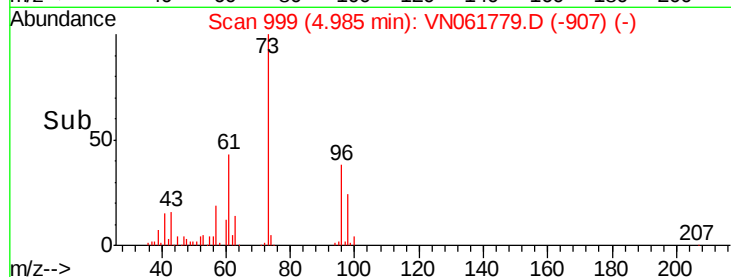
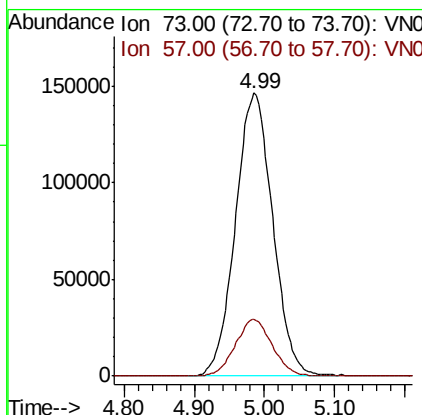
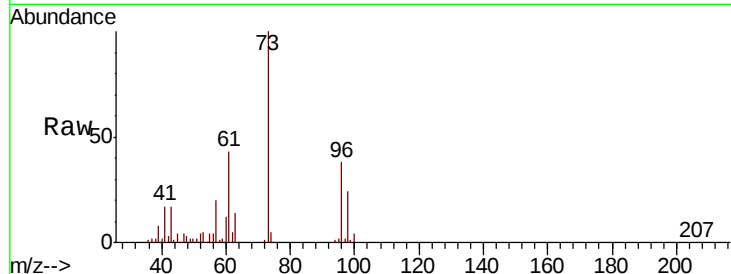




#19
Methvl tert-butvl Ether
Concen: 47.821 ug/l
RT: 4.99 min Scan# 999
Delta R.T. -0.00 min
Lab File: VN061779.D
Acq: 12 Jun 2020 9:59

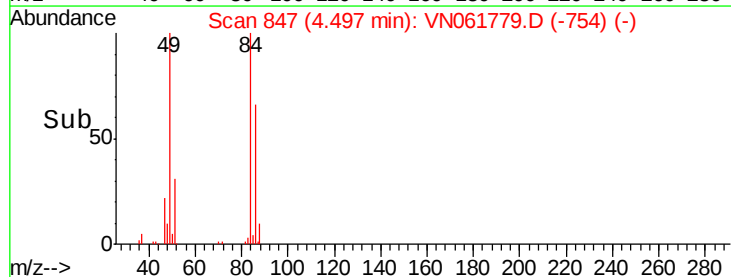
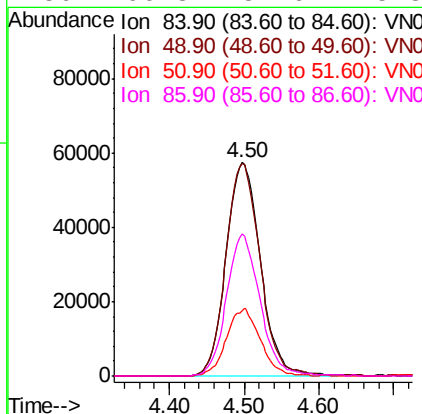
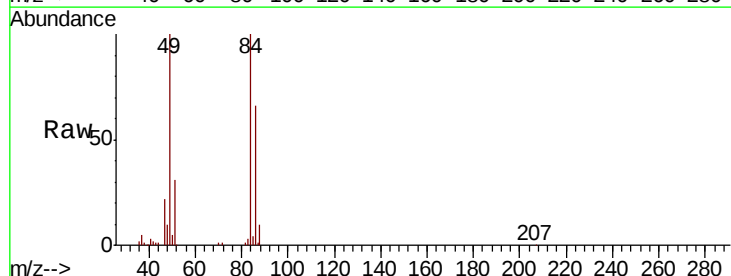
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

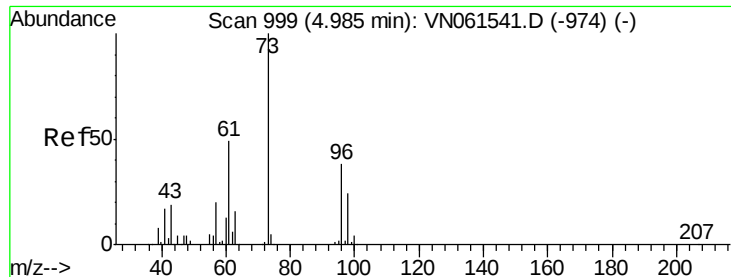
Tot Ion: 73 Resp: 539899
Ion Ratio Lower Upper
73 100
57 20.0 16.4 24.6



#20
Methylene Chloride
Concen: 52.427 ug/l
RT: 4.50 min Scan# 847
Delta R.T. -0.00 min
Lab File: VN061779.D
Acq: 12 Jun 2020 9:59

Tgt Ion: 84 Resp: 183759
Ion Ratio Lower Upper
84 100
49 99.5 85.8 128.8
51 30.5 26.2 39.2
86 66.3 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 47.752 ug/l

RT: 4.98 min Scan# 998

Delta R.T. -0.00 min

Lab File: VN061779.D

Acq: 12 Jun 2020 9:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

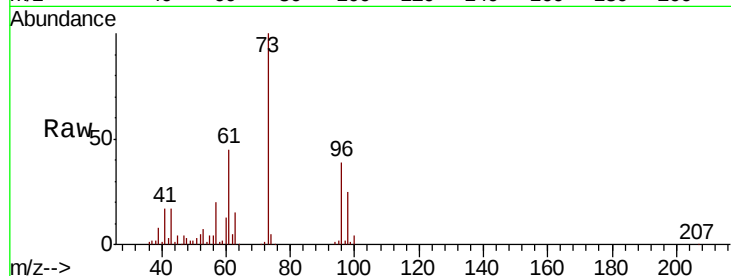
Tot Ion: 96 Resp: 178393

Ion Ratio Lower Upper

96 100

61 115.1 101.4 152.0

98 65.1 50.6 76.0

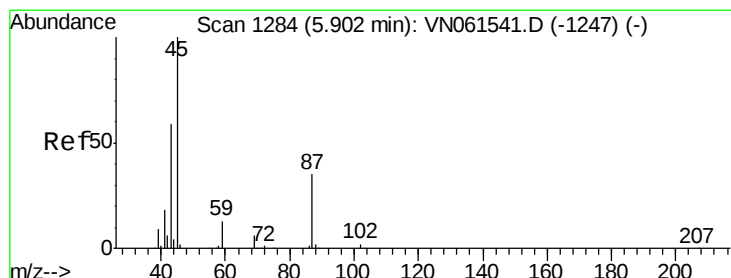
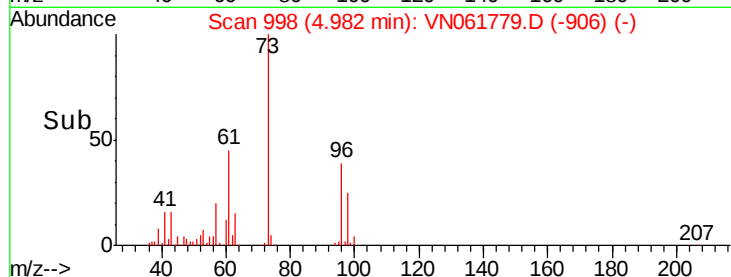
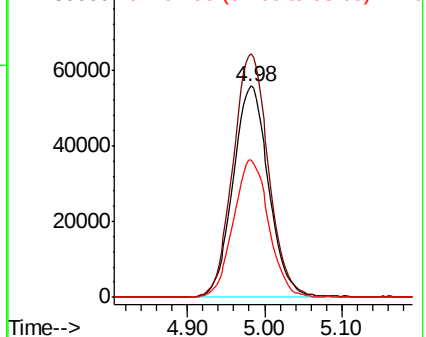


Abundance

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



#22

Diisopropyl ether

Concen: 47.940 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. -0.01 min

Lab File: VN061779.D

Acq: 12 Jun 2020 9:59

Tgt Ion: 45 Resp: 457598

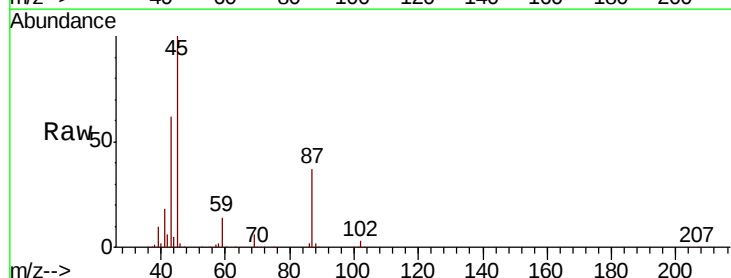
Ion Ratio Lower Upper

45 100

43 60.4 47.9 71.9

87 37.1 28.4 42.6

59 14.2 10.5 15.7



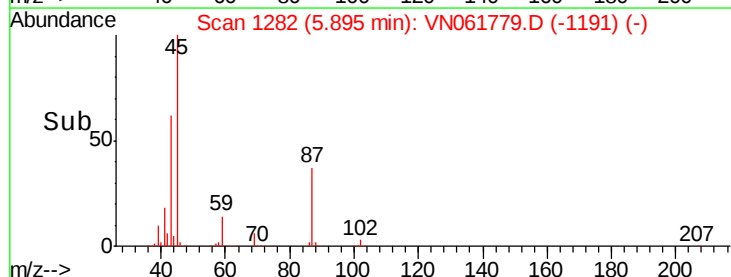
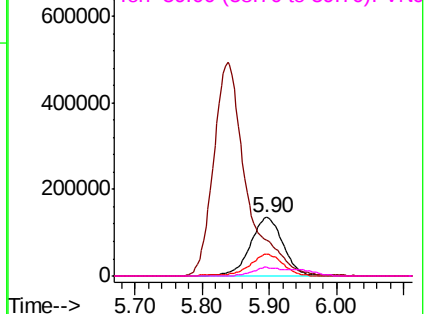
Abundance

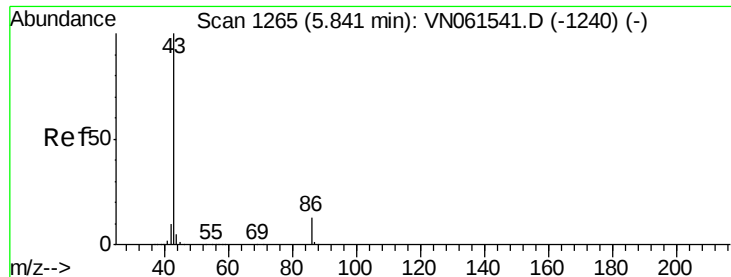
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 221.607 ug/l

RT: 5.84 min Scan# 1264

Delta R.T. -0.00 min

Lab File: VN061779.D

Acq: 12 Jun 2020 9:59

Instrument :

MSVOA_N

ClientSampled :

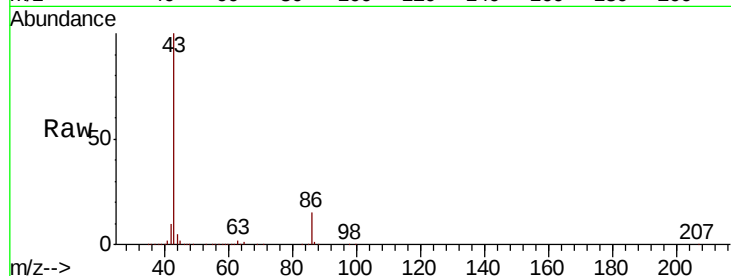
VSTDCCC050

Tot Ion: 43 Resp: 1685928

Ion Ratio Lower Upper

43 100

86 14.7 10.6 16.0



Abundance Ion 43.00 (42.70 to 43.70): VN061541.D (-1240) (-)

Ion 86.00 (85.70 to 86.70): VN061541.D (-1240) (-)

5.84

500000

400000

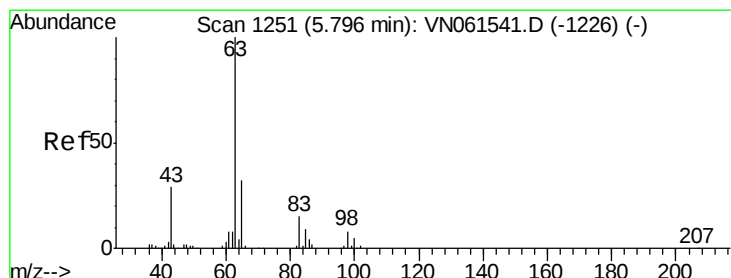
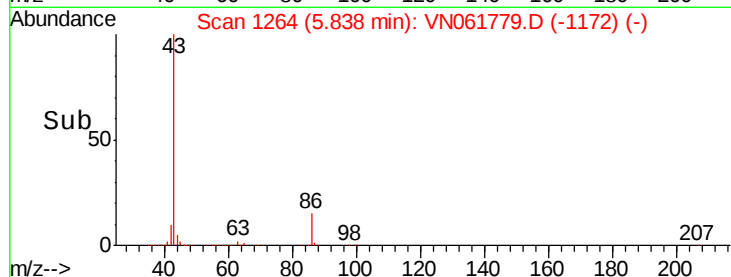
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 48.361 ug/l

RT: 5.79 min Scan# 1250

Delta R.T. -0.00 min

Lab File: VN061779.D

Acq: 12 Jun 2020 9:59

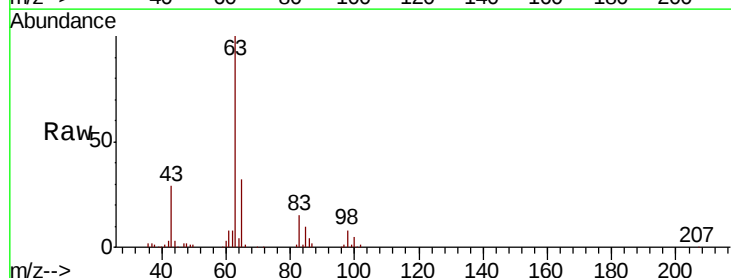
Tgt Ion: 63 Resp: 292720

Ion Ratio Lower Upper

63 100

98 7.9 3.8 11.4

100 4.7 2.5 7.6



Abundance Ion 62.90 (62.60 to 63.60): VN061541.D (-1226) (-)

Ion 97.90 (97.60 to 98.60): VN061541.D (-1226) (-)

Ion 99.90 (99.60 to 100.60): VN061541.D (-1226) (-)

120000

100000

80000

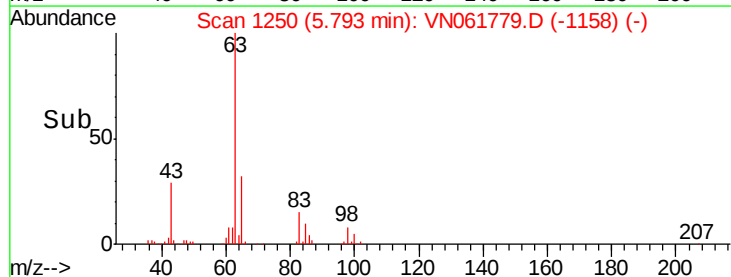
60000

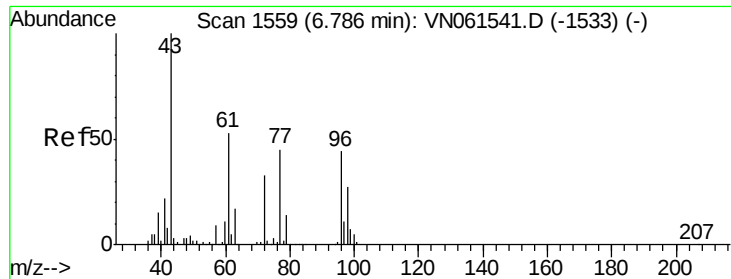
40000

20000

0

Time-->

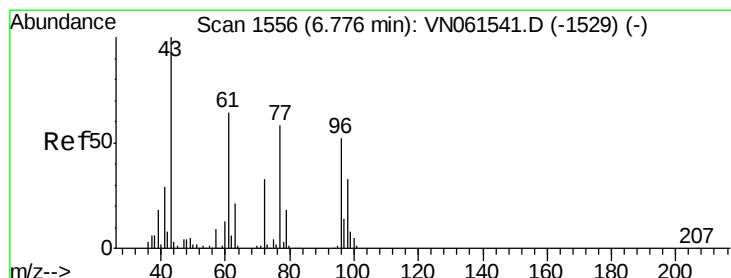
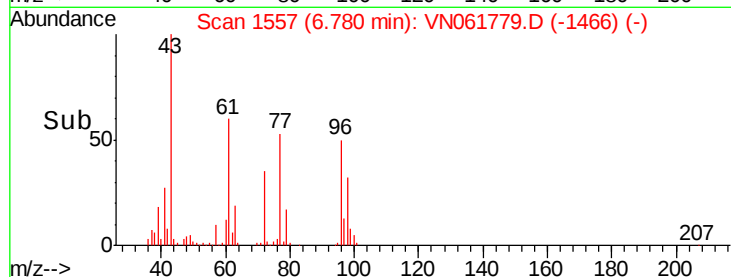
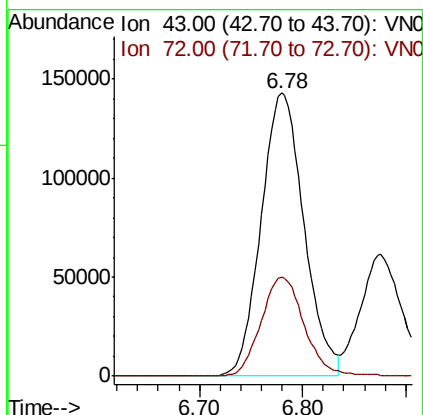
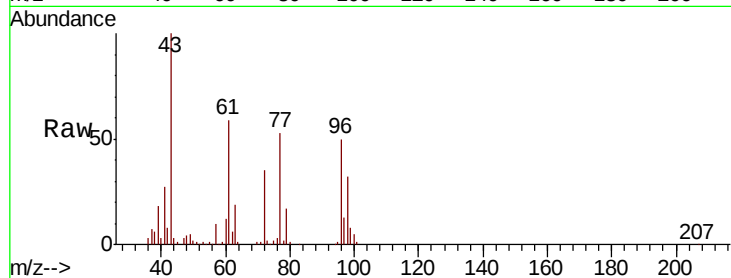




#25
2-Butanone
Concen: 225.171 ug/l
RT: 6.78 min Scan# 1557
Delta R.T. -0.01 min
Lab File: VN061779.D
Acq: 12 Jun 2020 9:59

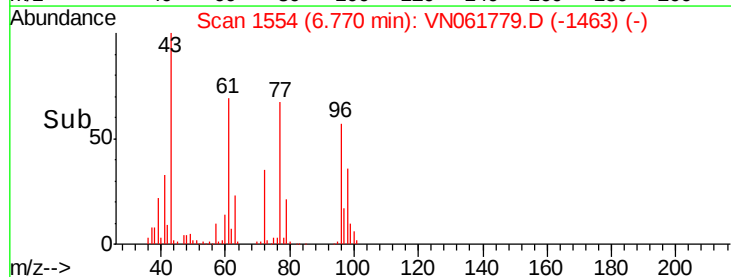
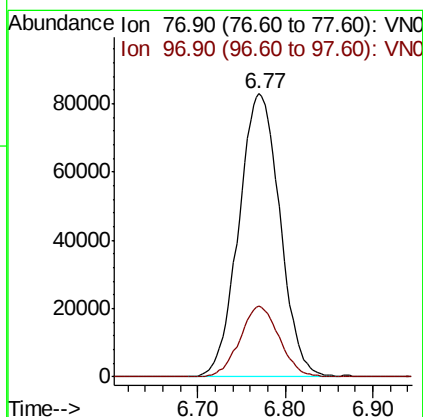
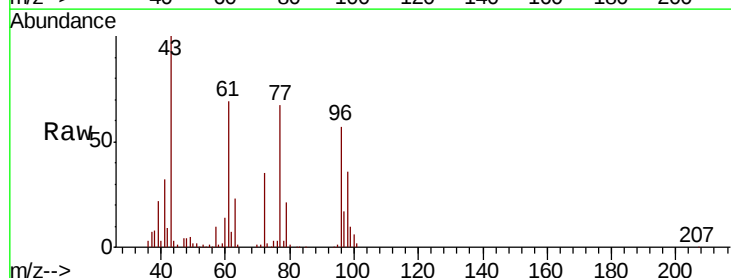
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 412188
Ion Ratio Lower Upper
43 100
72 34.9 26.0 39.0



#26
2,2-Dichloropropane
Concen: 48.721 ug/l
RT: 6.77 min Scan# 1554
Delta R.T. -0.01 min
Lab File: VN061779.D
Acq: 12 Jun 2020 9:59

Tgt Ion: 77 Resp: 269908
Ion Ratio Lower Upper
77 100
97 23.9 12.0 36.0





#27

cis-1,2-Dichloroethene

Concen: 50.520 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. -0.00 min

Lab File: VN061779.D

Acq: 12 Jun 2020 9:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

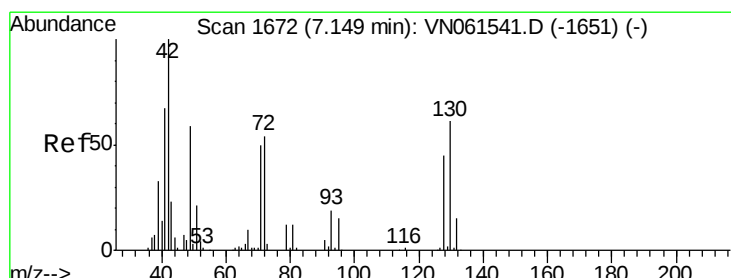
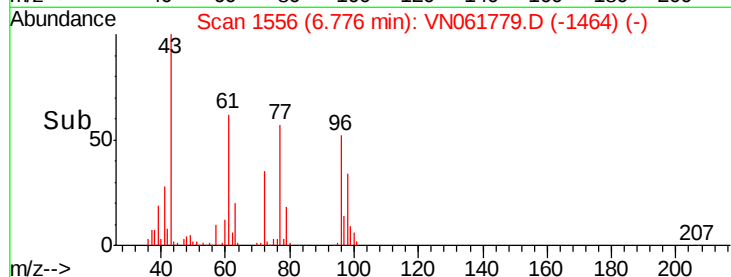
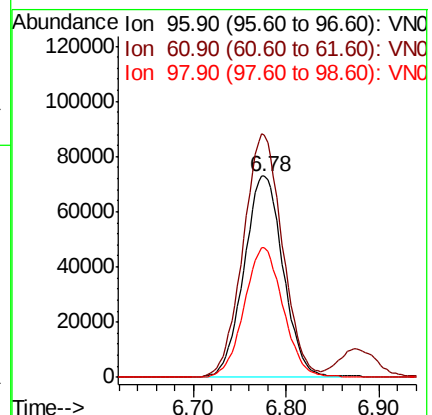
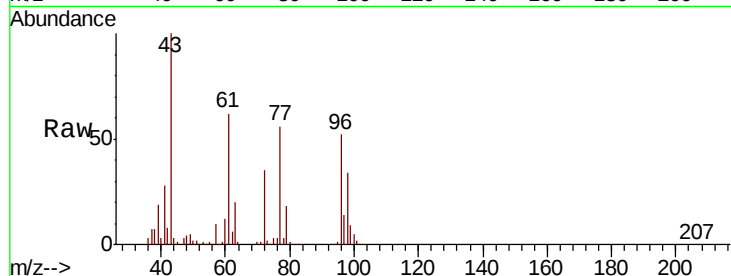
Tot Ion: 96 Resp: 213713

Ion Ratio Lower Upper

96 100

61 121.4 0.0 252.2

98 64.3 0.0 129.2



#28

Bromochloromethane

Concen: 47.086 ug/l

RT: 7.15 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VN061779.D

Acq: 12 Jun 2020 9:59

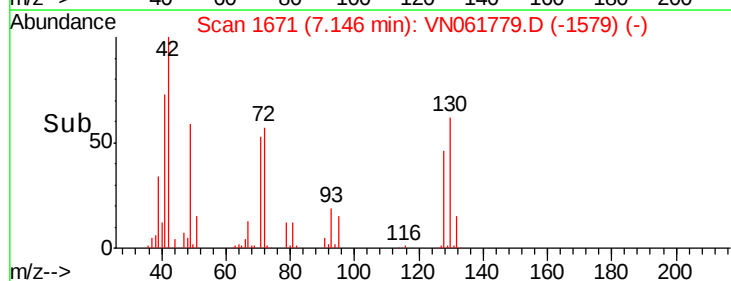
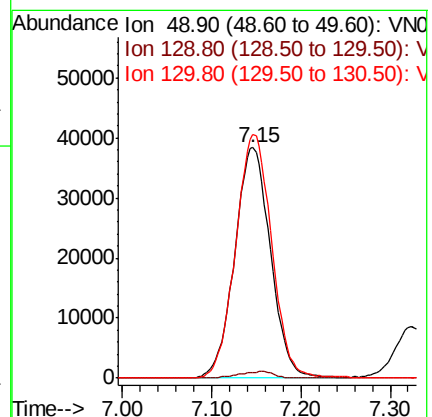
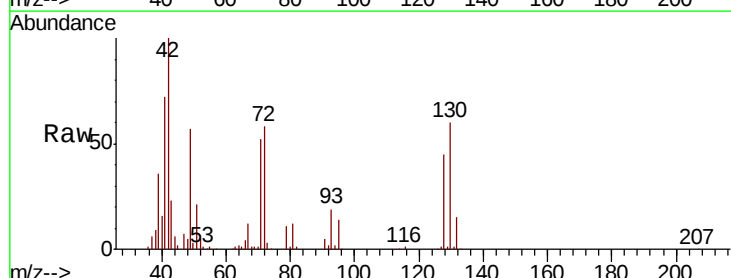
Tgt Ion: 49 Resp: 107177

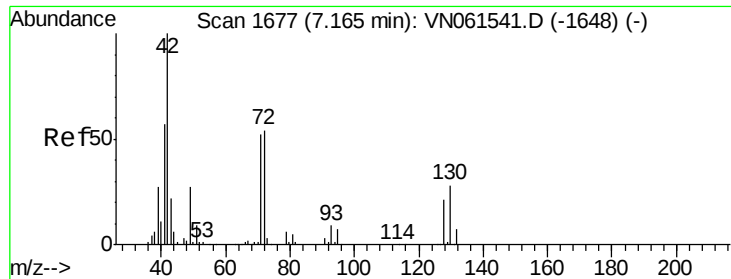
Ion Ratio Lower Upper

49 100

129 2.7 0.0 4.8

130 106.1 78.8 118.2

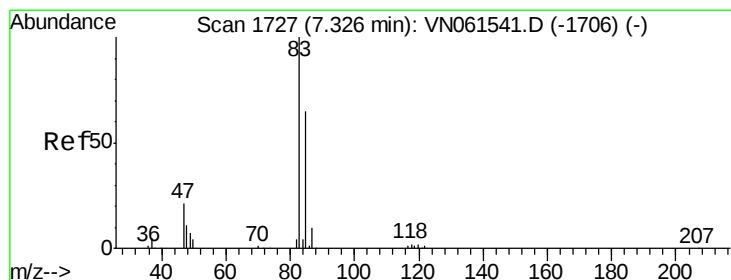
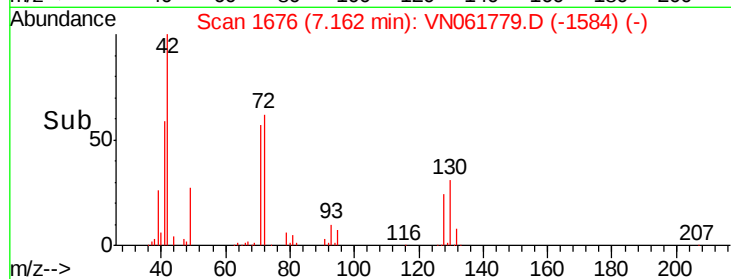
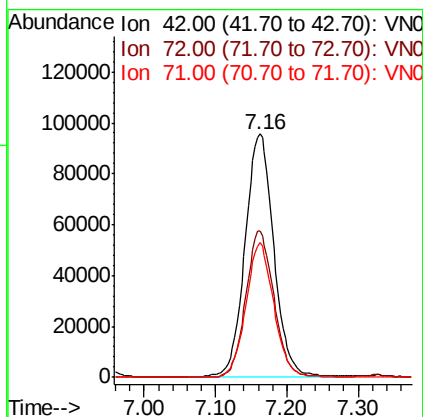
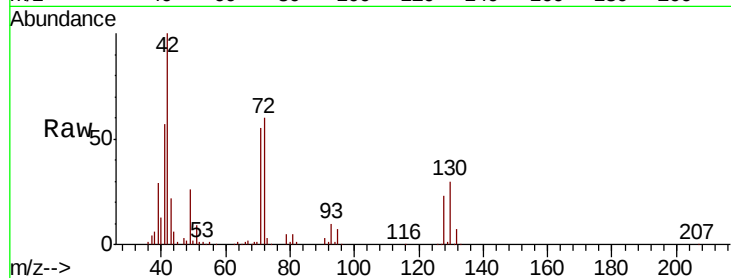




#29
Tetrahydrofuran
Concen: 223.412 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. -0.00 min
Lab File: VN061779.D
Acq: 12 Jun 2020 9:59

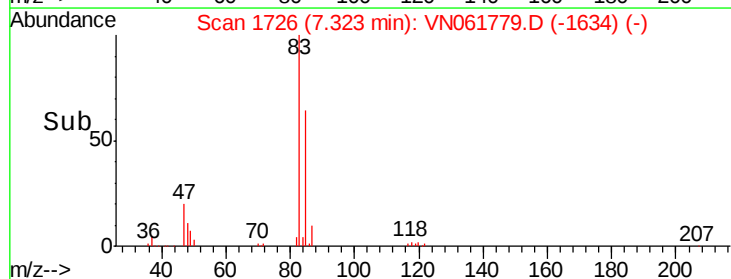
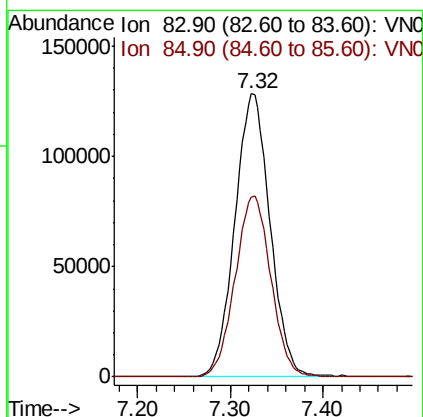
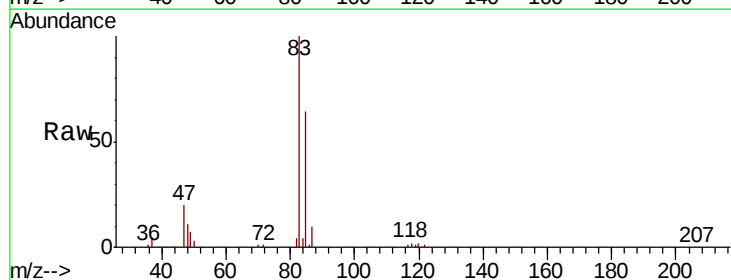
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 42 Resp: 269680
Ion Ratio Lower Upper
42 100
72 58.4 43.6 65.4
71 53.4 41.2 61.8



#30
Chloroform
Concen: 50.506 ug/l
RT: 7.32 min Scan# 1726
Delta R.T. -0.00 min
Lab File: VN061779.D
Acq: 12 Jun 2020 9:59

Tgt Ion: 83 Resp: 338207
Ion Ratio Lower Upper
83 100
85 63.5 51.7 77.5





#31

Cyclohexane

Concen: 42.991 ug/l

RT: 7.61 min Scan# 1815

Delta R.T. -0.00 min

Lab File: VN061779.D

Acq: 12 Jun 2020 9:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

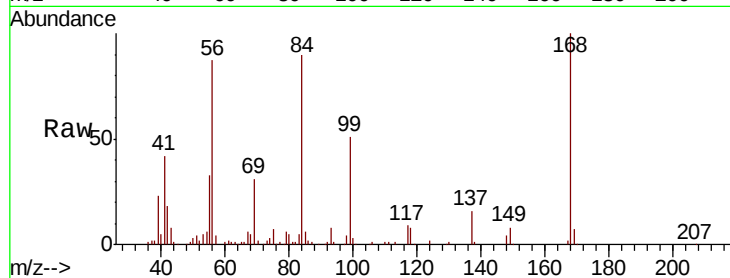
Tot Ion: 56 Resp: 234026

Ion Ratio Lower Upper

56 100

69 35.9 27.8 41.8

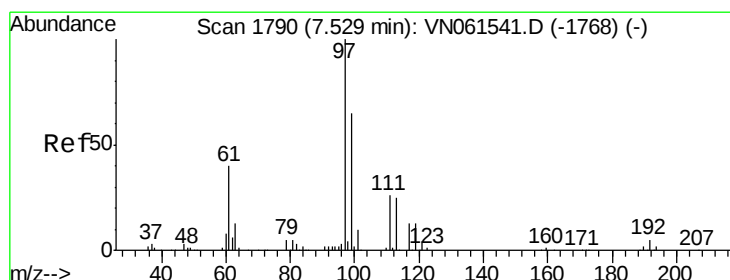
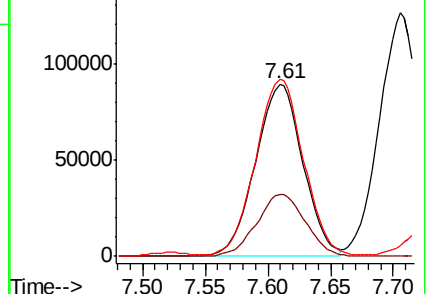
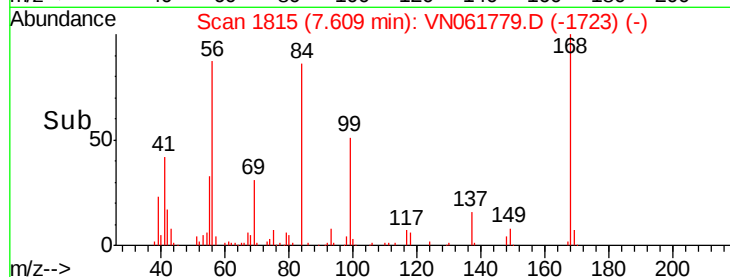
84 101.8 79.9 119.9



Abundance Ion 56.00 (55.70 to 56.70): VN061779.D (-1723) (-)

Ion 69.00 (68.70 to 69.70): VN061779.D (-1723) (-)

Ion 84.00 (83.70 to 84.70): VN061779.D (-1723) (-)



#32

1,1,1-Trichloroethane

Concen: 48.368 ug/l

RT: 7.53 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VN061779.D

Acq: 12 Jun 2020 9:59

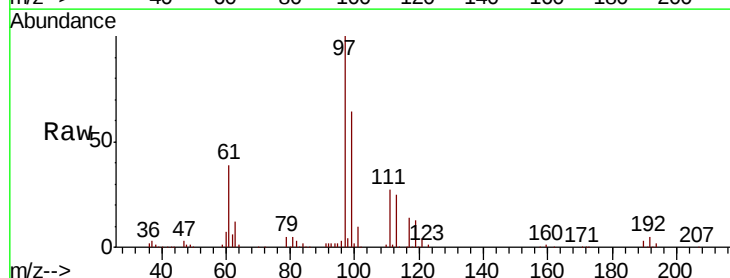
Tgt Ion: 97 Resp: 295123

Ion Ratio Lower Upper

97 100

99 64.8 51.4 77.0

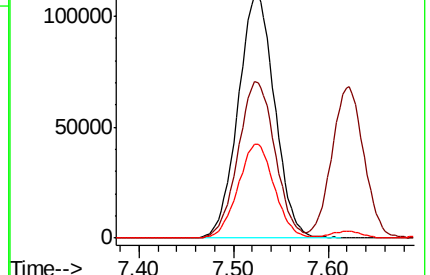
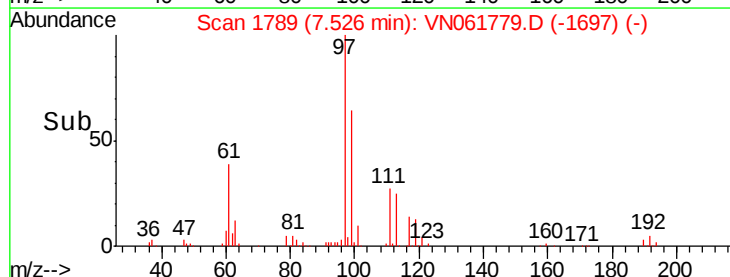
61 38.3 31.4 47.0



Abundance Ion 96.90 (96.60 to 97.60): VN061779.D (-1697) (-)

Ion 98.90 (98.60 to 99.60): VN061779.D (-1697) (-)

Ion 60.90 (60.60 to 61.60): VN061779.D (-1697) (-)

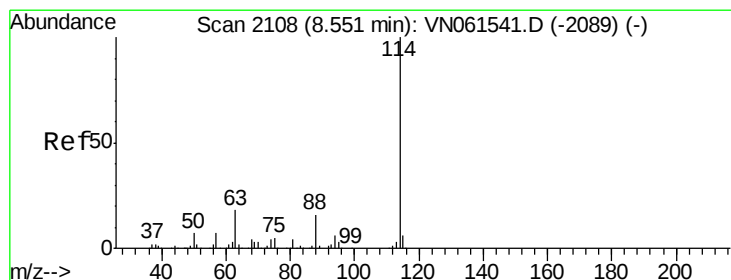
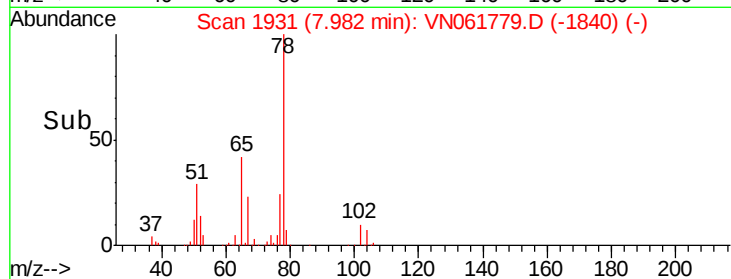
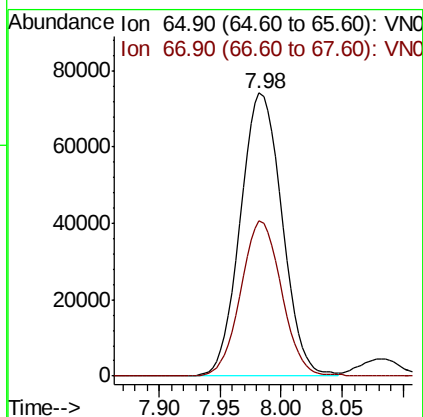
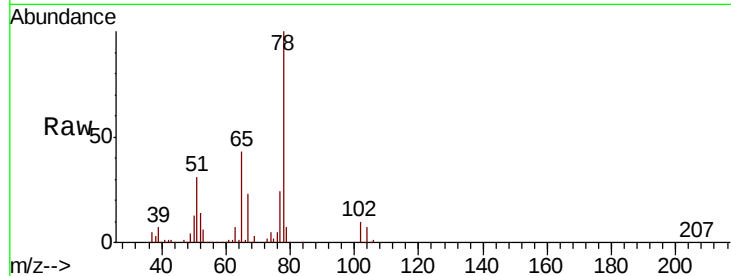




#33
 1,2-Dichloroethane-d4
 Concen: 45.477 ug/l
 RT: 7.98 min Scan# 1931
 Delta R.T. -0.01 min
 Lab File: VN061779.D
 Acq: 12 Jun 2020 9:59

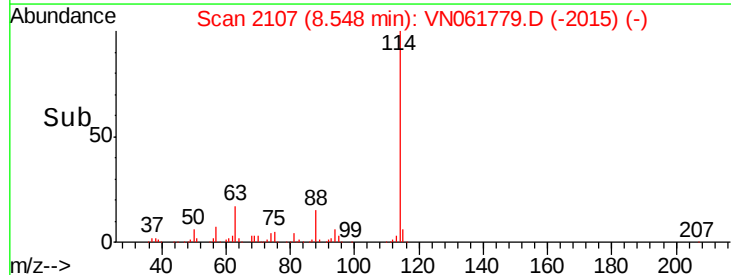
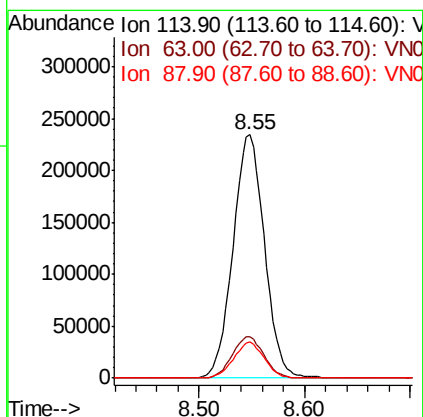
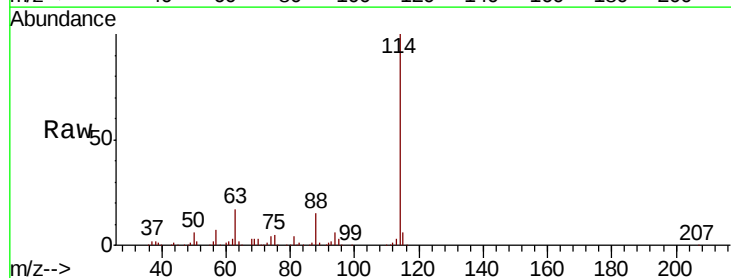
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

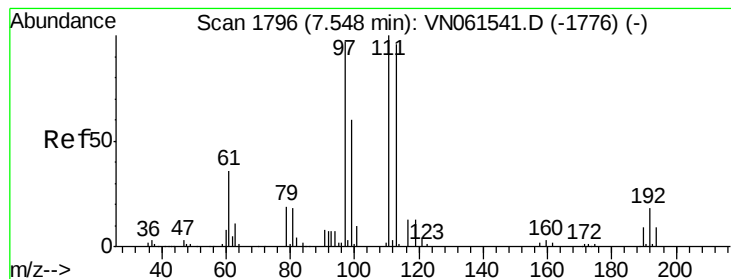
Tot Ion: 65 Resp: 175655
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN061779.D
 Acq: 12 Jun 2020 9:59

Tgt Ion: 114 Resp: 486091
 Ion Ratio Lower Upper
 114 100
 63 17.0 0.0 35.8
 88 14.7 0.0 31.0





#35

Dibromofluoromethane

Concen: 55.211 ug/l

RT: 7.54 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VN061779.D

Acq: 12 Jun 2020 9:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

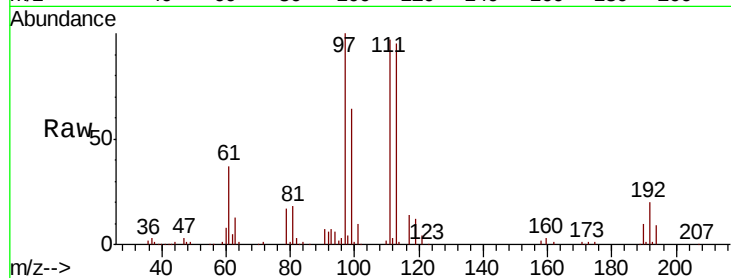
Tot Ion:113 Resp: 136141

Ion Ratio Lower Upper

113 100

111 104.2 83.4 125.0

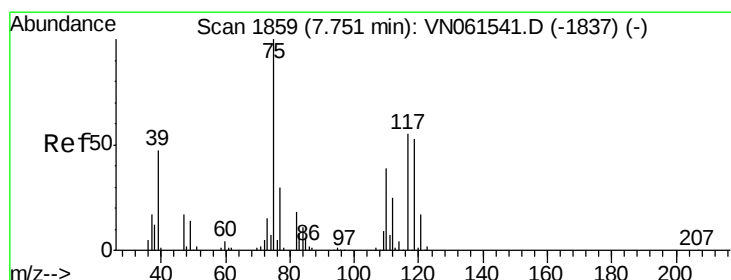
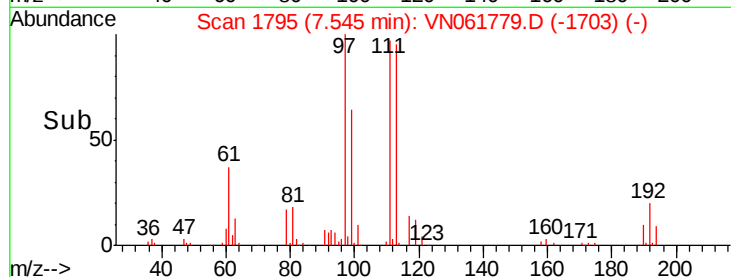
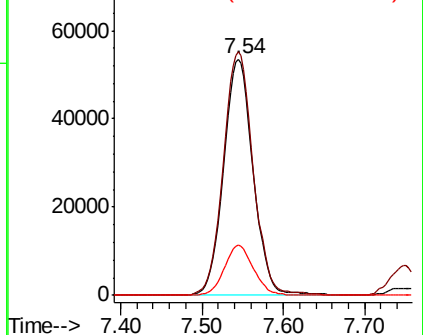
192 20.9 15.4 23.2



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: 54.204 ug/l

RT: 7.75 min Scan# 1858

Delta R.T. -0.00 min

Lab File: VN061779.D

Acq: 12 Jun 2020 9:59

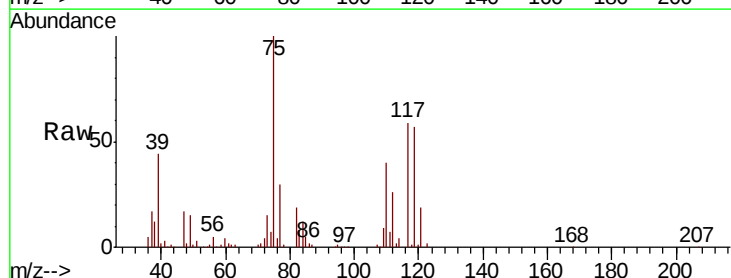
Tgt Ion: 75 Resp: 233250

Ion Ratio Lower Upper

75 100

110 39.8 19.5 58.5

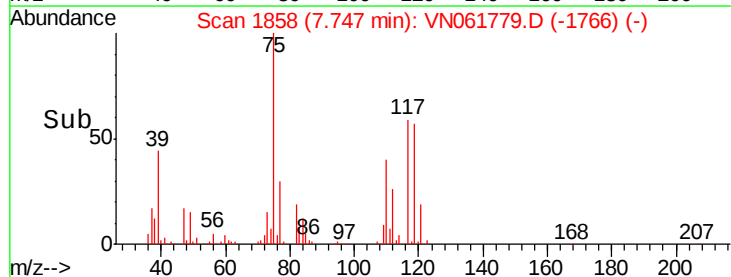
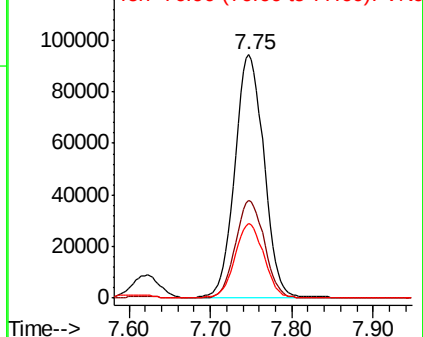
77 30.1 24.7 37.1

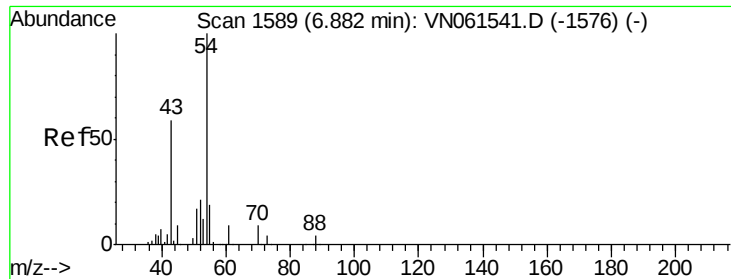


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VN0

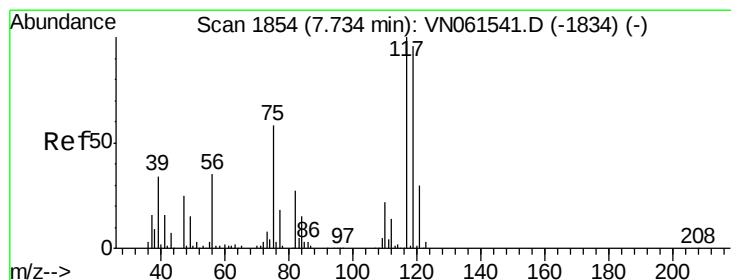
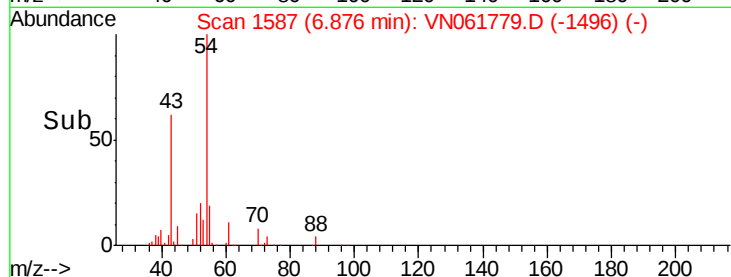
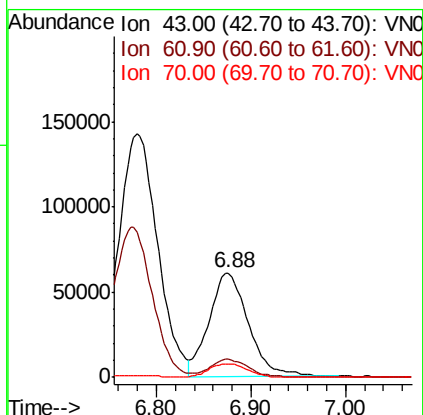
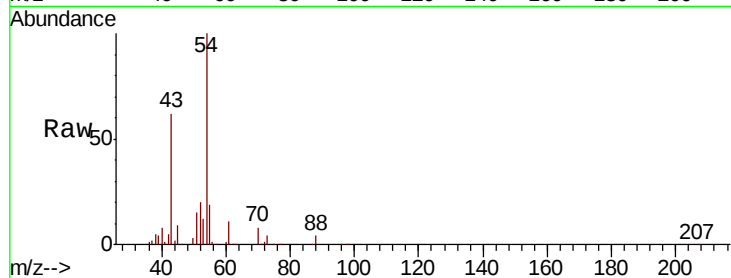




#37
Ethyl Acetate
Concen: 50.611 ug/l
RT: 6.88 min Scan# 1587
Delta R.T. -0.01 min
Lab File: VN061779.D
Acq: 12 Jun 2020 9:59

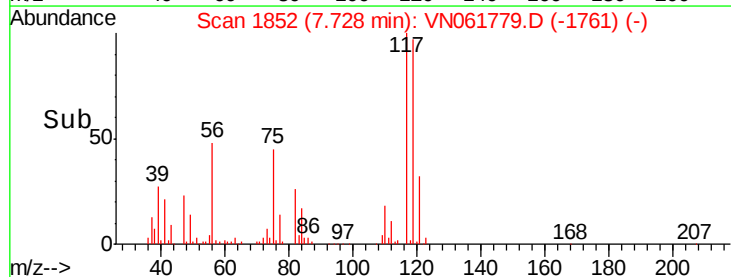
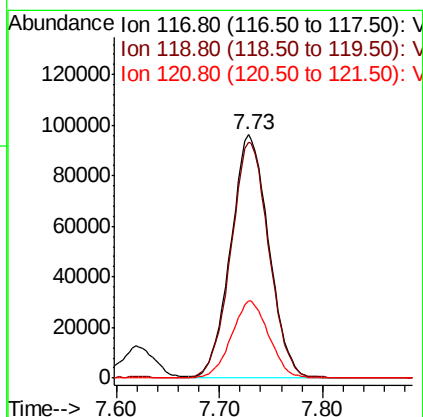
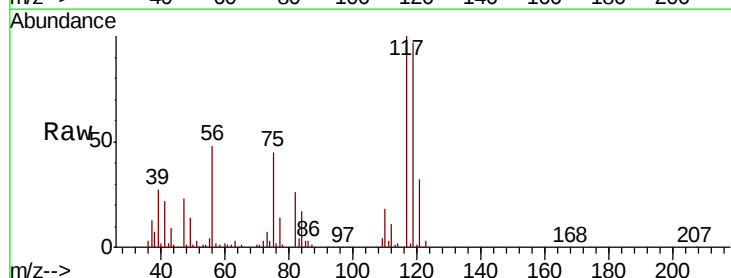
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

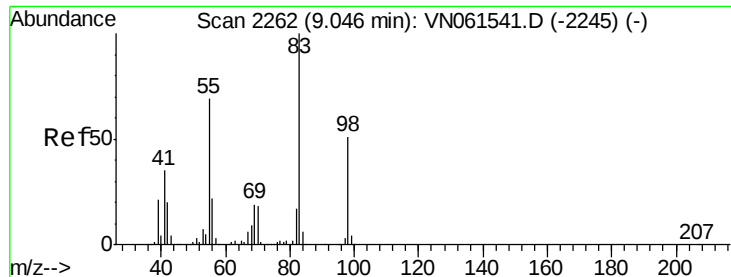
Tot Ion: 43 Resp: 175412
Ion Ratio Lower Upper
43 100
61 17.0 12.2 18.4
70 12.9 9.4 14.2



#38
Carbon Tetrachloride
Concen: 59.267 ug/l
RT: 7.73 min Scan# 1852
Delta R.T. -0.01 min
Lab File: VN061779.D
Acq: 12 Jun 2020 9:59

Tgt Ion: 117 Resp: 246000
Ion Ratio Lower Upper
117 100
119 96.9 76.5 114.7
121 31.9 24.1 36.1

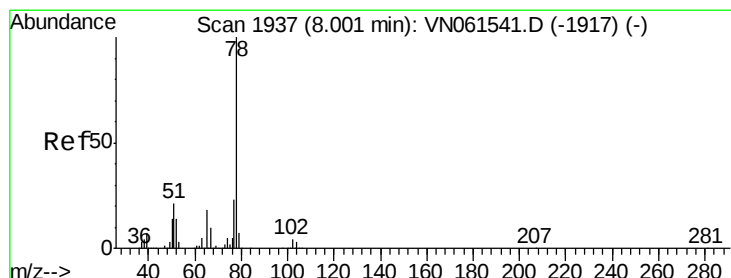
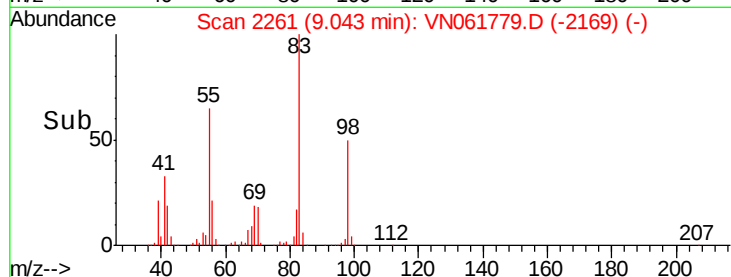
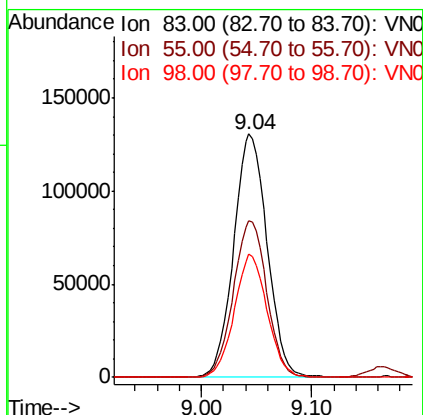
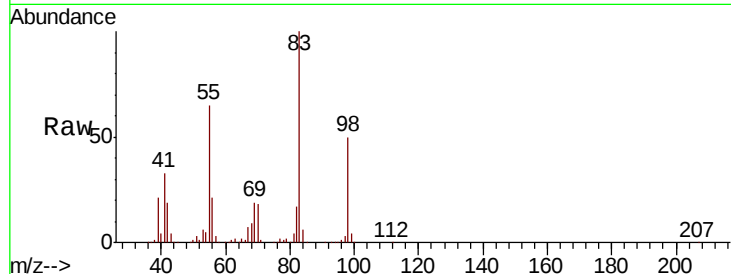




#39
Methvlcvclohexane
Concen: 51.779 ug/l
RT: 9.04 min Scan# 2261
Delta R.T. -0.00 min
Lab File: VN061779.D
Acq: 12 Jun 2020 9:59

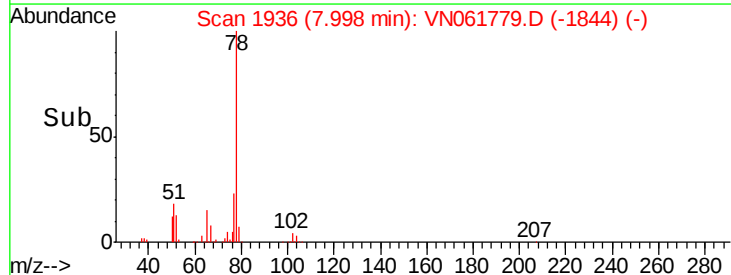
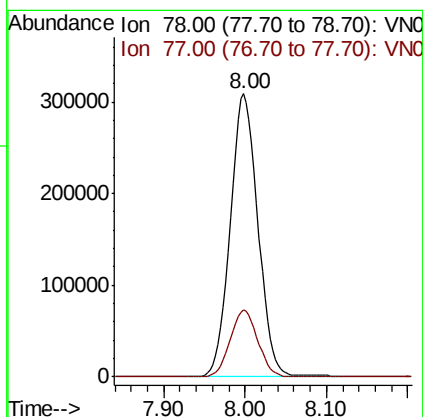
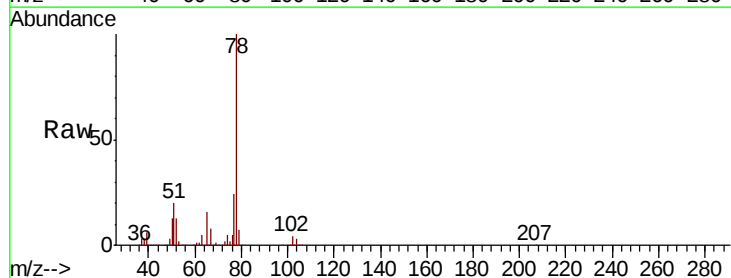
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

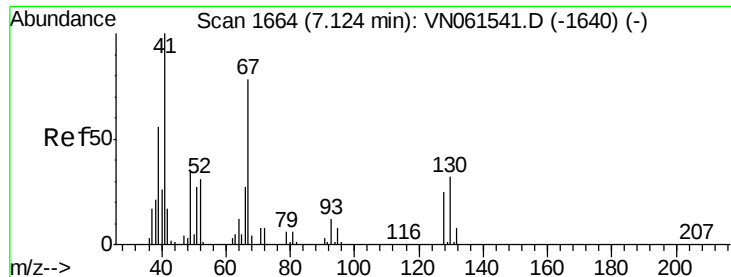
Tot Ion: 83 Resp: 274631
Ion Ratio Lower Upper
83 100
55 64.6 54.9 82.3
98 50.4 41.0 61.4



#40
Benzene
Concen: 55.202 ug/l
RT: 8.00 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VN061779.D
Acq: 12 Jun 2020 9:59

Tgt Ion: 78 Resp: 732933
Ion Ratio Lower Upper
78 100
77 23.7 18.6 28.0

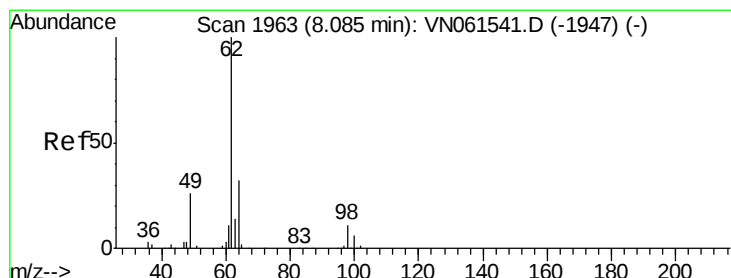
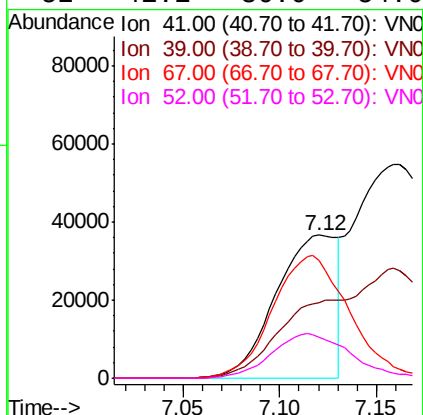
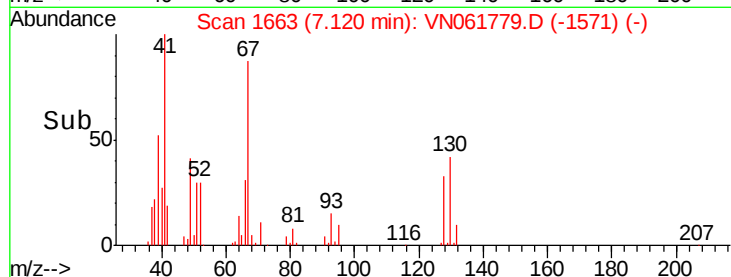
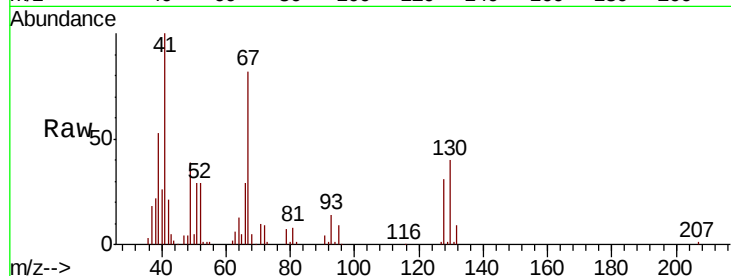




#41
Methacrylonitrile
Concen: 50.910 ug/l
RT: 7.12 min Scan# 1663
Delta R.T. -0.00 min
Lab File: VN061779.D
Acq: 12 Jun 2020 9:59

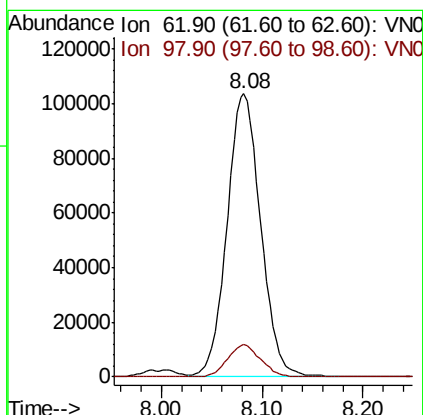
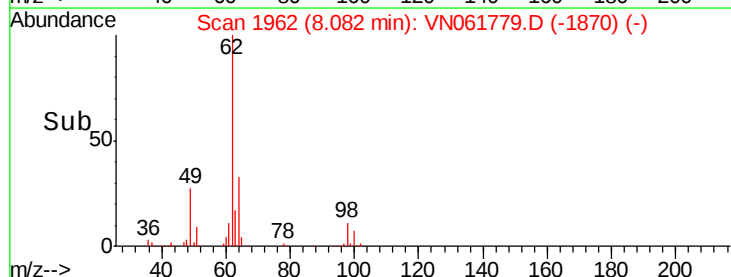
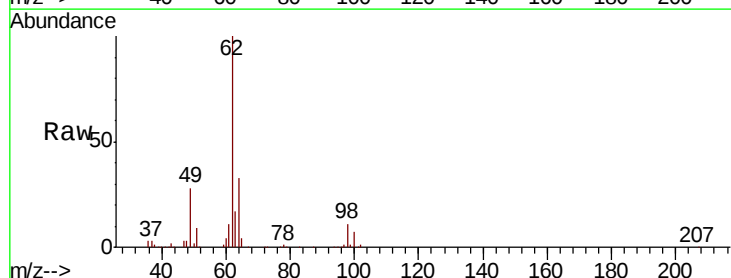
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

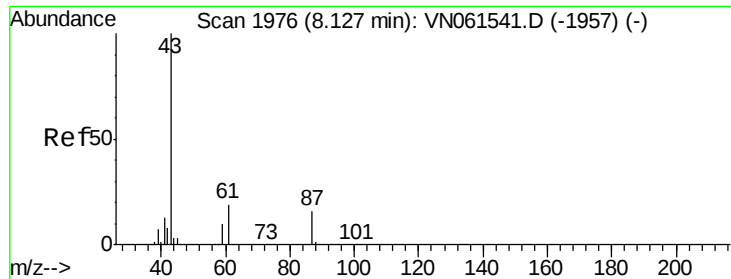
Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	53.8	80.6#
67	107.9	91.1	136.7
52	41.1	36.0	54.0



#42
1,2-Dichloroethane
Concen: 53.460 ug/l
RT: 8.08 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VN061779.D
Acq: 12 Jun 2020 9:59

Tgt Ion	Ratio	Lower	Upper
62	100		
98	11.2	0.0	21.4

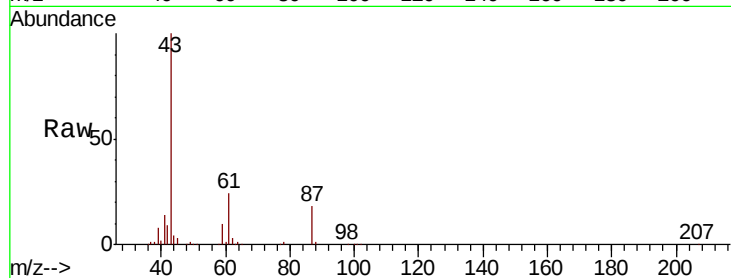




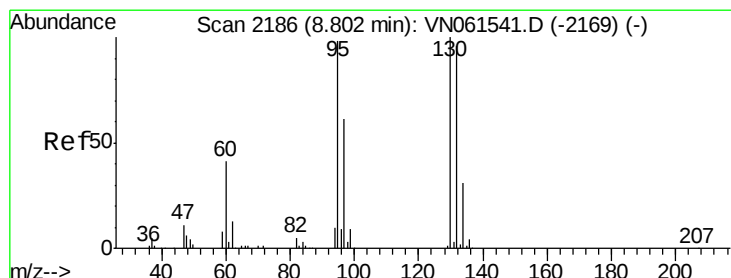
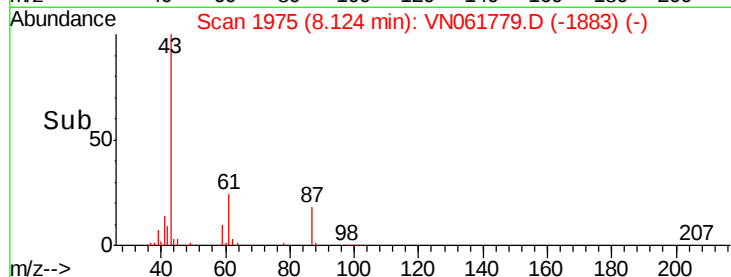
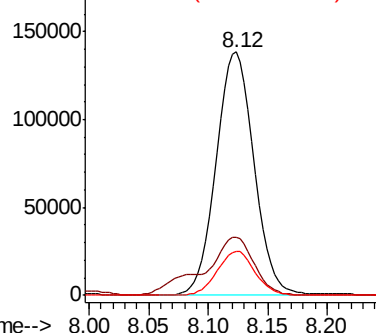
#43
Isopropyl Acetate
Concen: 48.953 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN061779.D
Acq: 12 Jun 2020 9:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	24.2	23.6	35.4
87	17.9	13.0	19.6

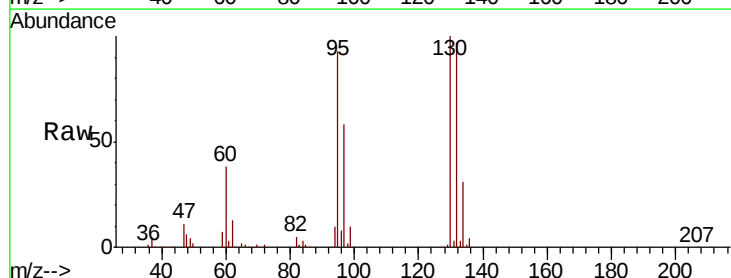


Abundance Ion 43.00 (42.70 to 43.70): VN061541.D (-1957) (-)

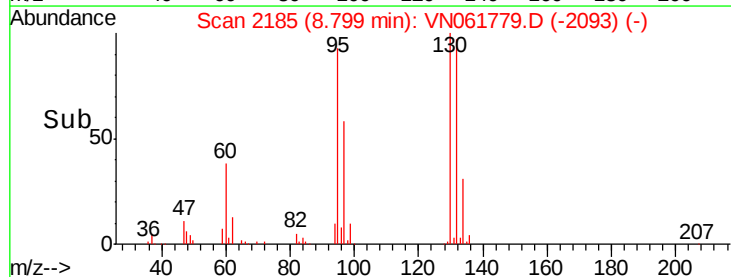
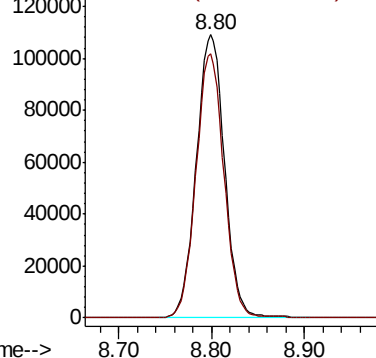


#44
Trichloroethene
Concen: 56.449 ug/l
RT: 8.80 min Scan# 2185
Delta R.T. -0.00 min
Lab File: VN061779.D
Acq: 12 Jun 2020 9:59

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.4	0.0	196.6



Abundance Ion 129.80 (129.50 to 130.50): VN061541.D (-2169) (-)





#45

1,2-Dichloropropane

Concen: 56.588 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. -0.00 min

Lab File: VN061779.D

Acq: 12 Jun 2020 9:59

Instrument :

MSVOA_N

ClientSampleId :

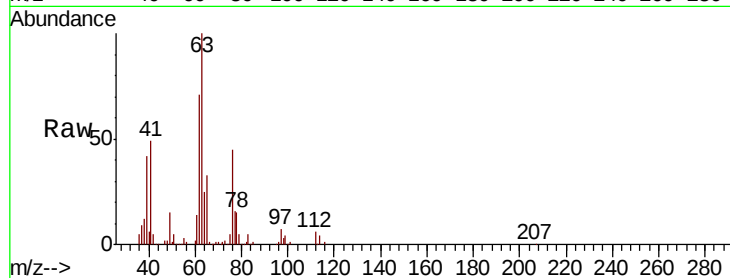
VSTDCCC050

Tot Ion: 63 Resp: 178408

Ion Ratio Lower Upper

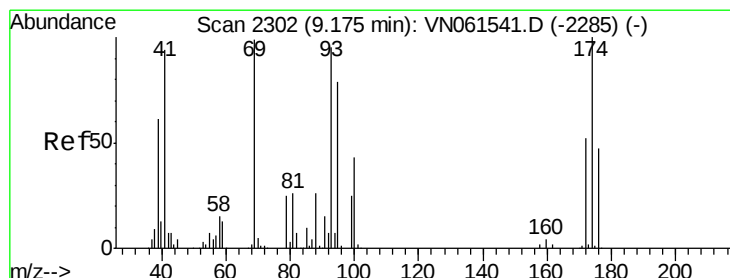
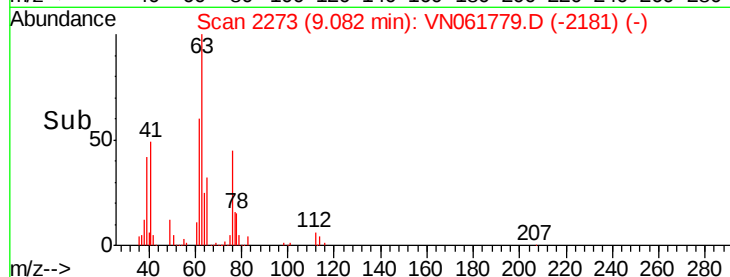
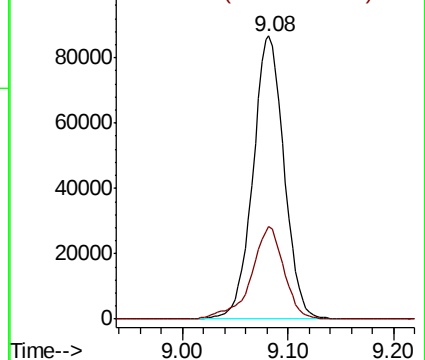
63 100

65 32.8 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VN061779.D (-2250) (-)

Ion 64.90 (64.60 to 65.60): VN061779.D (-2250) (-)



#46

Dibromomethane

Concen: 55.630 ug/l

RT: 9.17 min Scan# 2301

Delta R.T. -0.00 min

Lab File: VN061779.D

Acq: 12 Jun 2020 9:59

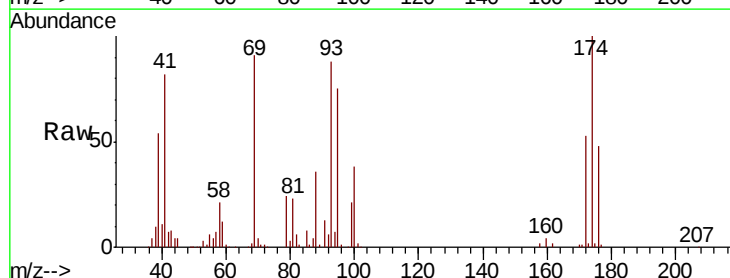
Tgt Ion: 93 Resp: 134512

Ion Ratio Lower Upper

93 100

95 84.9 66.0 99.0

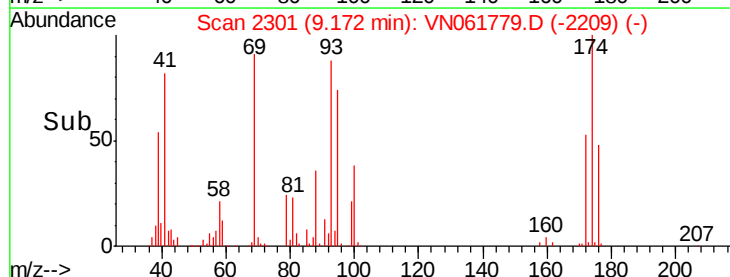
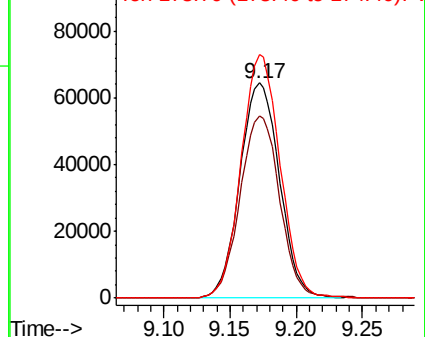
174 111.2 82.5 123.7



Abundance Ion 92.80 (92.50 to 93.50): VN061779.D (-2285) (-)

Ion 94.80 (94.50 to 95.50): VN061779.D (-2285) (-)

Ion 173.70 (173.40 to 174.40): VN061779.D (-2285) (-)





#47

Bromodichloromethane

Concen: 58.408 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN061779.D

Acq: 12 Jun 2020 9:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

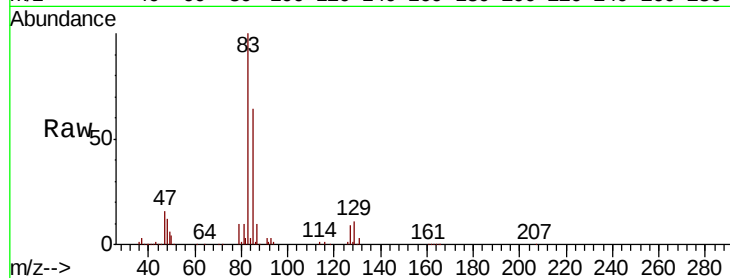
Tot Ion: 83 Resp: 279810

Ion Ratio Lower Upper

83 100

85 63.7 51.1 76.7

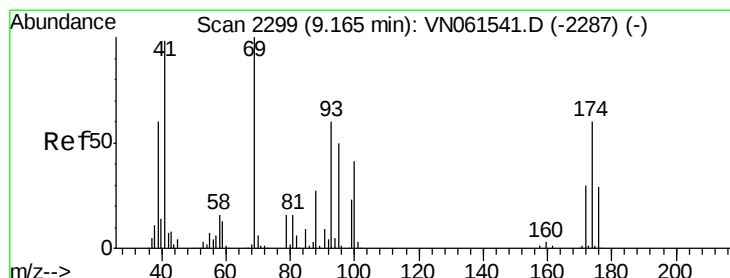
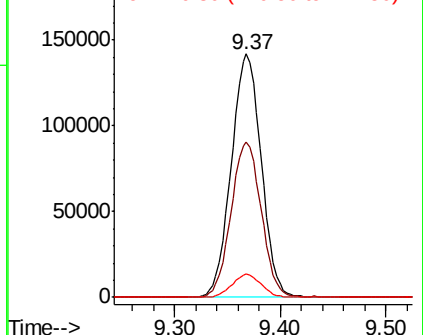
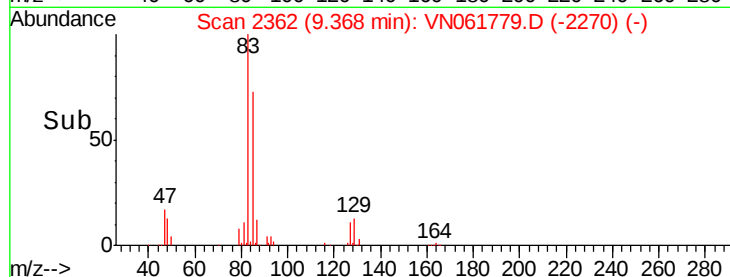
127 9.5 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VN061779.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN061779.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN061779.D (-2270) (-)



#48

Methyl methacrylate

Concen: 47.545 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. 0.00 min

Lab File: VN061779.D

Acq: 12 Jun 2020 9:59

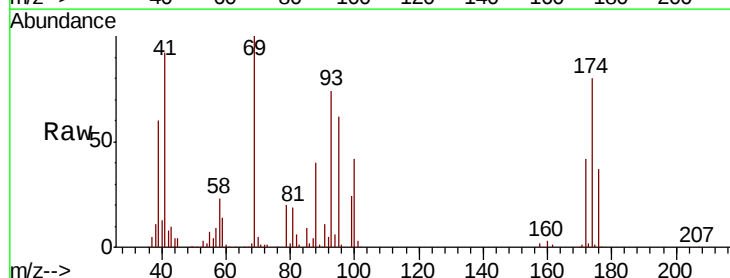
Tgt Ion: 41 Resp: 133386

Ion Ratio Lower Upper

41 100

69 111.8 83.9 125.9

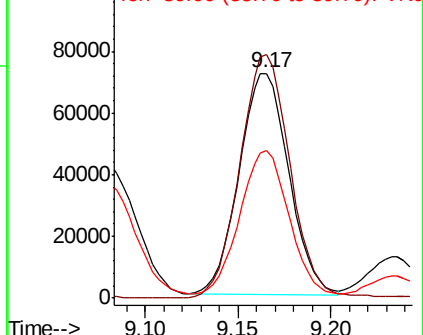
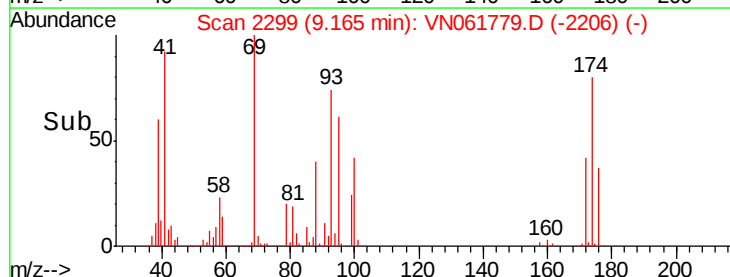
39 67.4 52.1 78.1



Abundance Ion 41.00 (40.70 to 41.70): VN061779.D (-2206) (-)

Ion 69.00 (68.70 to 69.70): VN061779.D (-2206) (-)

Ion 39.00 (38.70 to 39.70): VN061779.D (-2206) (-)





#49

1,4-Dioxane

Concen: 1515.611 ug/l

RT: 9.16 min Scan# 2298

Delta R.T. -0.00 min

Lab File: VN061779.D

Acq: 12 Jun 2020 9:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

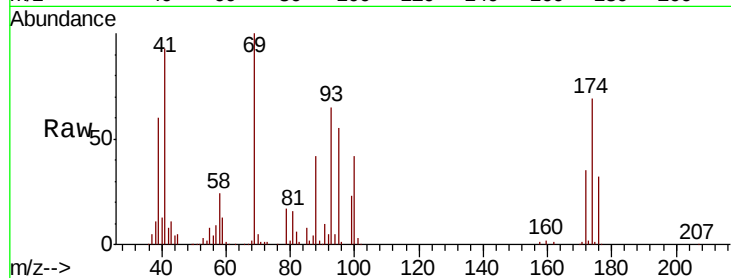
Tot Ion: 88 Resp: 65871

Ion Ratio Lower Upper

88 100

43 23.5 23.1 34.7

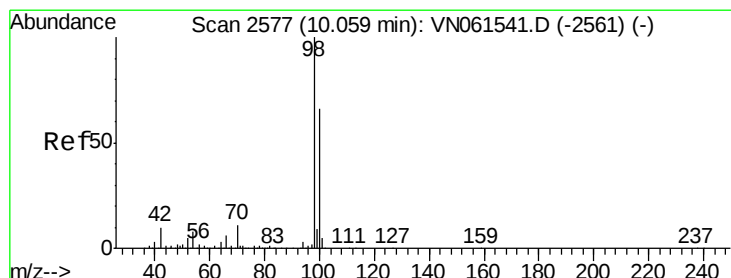
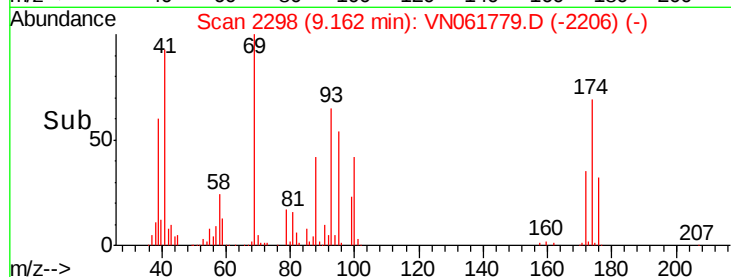
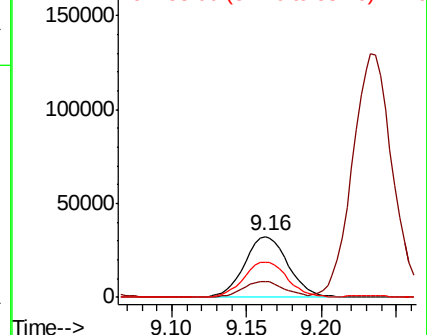
58 57.9 48.3 72.5



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 53.602 ug/l

RT: 10.06 min Scan# 2576

Delta R.T. -0.00 min

Lab File: VN061779.D

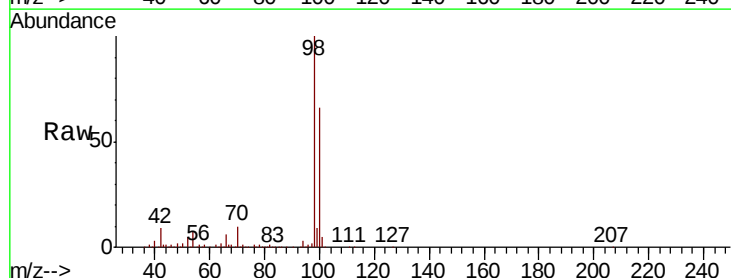
Acq: 12 Jun 2020 9:59

Tgt Ion: 98 Resp: 612514

Ion Ratio Lower Upper

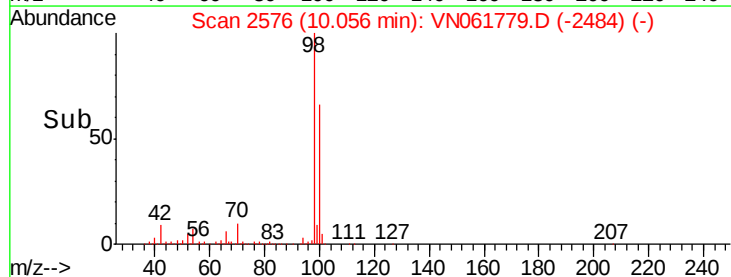
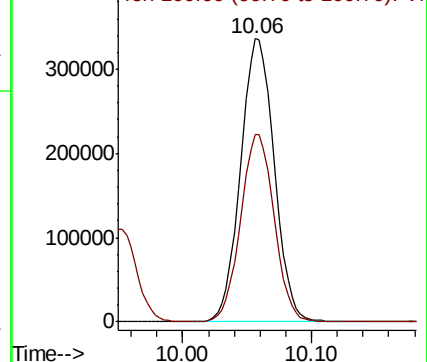
98 100

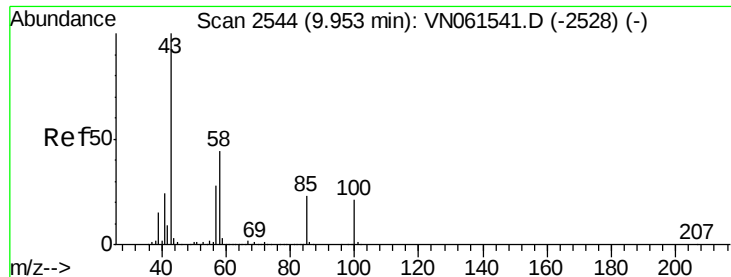
100 65.7 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 256.486 ug/l

RT: 9.95 min Scan# 2543

Delta R.T. -0.00 min

Lab File: VN061779.D

Acq: 12 Jun 2020 9:59

Instrument :

MSVOA_N

ClientSampleId :

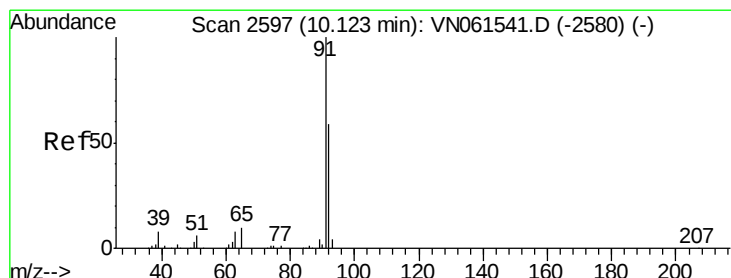
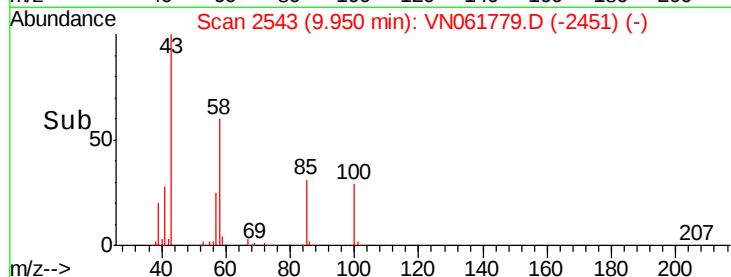
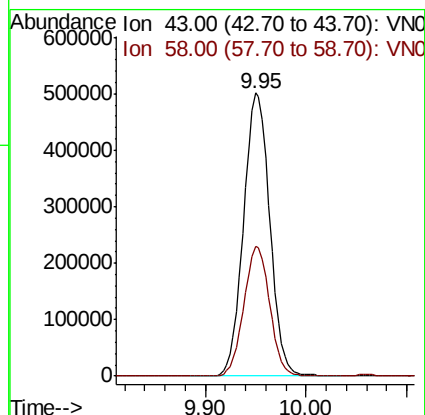
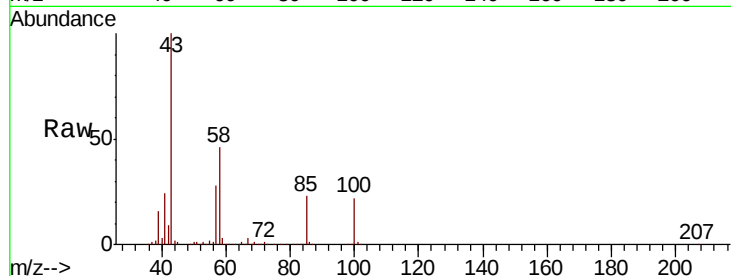
VSTDCCC050

Tot Ion: 43 Resp: 901267

Ion Ratio Lower Upper

43 100

58 45.2 35.0 52.6



#52

Toluene

Concen: 56.963 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. 0.00 min

Lab File: VN061779.D

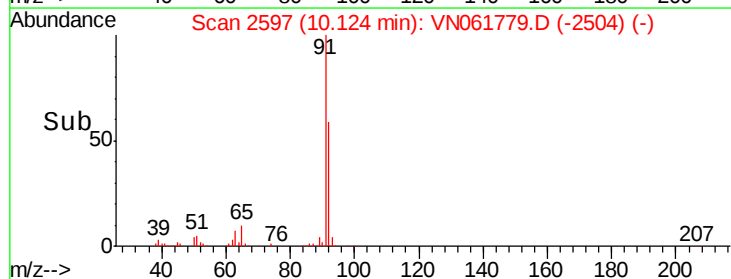
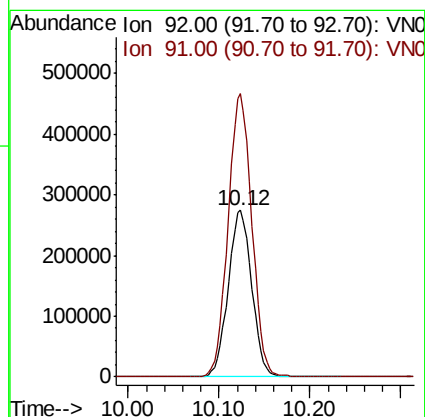
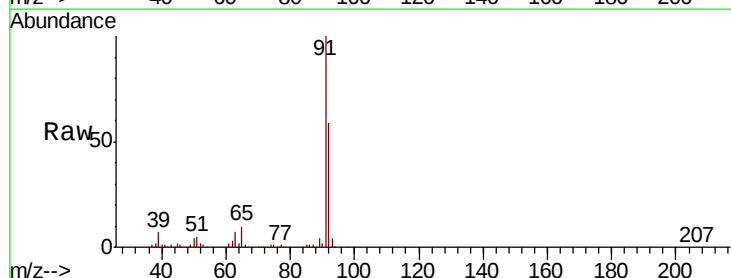
Acq: 12 Jun 2020 9:59

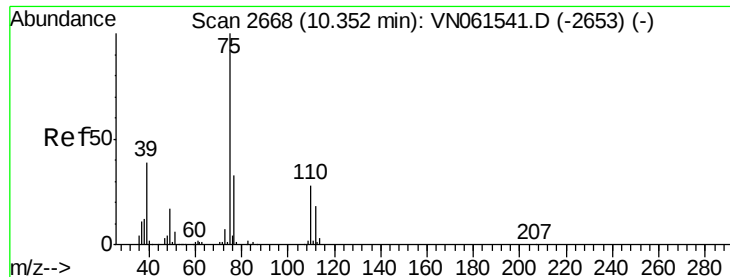
Tgt Ion: 92 Resp: 493637

Ion Ratio Lower Upper

92 100

91 171.1 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 56.849 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. 0.00 min

Lab File: VN061779.D

Acq: 12 Jun 2020 9:59

Instrument :

MSVOA_N

ClientSampleId :

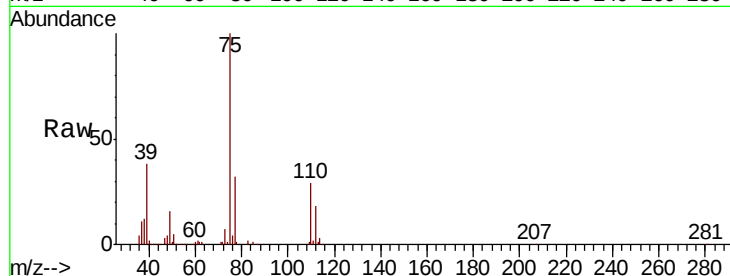
VSTDCCC050

Tot Ion: 75 Resp: 293382

Ion Ratio Lower Upper

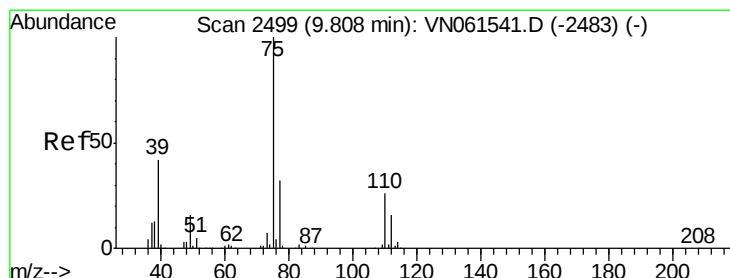
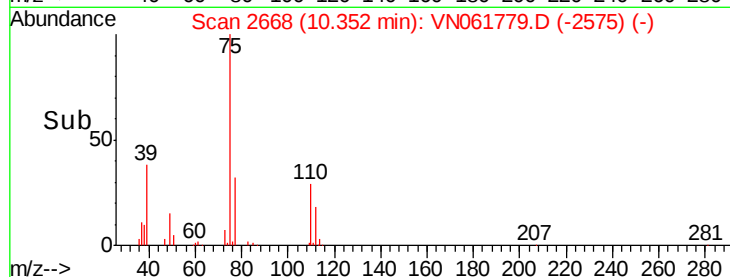
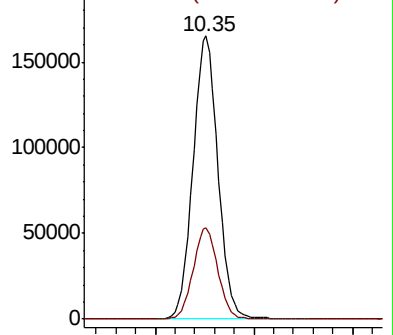
75 100

77 32.1 26.2 39.4



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 57.104 ug/l

RT: 9.81 min Scan# 2498

Delta R.T. -0.00 min

Lab File: VN061779.D

Acq: 12 Jun 2020 9:59

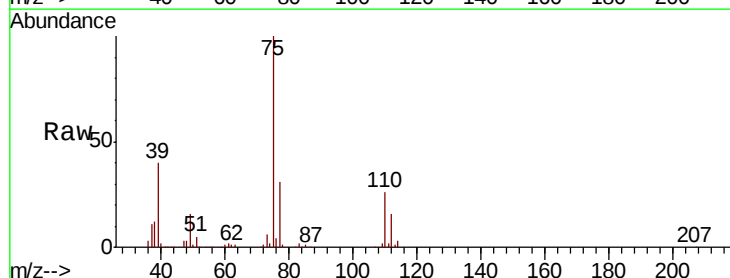
Tgt Ion: 75 Resp: 316865

Ion Ratio Lower Upper

75 100

77 31.3 25.4 38.2

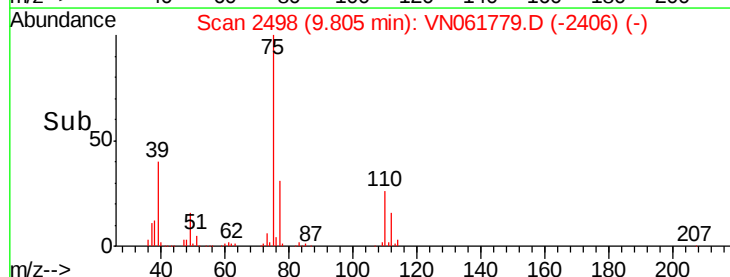
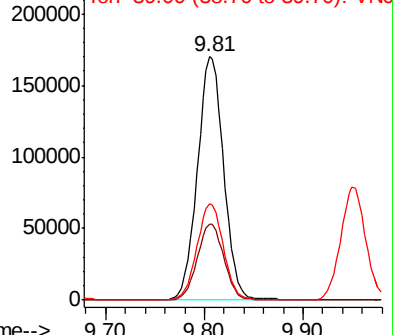
39 39.7 33.8 50.6

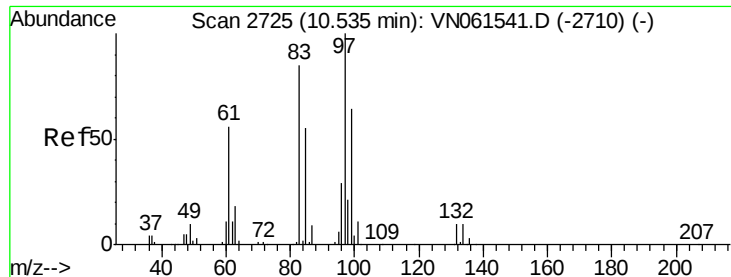


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 57.987 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.00 min

Lab File: VN061779.D

Acq: 12 Jun 2020 9:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 200202

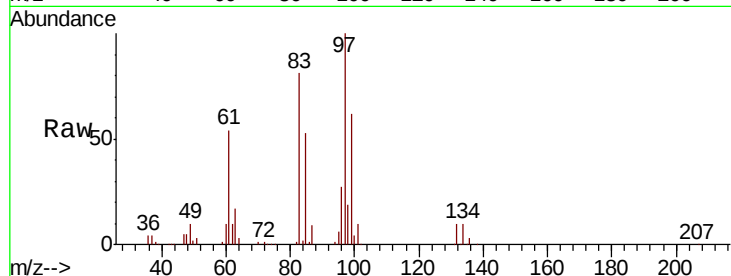
Ion Ratio Lower Upper

97 100

83 81.5 68.1 102.1

85 52.9 44.1 66.1

99 62.2 51.1 76.7

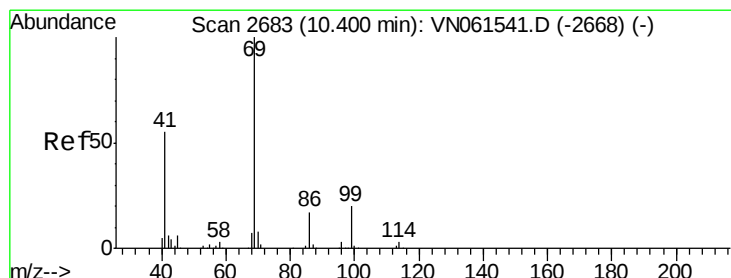
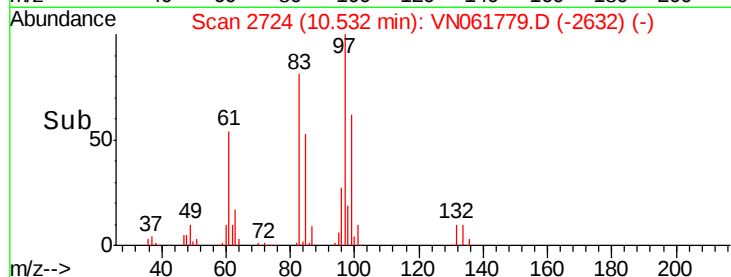
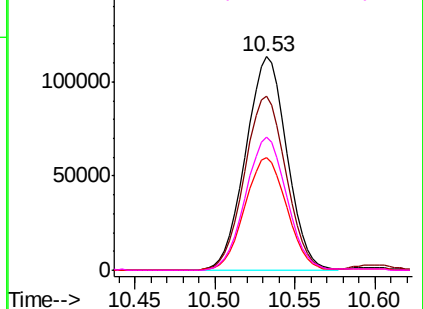


Abundance Ion 96.90 (96.60 to 97.60): VN0

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: 55.496 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. 0.00 min

Lab File: VN061779.D

Acq: 12 Jun 2020 9:59

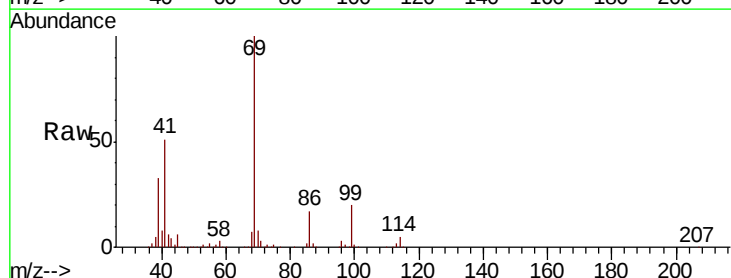
Tgt Ion: 69 Resp: 267649

Ion Ratio Lower Upper

69 100

41 50.7 43.5 65.3

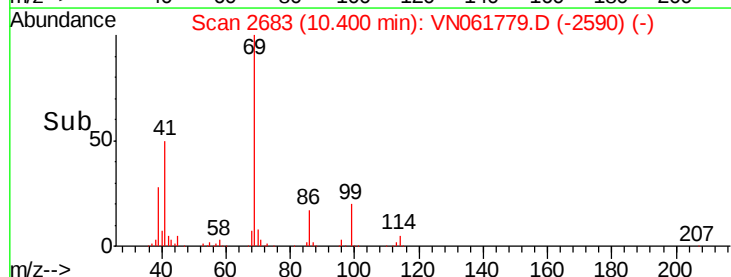
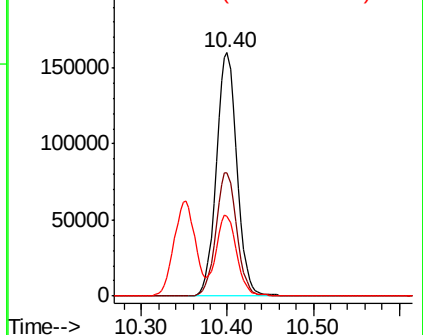
39 33.5 27.0 40.6

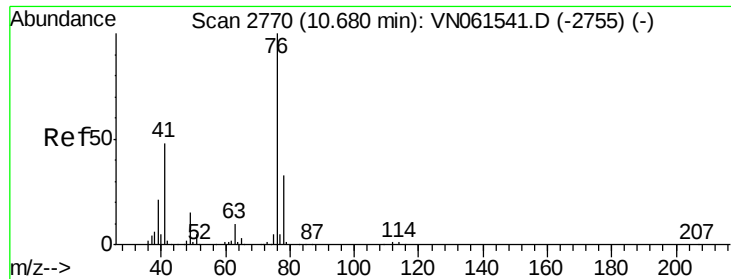


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 57.737 ug/l

RT: 10.68 min Scan# 2769

Delta R.T. -0.00 min

Lab File: VN061779.D

Acq: 12 Jun 2020 9:59

Instrument :

MSVOA_N

ClientSampleId :

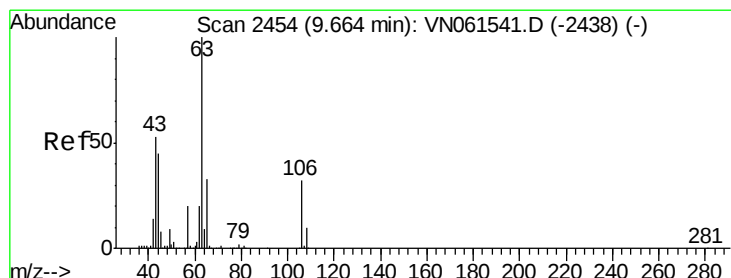
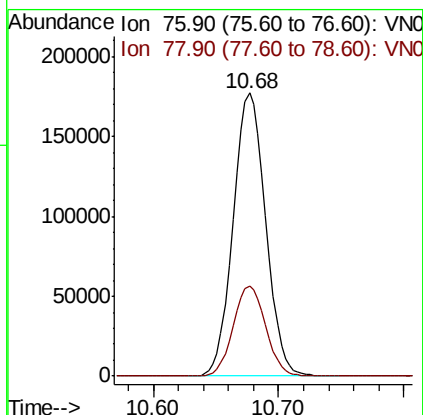
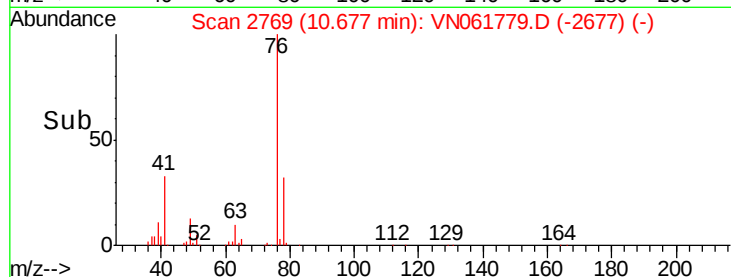
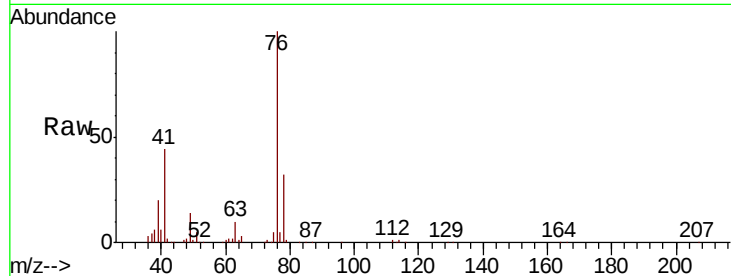
VSTDCCC050

Tot Ion: 76 Resp: 318817

Ion Ratio Lower Upper

76 100

78 32.0 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 237.204 ug/l

RT: 9.66 min Scan# 2453

Delta R.T. -0.00 min

Lab File: VN061779.D

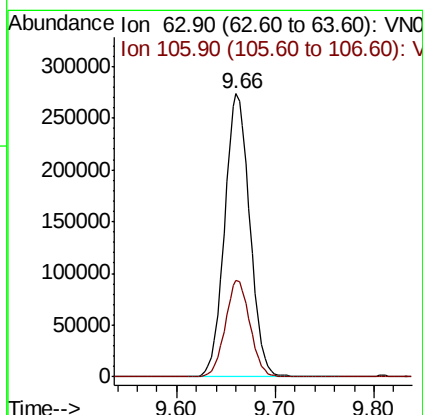
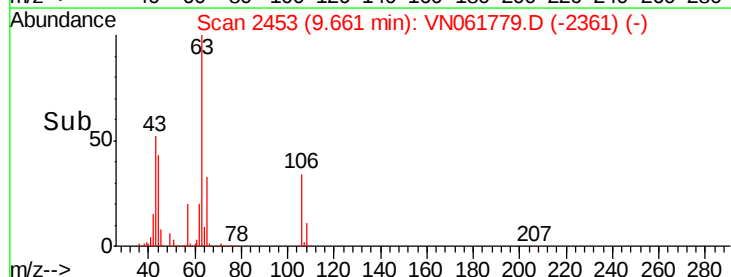
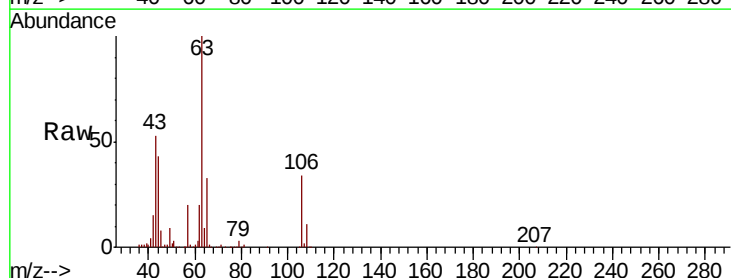
Acq: 12 Jun 2020 9:59

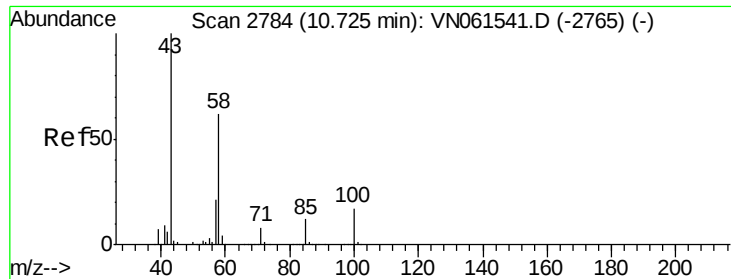
Tgt Ion: 63 Resp: 488885

Ion Ratio Lower Upper

63 100

106 33.4 25.9 38.9

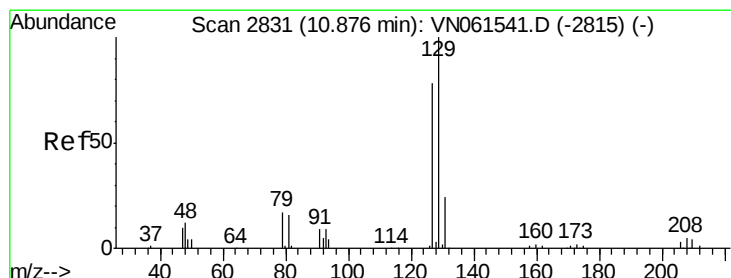
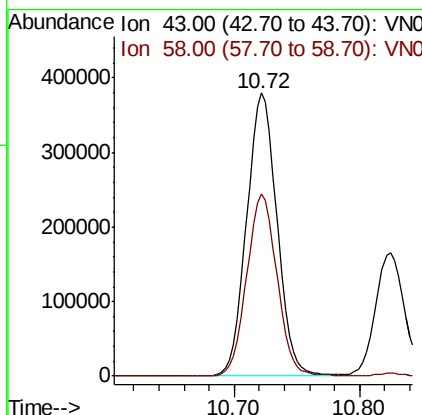
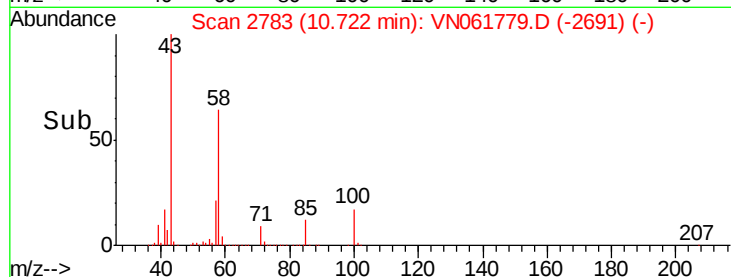
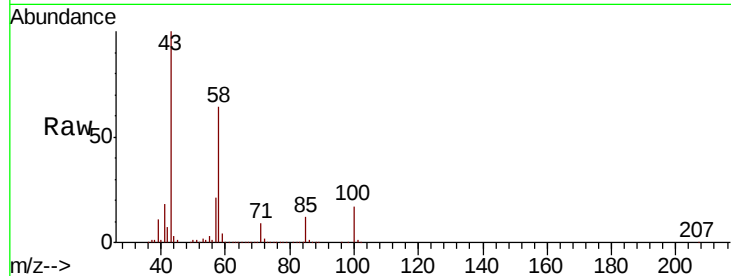




#59
2-Hexanone
Concen: 254.101 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN061779.D
Acq: 12 Jun 2020 9:59

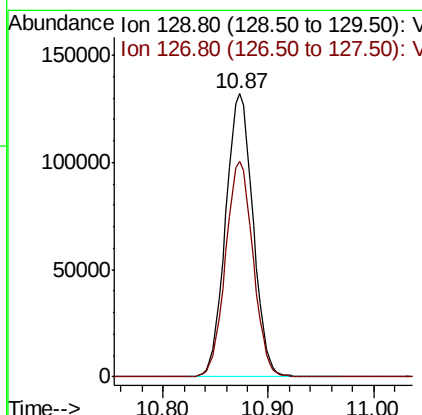
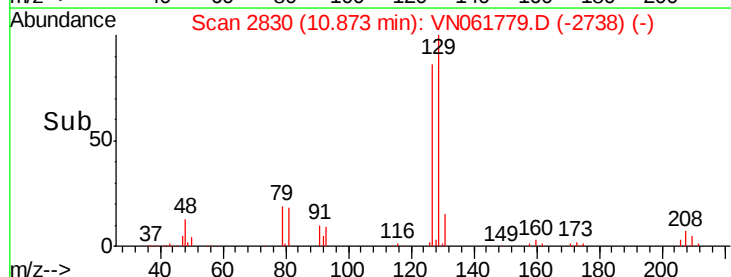
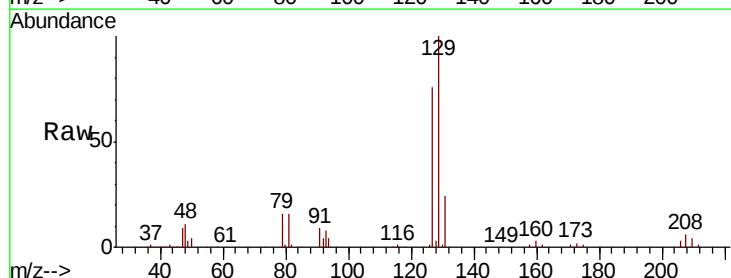
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

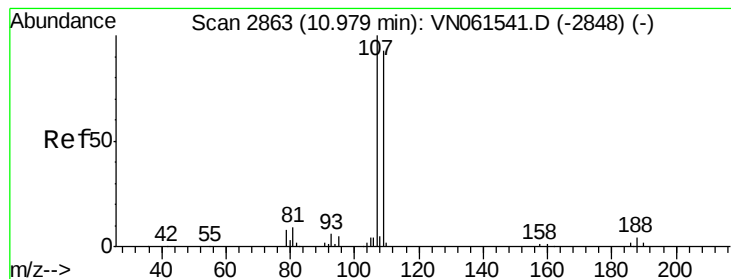
Tot Ion: 43 Resp: 641247
Ion Ratio Lower Upper
43 100
58 64.2 30.7 92.1



#60
Dibromochloromethane
Concen: 60.479 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN061779.D
Acq: 12 Jun 2020 9:59

Tgt Ion: 129 Resp: 237384
Ion Ratio Lower Upper
129 100
127 76.3 38.8 116.3





#61

1,2-Dibromoethane

Concen: 57.800 ug/l

RT: 10.98 min Scan# 2862

Delta R.T. -0.00 min

Lab File: VN061779.D

Acq: 12 Jun 2020 9:59

Instrument :

MSVOA_N

ClientSampleId :

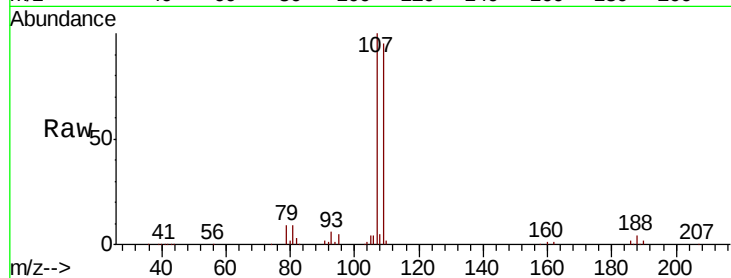
VSTDCCC050

Tot Ion:107 Resp: 208127

Ion Ratio Lower Upper

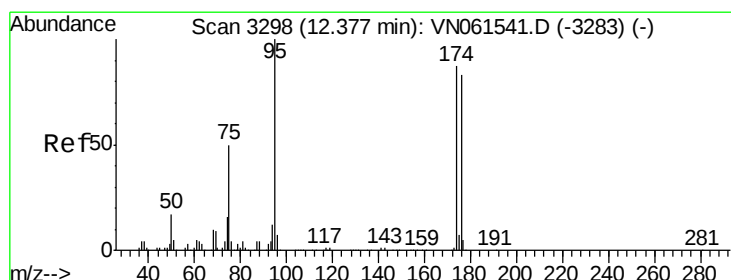
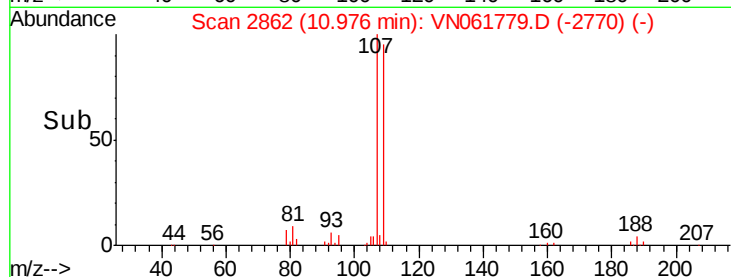
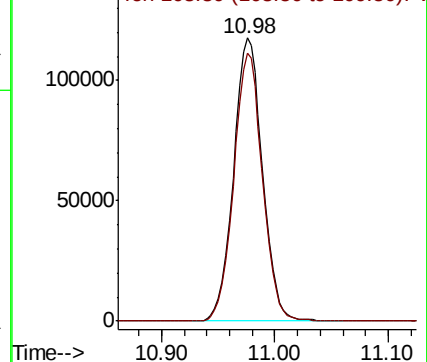
107 100

109 94.0 76.1 114.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 53.675 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. -0.00 min

Lab File: VN061779.D

Acq: 12 Jun 2020 9:59

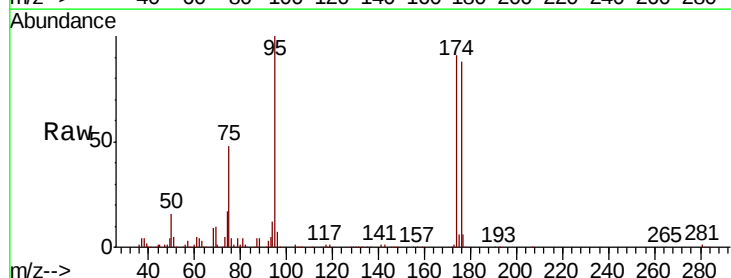
Tgt Ion: 95 Resp: 223769

Ion Ratio Lower Upper

95 100

174 92.4 0.0 172.8

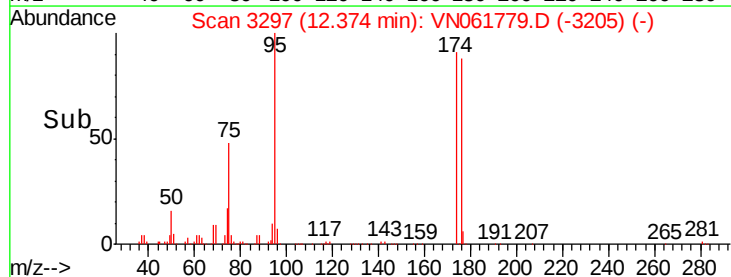
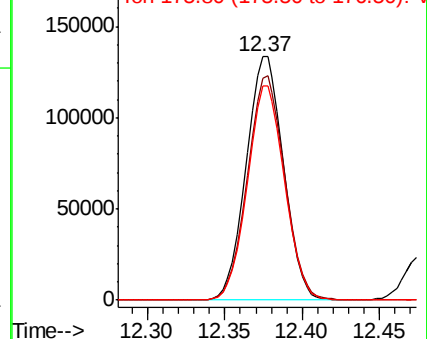
176 87.9 0.0 164.8

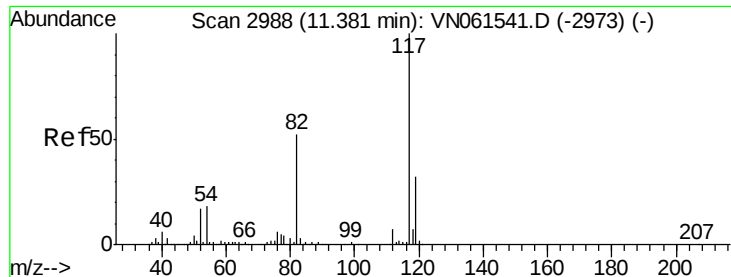


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

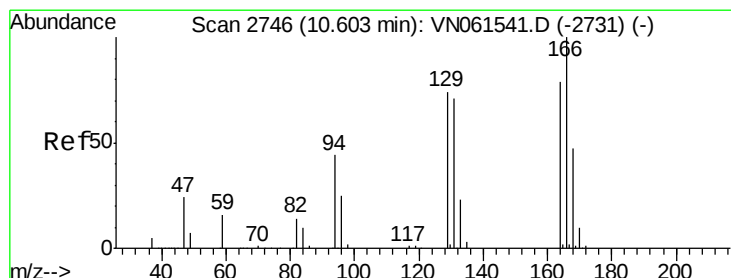
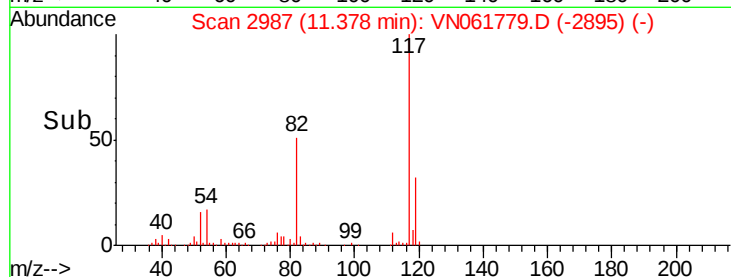
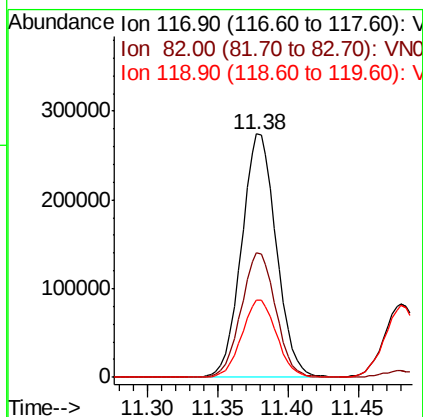
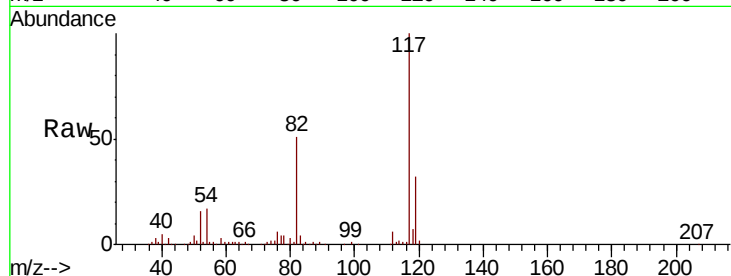




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2987
Delta R.T. -0.00 min
Lab File: VN061779.D
Acq: 12 Jun 2020 9:59

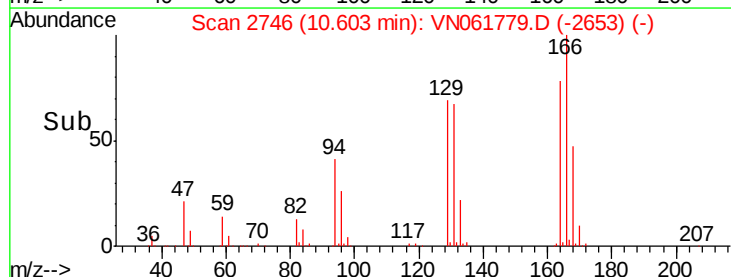
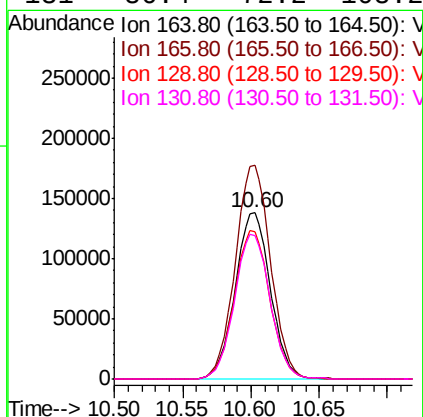
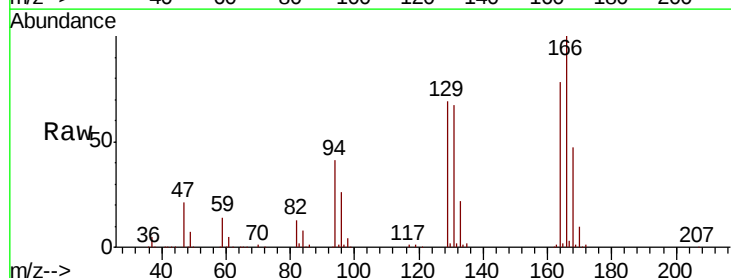
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

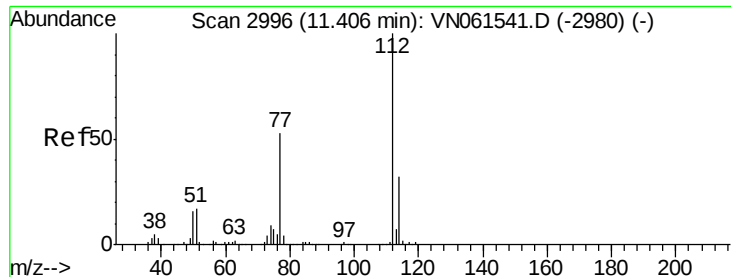
Tot Ion	Ratio	Lower	Upper
117	100		
82	51.4	41.5	62.3
119	31.6	25.6	38.4



#64
Tetrachloroethene
Concen: 55.644 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. 0.00 min
Lab File: VN061779.D
Acq: 12 Jun 2020 9:59

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.7	101.5	152.3
129	88.9	74.9	112.3
131	86.4	72.2	108.2

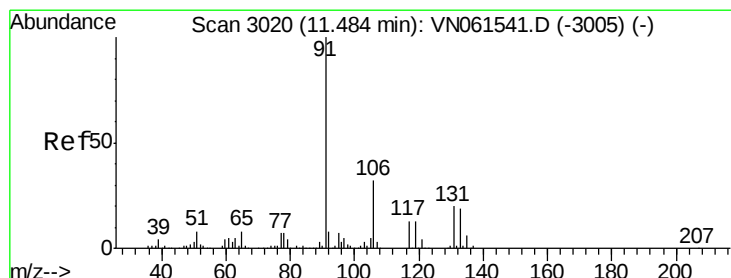
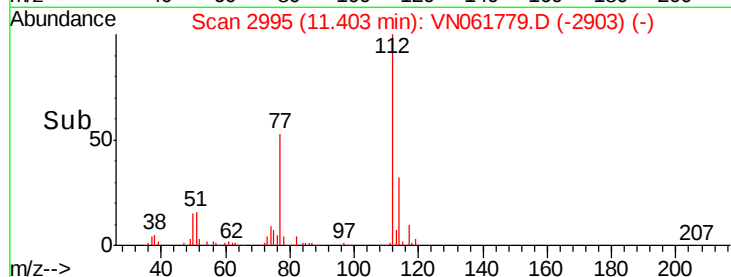
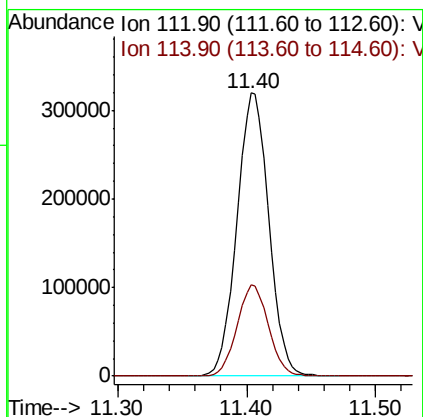
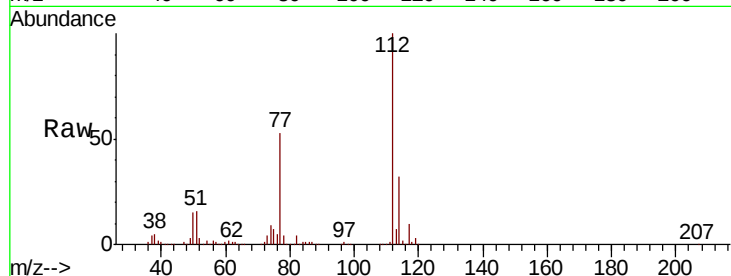




#65
Chlorobenzene
Concen: 55.827 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN061779.D
Acq: 12 Jun 2020 9:59

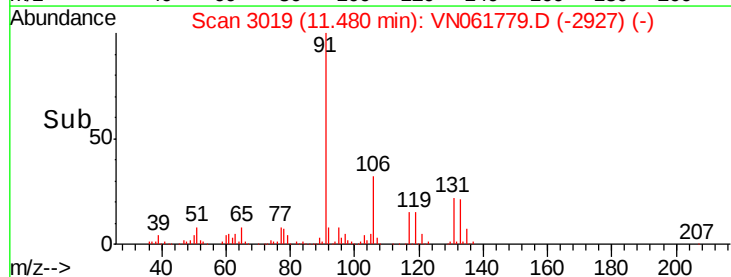
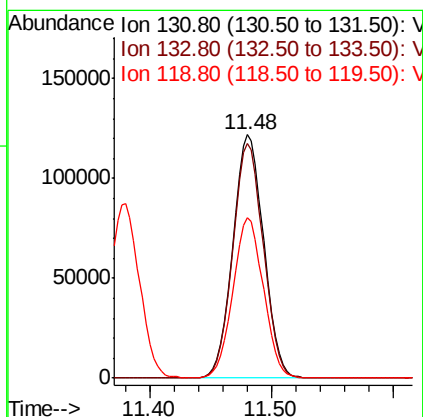
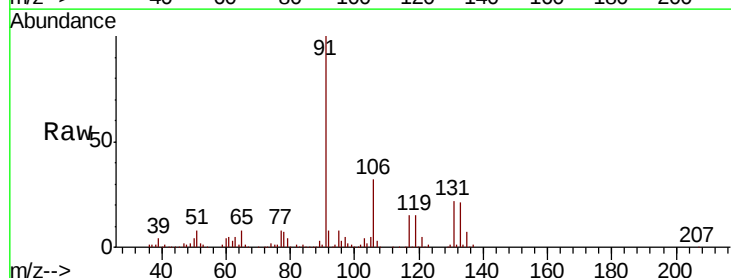
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 549311
Ion Ratio Lower Upper
112 100
114 32.2 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 58.132 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN061779.D
Acq: 12 Jun 2020 9:59

Tgt Ion:131 Resp: 212981
Ion Ratio Lower Upper
131 100
133 96.0 47.4 142.2
119 65.4 32.6 97.8

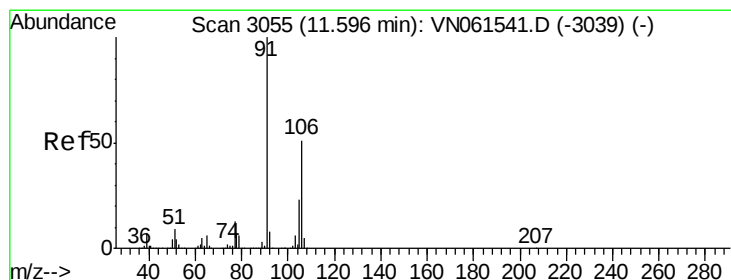
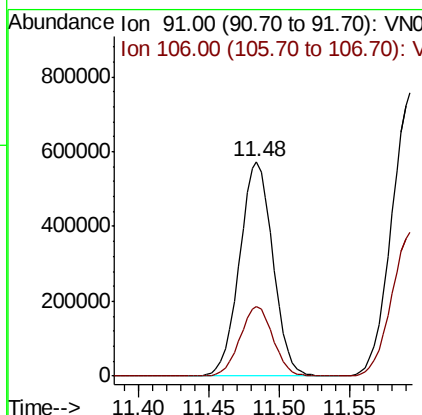
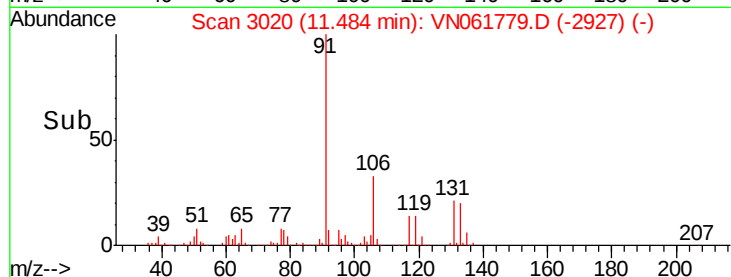
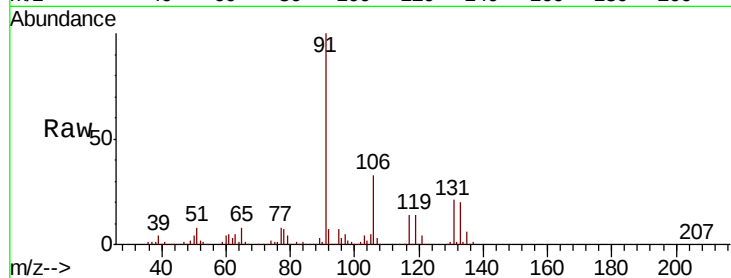




#67
Ethyl Benzene
Concen: 55.774 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN061779.D
Acq: 12 Jun 2020 9:59

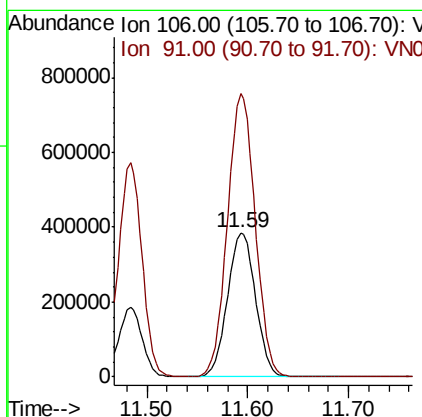
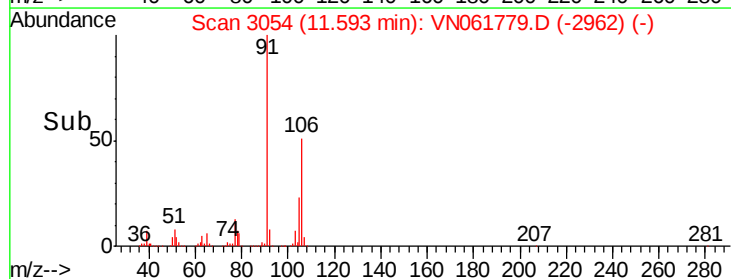
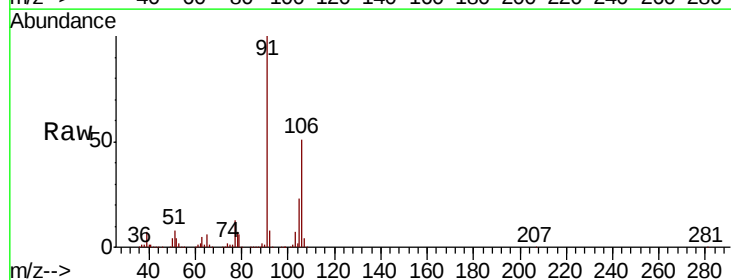
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 948518
Ion Ratio Lower Upper
91 100
106 32.5 25.6 38.4



#68
m/p-Xylenes
Concen: 110.444 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN061779.D
Acq: 12 Jun 2020 9:59

Tgt Ion: 106 Resp: 744741
Ion Ratio Lower Upper
106 100
91 194.8 156.2 234.4

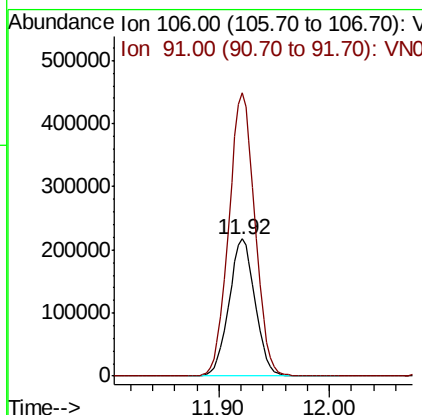
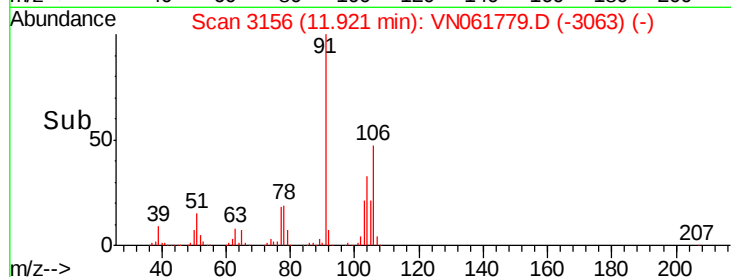
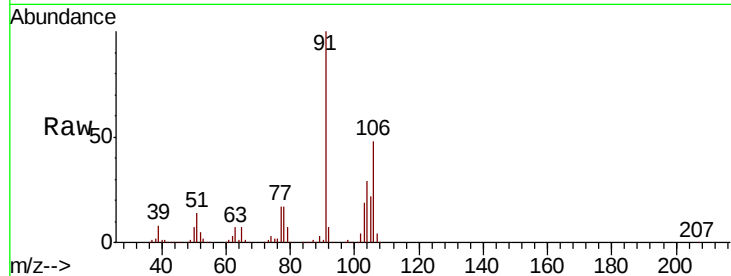




#69
o-Xylene
Concen: 55.672 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN061779.D
Acq: 12 Jun 2020 9:59

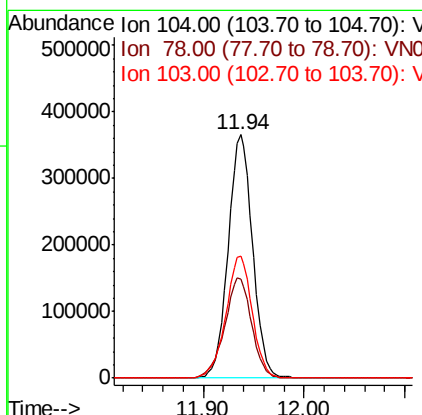
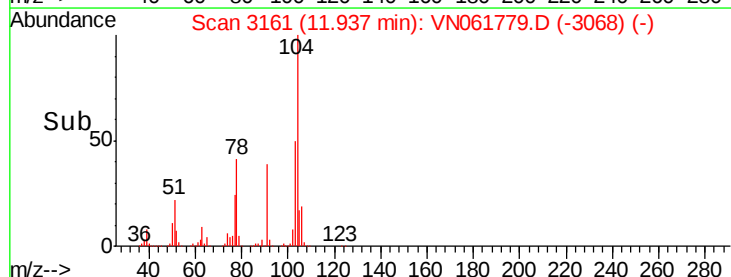
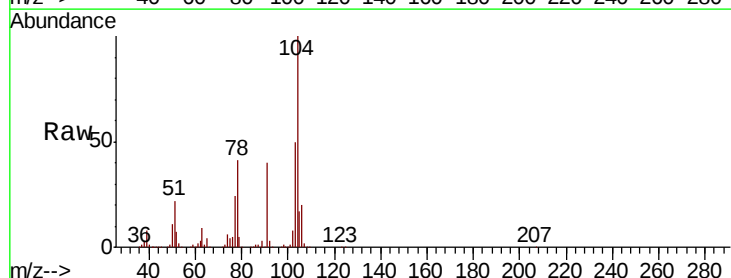
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

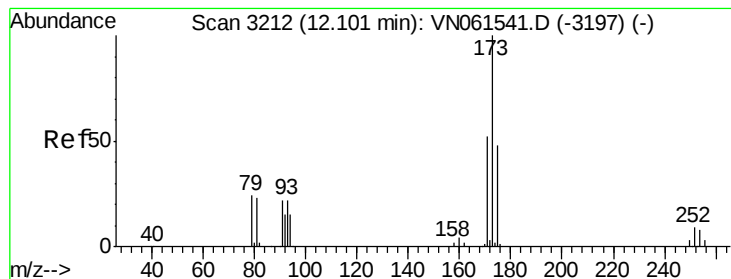
Tot Ion:106 Resp: 356560
Ion Ratio Lower Upper
106 100
91 206.3 103.3 309.8



#70
Styrene
Concen: 58.238 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN061779.D
Acq: 12 Jun 2020 9:59

Tgt Ion:104 Resp: 617691
Ion Ratio Lower Upper
104 100
78 45.5 37.4 56.0
103 54.2 42.3 63.5





#71

Bromoform

Concen: 60.240 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. 0.00 min

Lab File: VN061779.D

Acq: 12 Jun 2020 9:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

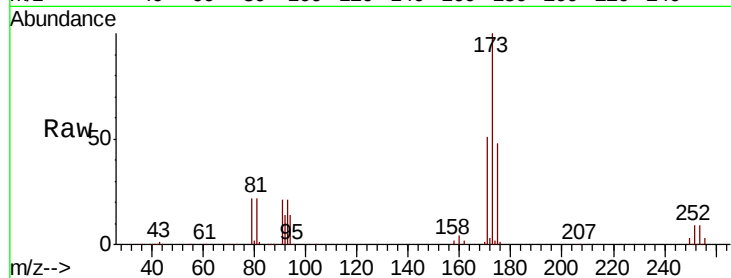
Tot Ion:173 Resp: 170066

Ion Ratio Lower Upper

173 100

175 48.3 24.4 73.2

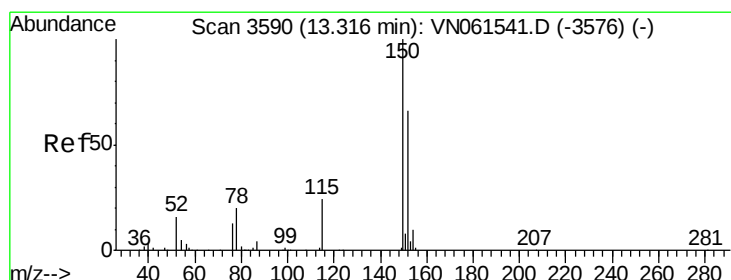
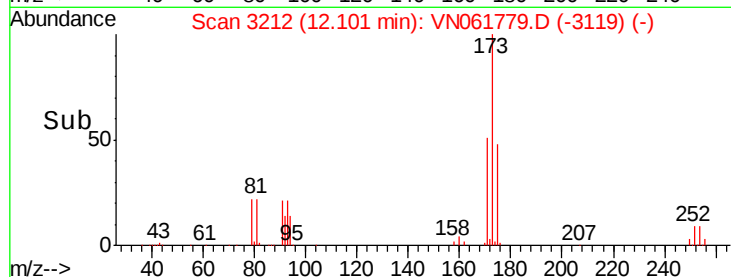
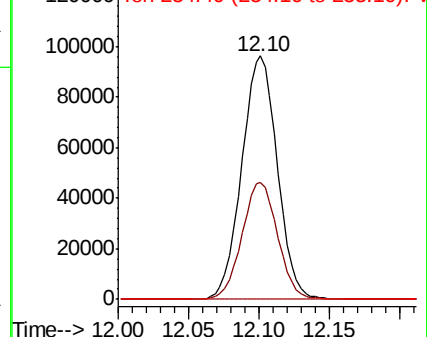
254 0.1 0.0 0.0#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN061779.D

Acq: 12 Jun 2020 9:59

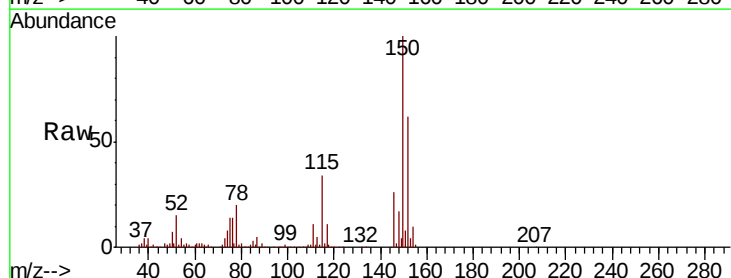
Tgt Ion:152 Resp: 248167

Ion Ratio Lower Upper

152 100

115 54.9 28.0 84.0

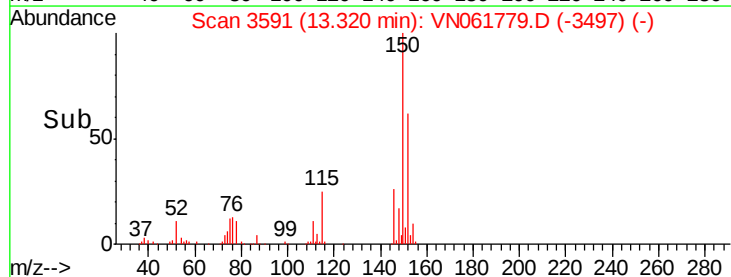
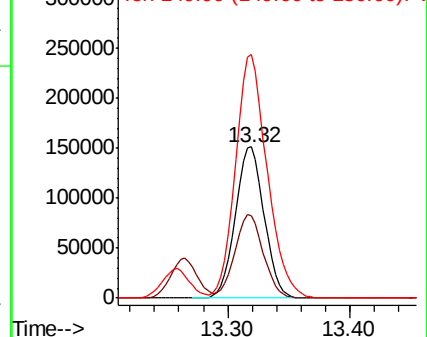
150 176.3 0.0 344.0

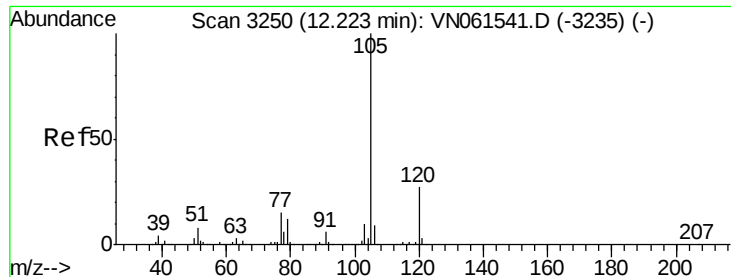


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.384 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN061779.D

Acq: 12 Jun 2020 9:59

Instrument :

MSVOA_N

ClientSampleId :

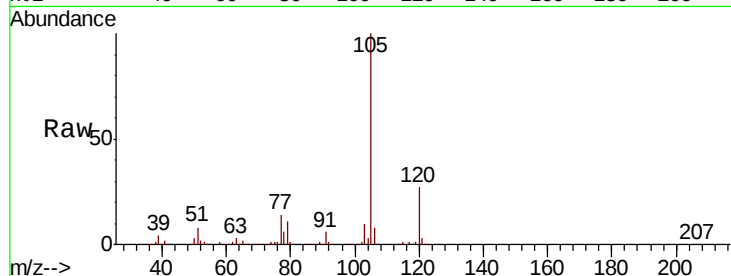
VSTDCCC050

Tot Ion:105 Resp: 948819

Ion Ratio Lower Upper

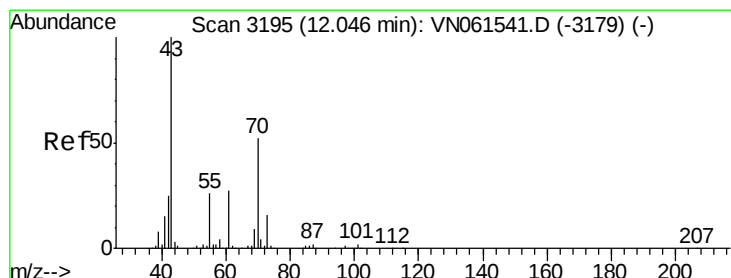
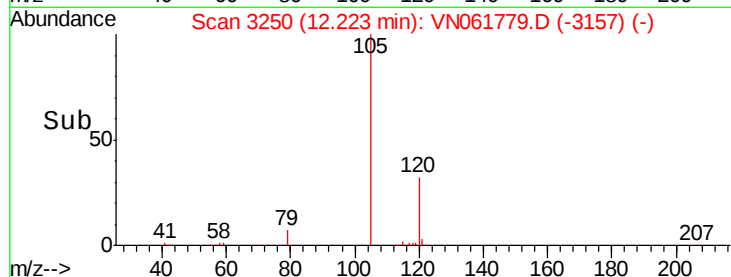
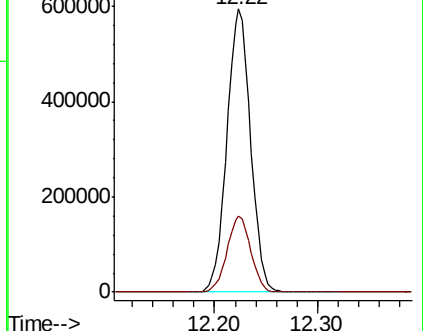
105 100

120 27.0 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 46.758 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN061779.D

Acq: 12 Jun 2020 9:59

Tgt Ion: 43 Resp: 266718

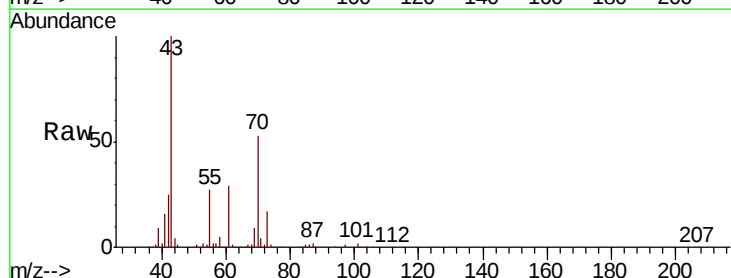
Ion Ratio Lower Upper

43 100

70 53.5 40.5 60.7

55 28.3 20.6 31.0

61 28.7 21.8 32.6

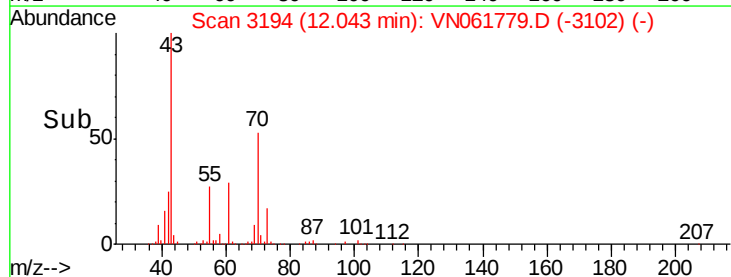
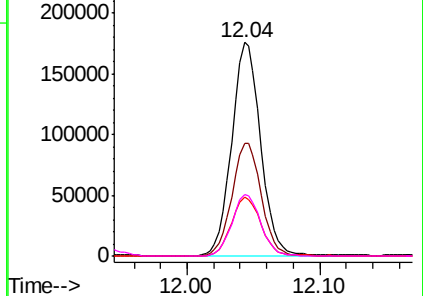


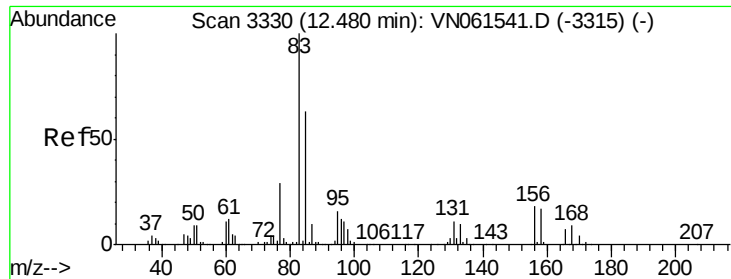
Abundance Ion 43.00 (42.70 to 43.70): V

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: 50.299 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN061779.D

Acq: 12 Jun 2020 9:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

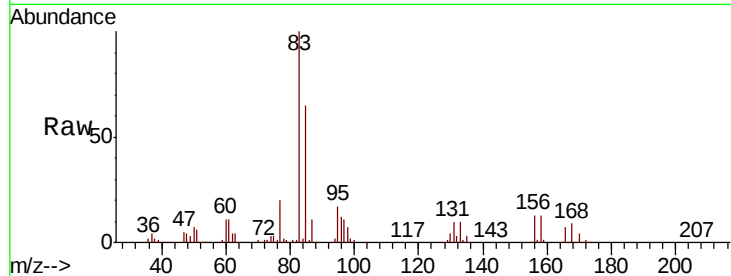
Tot Ion: 83 Resp: 255308

Ion Ratio Lower Upper

83 100

131 10.9 5.5 16.5

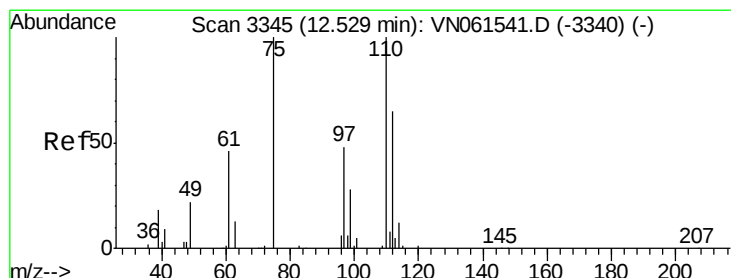
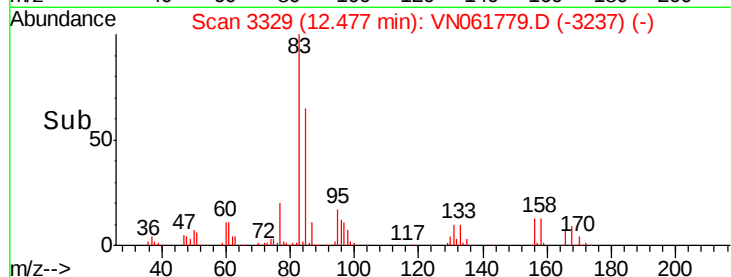
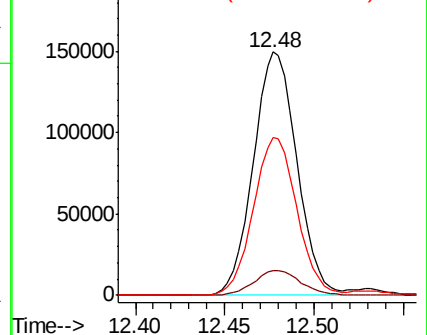
85 64.9 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VN061541.D (-3315) (-)

Ion 130.80 (130.50 to 131.50): VN061541.D (-3315) (-)

Ion 84.90 (84.60 to 85.60): VN061541.D (-3315) (-)



#76

1,2,3-Trichloropropane

Concen: 73.493 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN061779.D

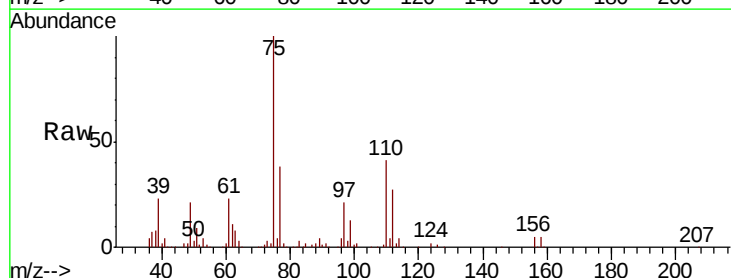
Acq: 12 Jun 2020 9:59

Tgt Ion: 75 Resp: 331645

Ion Ratio Lower Upper

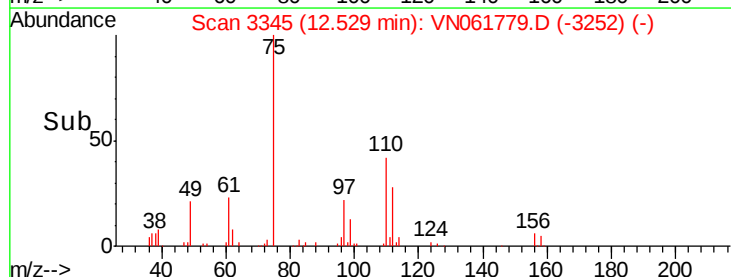
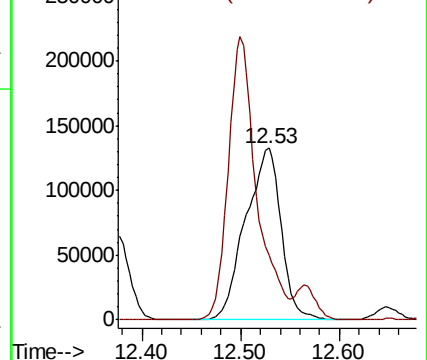
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN061541.D (-3340) (-)

Ion 77.00 (76.70 to 77.70): VN061541.D (-3340) (-)





#77

Bromobenzene

Concen: 55.276 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN061779.D

Acq: 12 Jun 2020 9:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

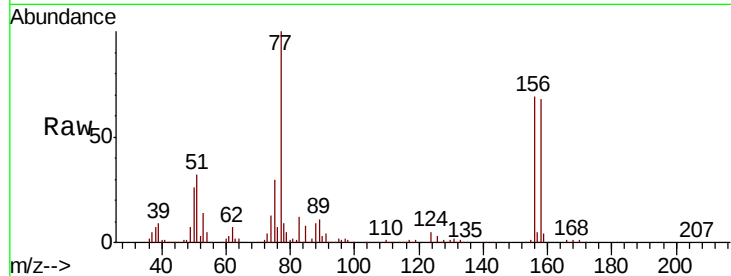
Tot Ion:156 Resp: 255568

Ion Ratio Lower Upper

156 100

77 173.4 90.9 272.7

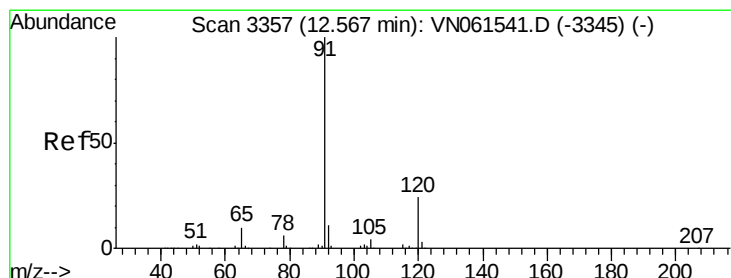
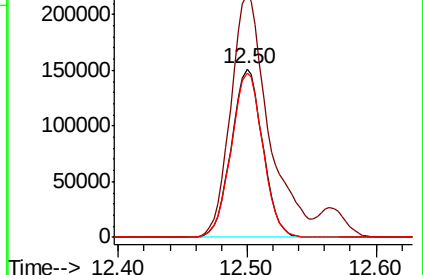
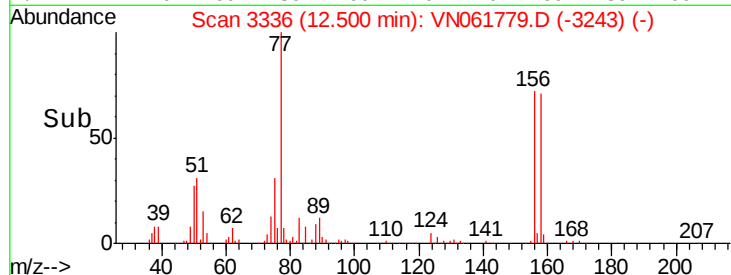
158 98.3 48.4 145.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.911 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

Lab File: VN061779.D

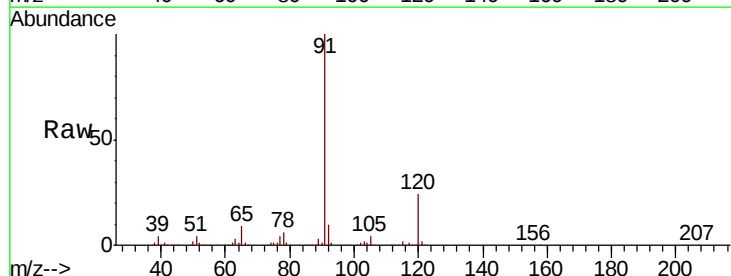
Acq: 12 Jun 2020 9:59

Tgt Ion: 91 Resp: 1069899

Ion Ratio Lower Upper

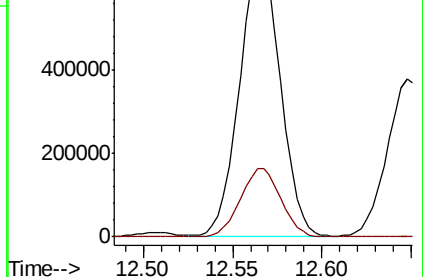
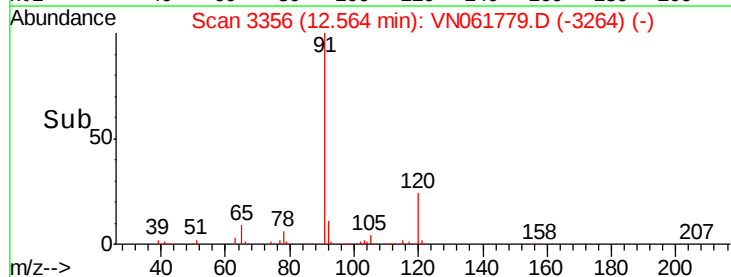
91 100

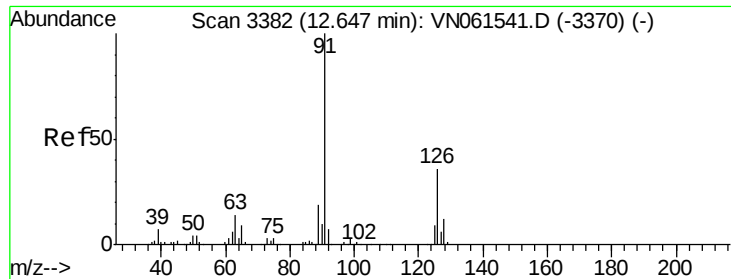
120 24.4 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

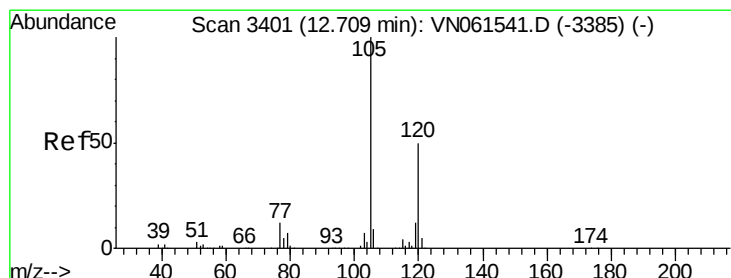
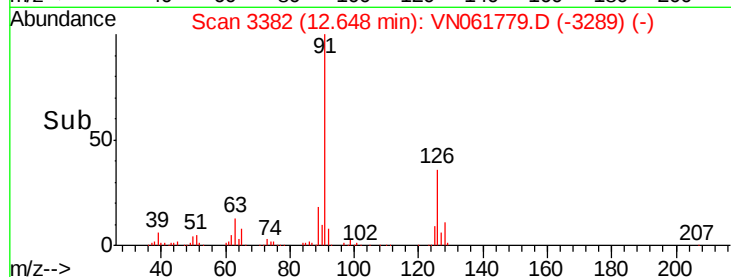
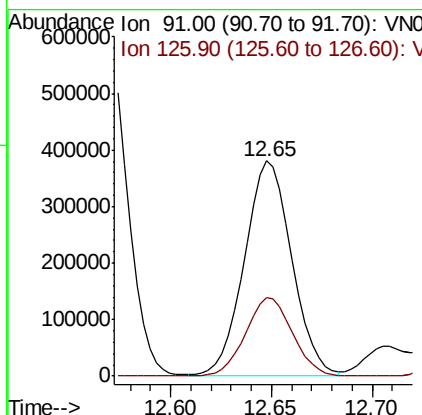
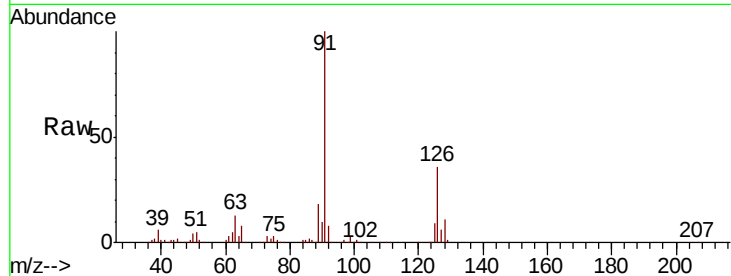




#79
 2-Chlorotoluene
 Concen: 51.464 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. 0.00 min
 Lab File: VN061779.D
 Acq: 12 Jun 2020 9:59

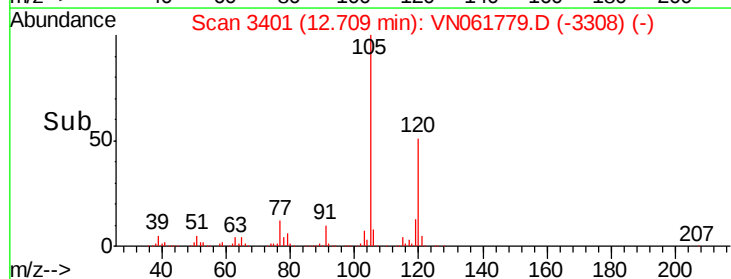
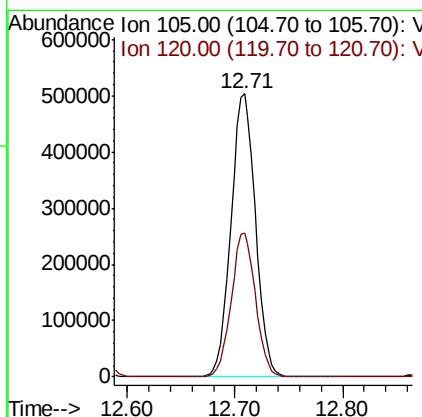
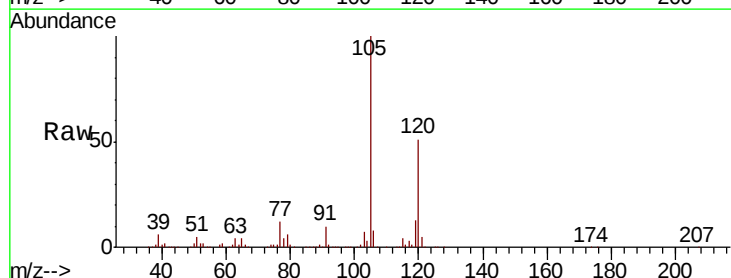
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

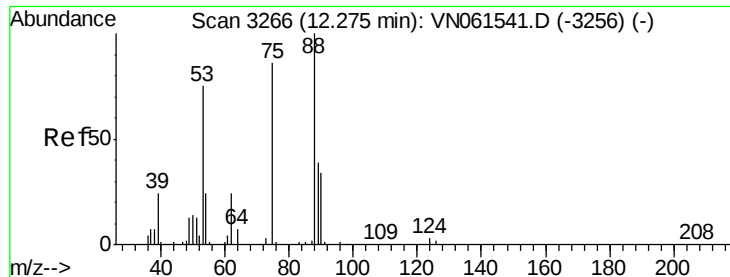
Tot Ion: 91 Resp: 620520
 Ion Ratio Lower Upper
 91 100
 126 36.5 17.9 53.7



#80
 1,3,5-Trimethylbenzene
 Concen: 52.745 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. 0.00 min
 Lab File: VN061779.D
 Acq: 12 Jun 2020 9:59

Tgt Ion: 105 Resp: 798509
 Ion Ratio Lower Upper
 105 100
 120 50.2 25.1 75.2





#81

trans-1,4-Dichloro-2-butene

Concen: 49.542 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. 0.00 min

Lab File: VN061779.D

Acq: 12 Jun 2020 9:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

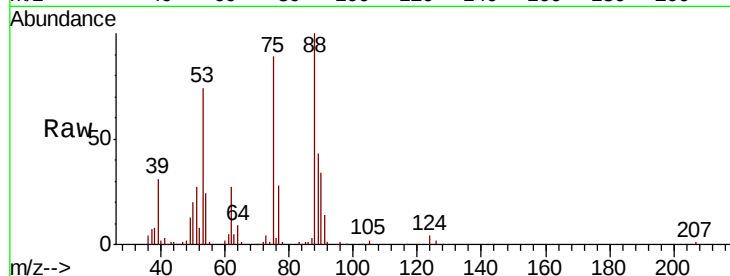
Tot Ion: 75 Resp: 87424

Ion Ratio Lower Upper

75 100

53 84.0 67.8 101.8

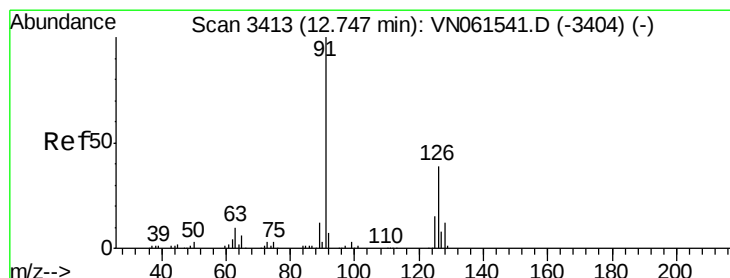
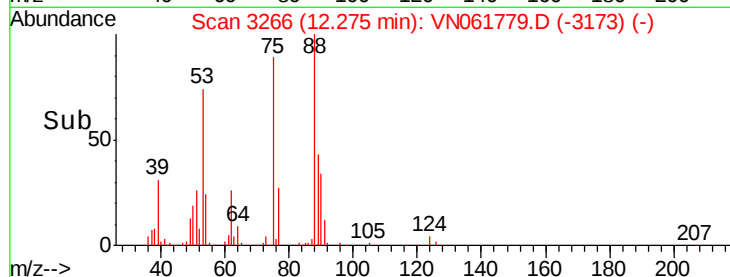
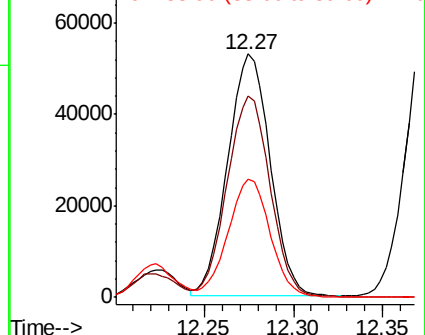
89 48.5 37.1 55.7



Abundance Ion 74.90 (74.60 to 75.60): VN061779.D (-3173) (-)

Ion 53.00 (52.70 to 53.70): VN061779.D (-3173) (-)

Ion 88.90 (88.60 to 89.60): VN061779.D (-3173) (-)



#82

4-Chlorotoluene

Concen: 51.735 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN061779.D

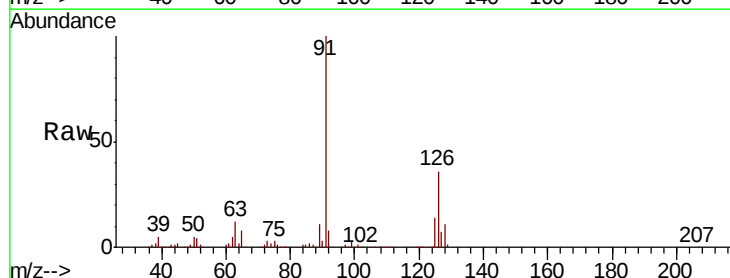
Acq: 12 Jun 2020 9:59

Tgt Ion: 91 Resp: 656227

Ion Ratio Lower Upper

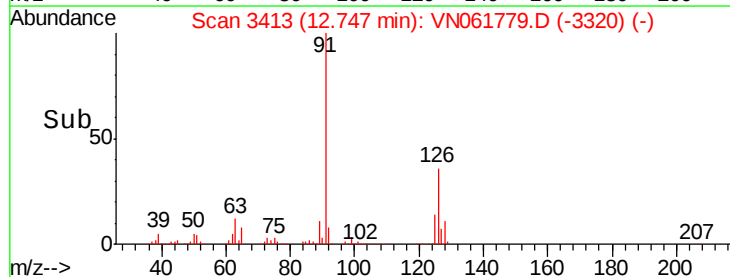
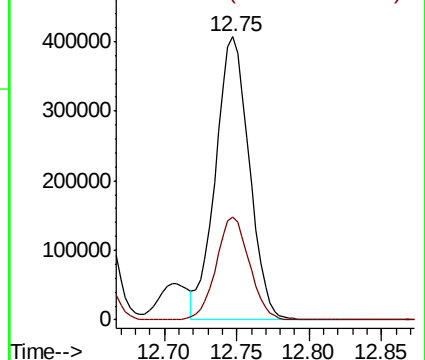
91 100

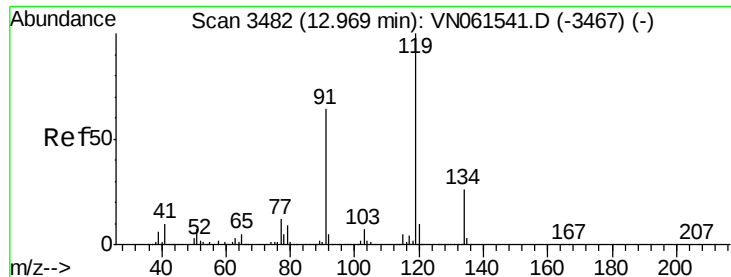
126 36.1 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): VN061779.D (-3320) (-)

Ion 125.90 (125.60 to 126.60): VN061779.D (-3320) (-)

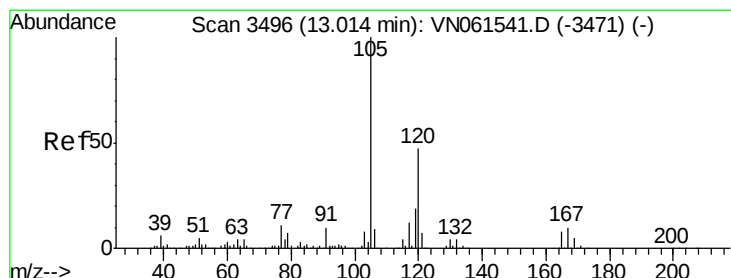
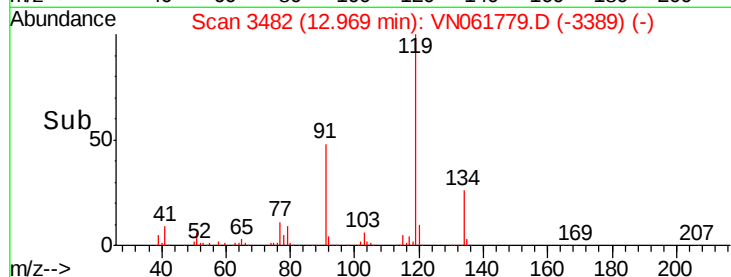
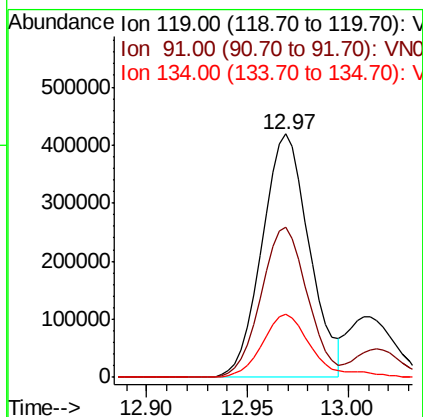
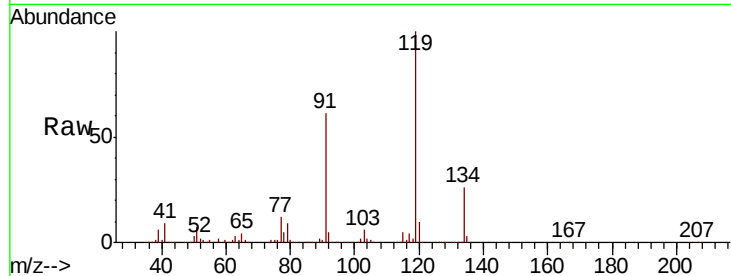




#83
tert-Butylbenzene
Concen: 51.092 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. 0.00 min
Lab File: VN061779.D
Acq: 12 Jun 2020 9:59

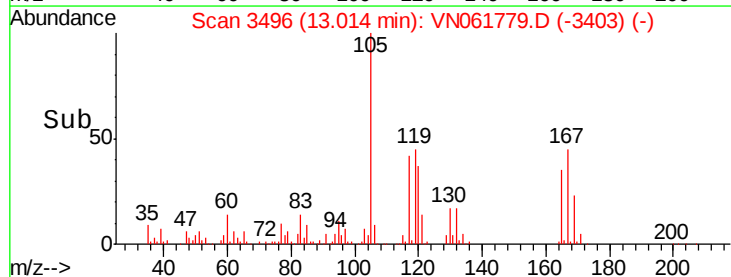
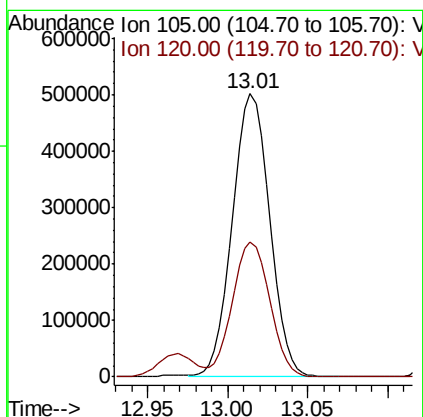
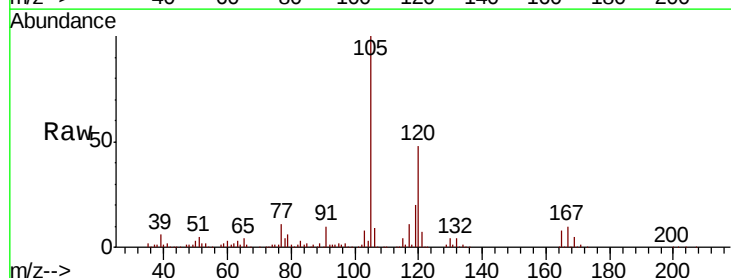
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:119 Resp: 683404
Ion Ratio Lower Upper
119 100
91 60.4 31.3 93.8
134 27.1 13.5 40.4



#84
1,2,4-Trimethylbenzene
Concen: 52.811 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. 0.00 min
Lab File: VN061779.D
Acq: 12 Jun 2020 9:59

Tgt Ion:105 Resp: 794269
Ion Ratio Lower Upper
105 100
120 48.2 23.2 69.5





#85

sec-Butylbenzene

Concen: 51.988 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. 0.00 min

Lab File: VN061779.D

Acq: 12 Jun 2020 9:59

Instrument :

MSVOA_N

ClientSampleId :

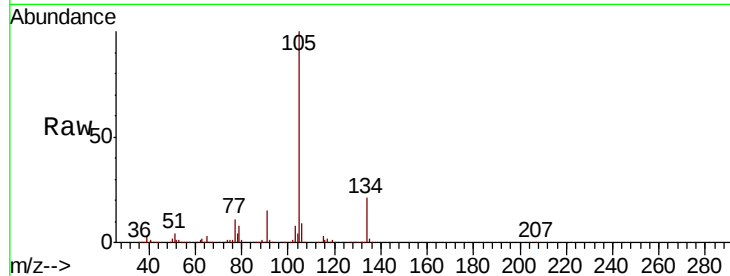
VSTDCCC050

Tot Ion:105 Resp: 896078

Ion Ratio Lower Upper

105 100

134 20.9 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.15

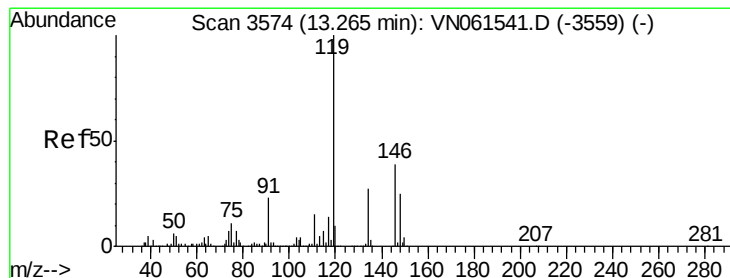
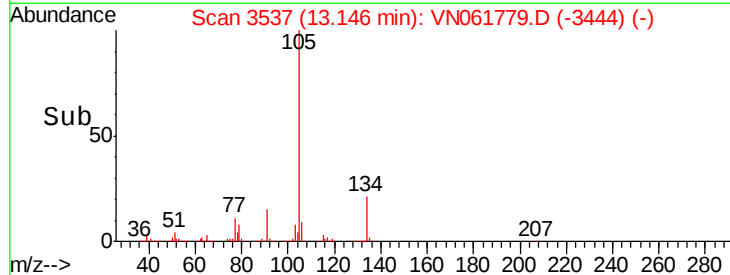
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 53.040 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. 0.00 min

Lab File: VN061779.D

Acq: 12 Jun 2020 9:59

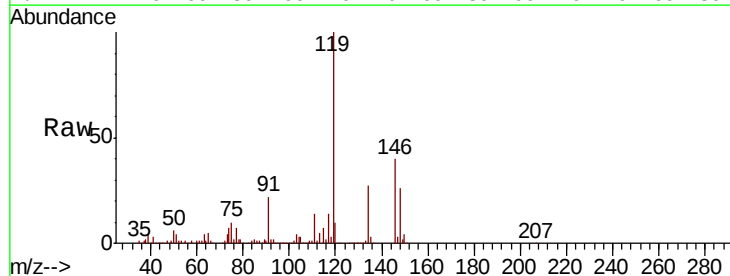
Tgt Ion:119 Resp: 841911

Ion Ratio Lower Upper

119 100

134 26.8 13.5 40.5

91 21.8 11.4 34.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.26

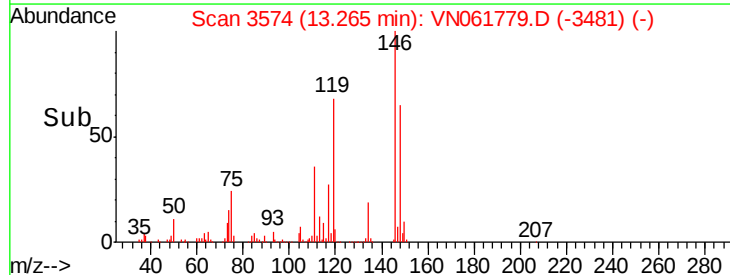
600000

400000

200000

0

Time-->

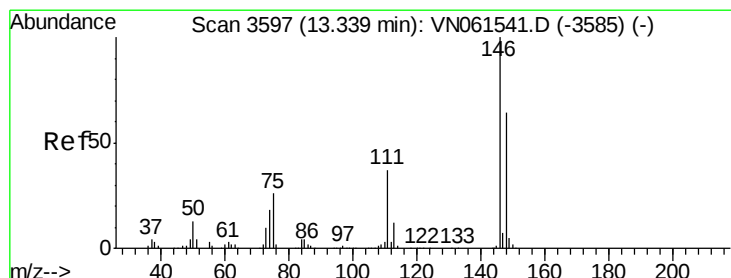
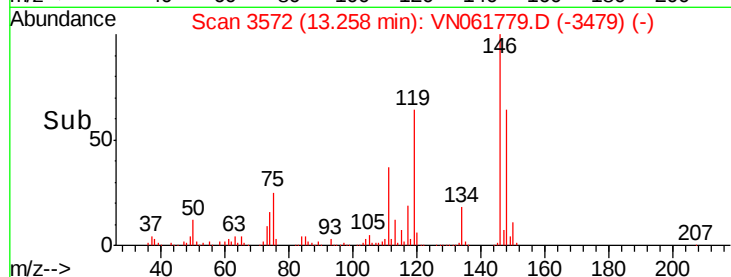
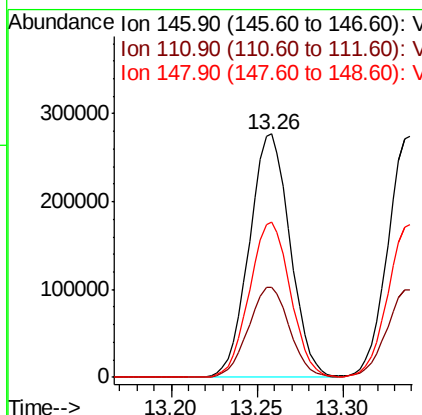
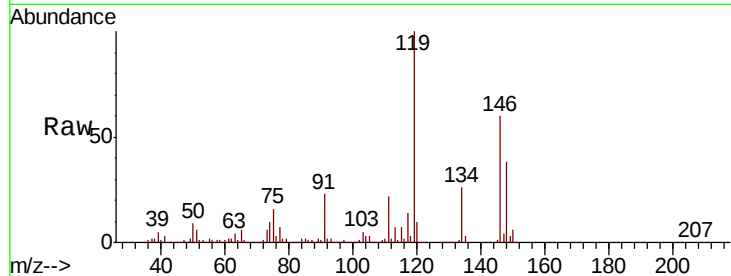




#87
 1,3-Dichlorobenzene
 Concen: 55.696 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VN061779.D
 Acq: 12 Jun 2020 9:59

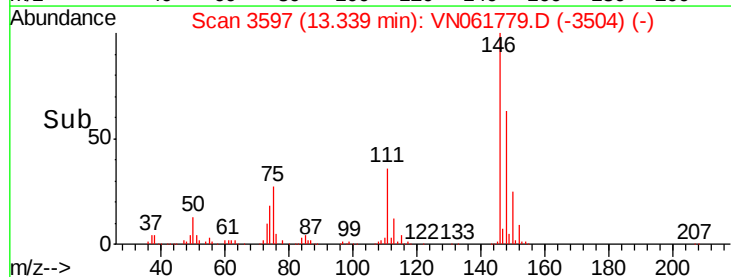
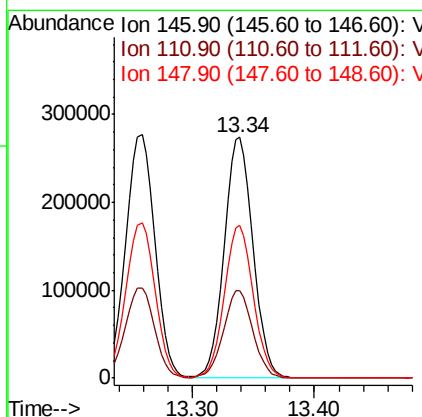
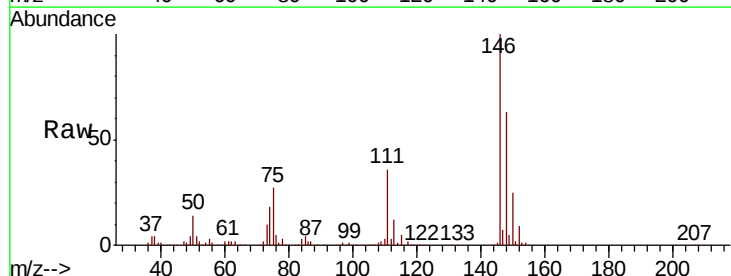
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

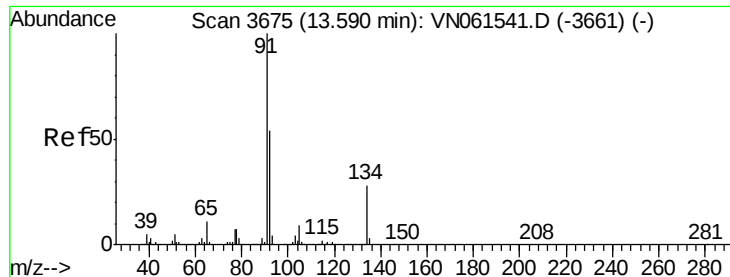
Tot Ion:146 Resp: 455999
 Ion Ratio Lower Upper
 146 100
 111 37.3 19.2 57.6
 148 64.0 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 54.328 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN061779.D
 Acq: 12 Jun 2020 9:59

Tgt Ion:146 Resp: 453125
 Ion Ratio Lower Upper
 146 100
 111 36.8 18.9 56.9
 148 63.6 31.8 95.3

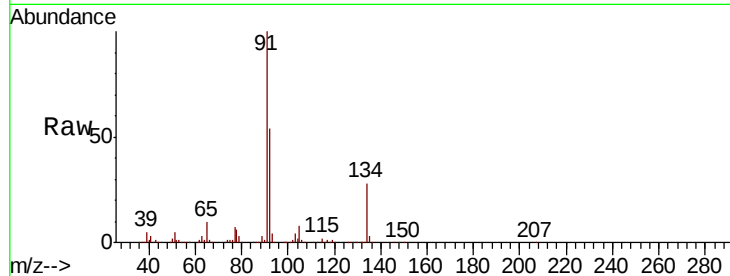




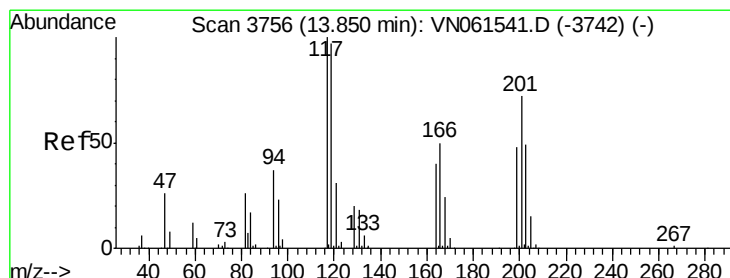
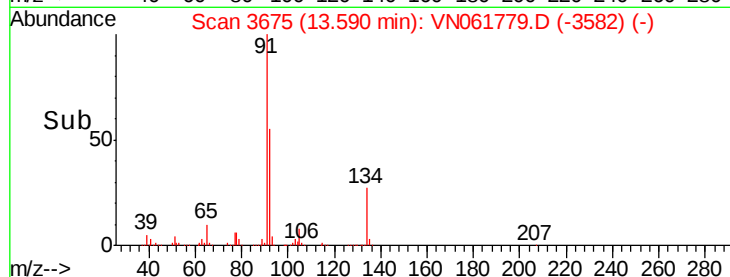
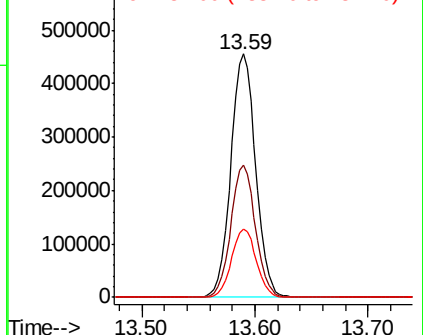
#89
n-Butylbenzene
Concen: 52.248 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. 0.00 min
Lab File: VN061779.D
Acq: 12 Jun 2020 9:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 694649
Ion Ratio Lower Upper
91 100
92 53.7 27.2 81.6
134 28.2 14.0 42.0

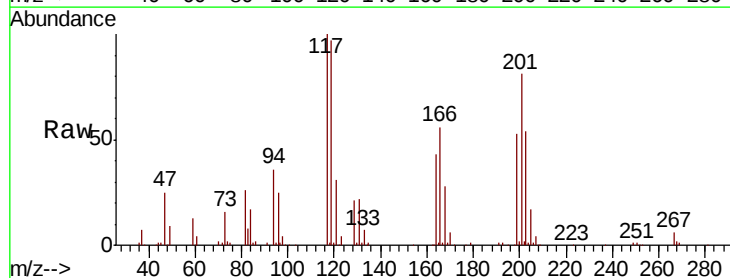


Abundance Ion 91.00 (90.70 to 91.70): VN061541.D (-3661) (-)
Ion 92.00 (91.70 to 92.70): VN061541.D (-3661) (-)
Ion 134.00 (133.70 to 134.70): VN061541.D (-3661) (-)

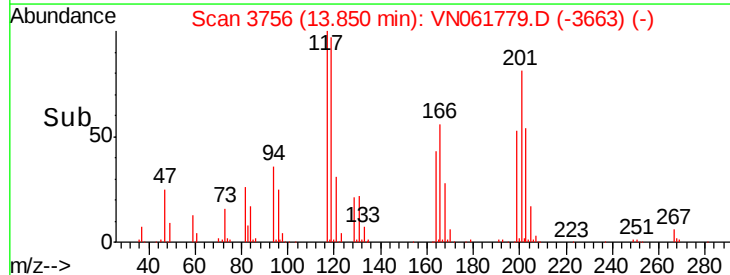
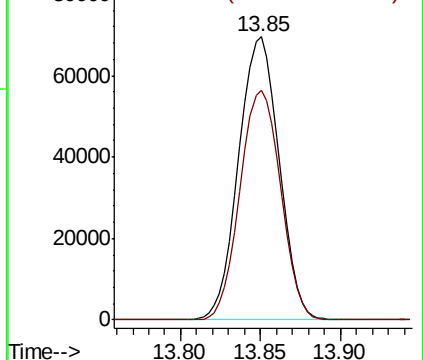


#90
Hexachloroethane
Concen: 68.411 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. 0.00 min
Lab File: VN061779.D
Acq: 12 Jun 2020 9:59

Tgt Ion: 117 Resp: 120090
Ion Ratio Lower Upper
117 100
201 81.5 36.7 110.1



Abundance Ion 116.80 (116.50 to 117.50): VN061541.D (-3742) (-)
Ion 200.70 (200.40 to 201.40): VN061541.D (-3742) (-)





#91

1,2-Dichlorobenzene

Concen: 55.214 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. 0.00 min

Lab File: VN061779.D

Acq: 12 Jun 2020 9:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

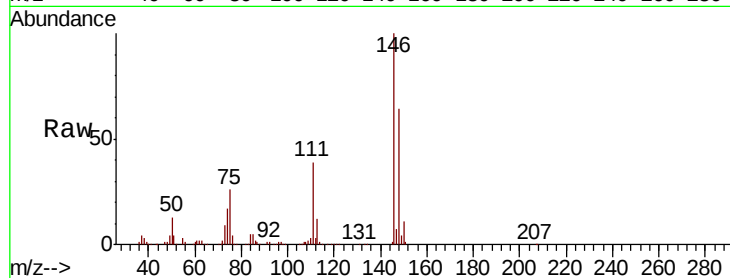
Tot Ion:146 Resp: 432002

Ion Ratio Lower Upper

146 100

111 38.9 20.1 60.2

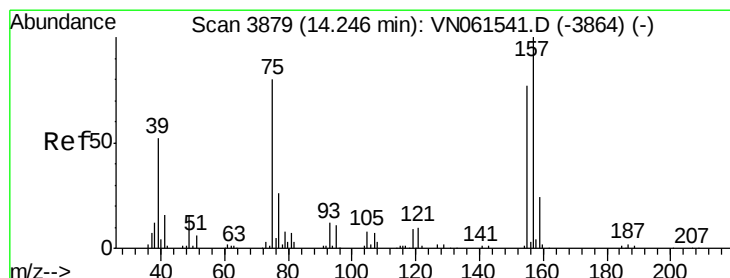
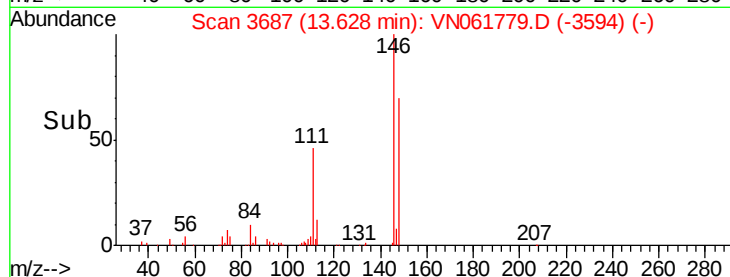
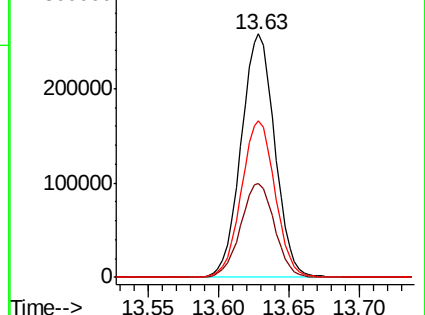
148 64.5 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 43.150 ug/l

RT: 14.24 min Scan# 3878

Delta R.T. -0.00 min

Lab File: VN061779.D

Acq: 12 Jun 2020 9:59

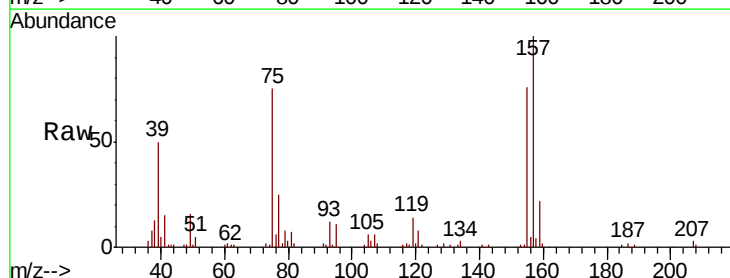
Tgt Ion: 75 Resp: 44668

Ion Ratio Lower Upper

75 100

155 103.7 47.1 141.4

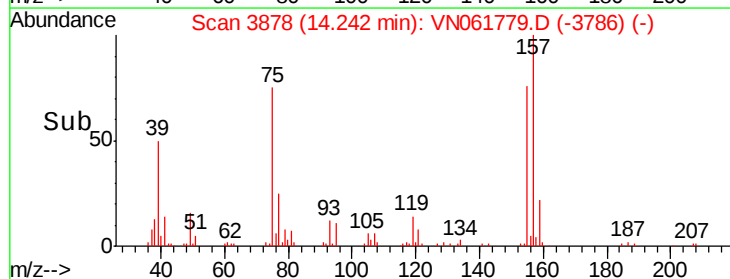
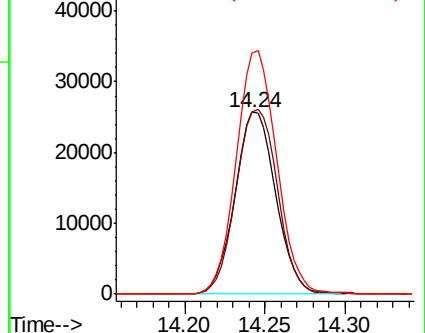
157 132.8 60.3 180.8



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

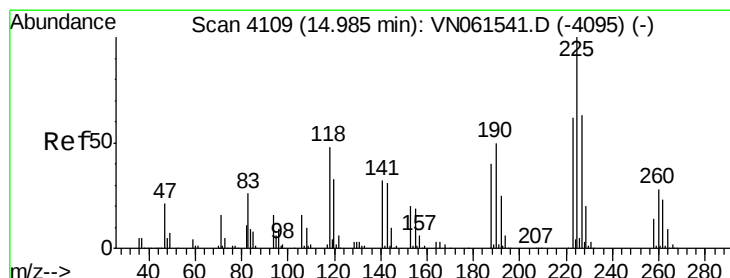
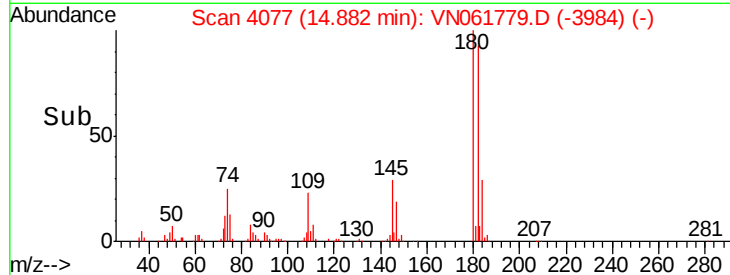
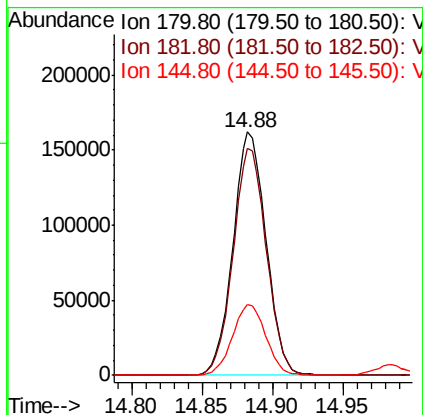
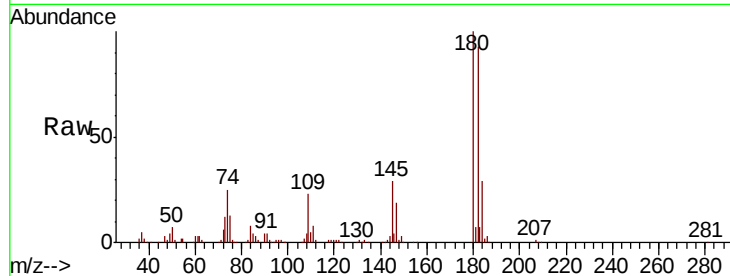




#93
 1,2,4-Trichlorobenzene
 Concen: 58.193 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN061779.D
 Acq: 12 Jun 2020 9:59

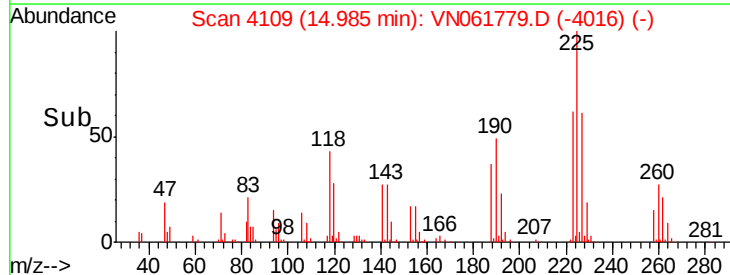
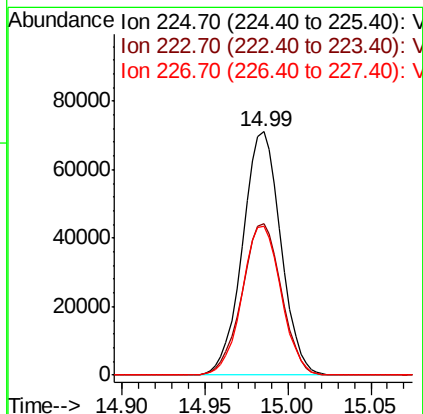
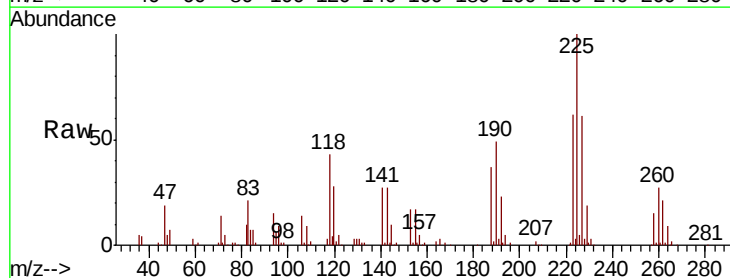
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:180 Resp: 266284
 Ion Ratio Lower Upper
 180 100
 182 93.7 47.8 143.3
 145 29.4 15.5 46.5



#94
 Hexachlorobutadiene
 Concen: 58.360 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN061779.D
 Acq: 12 Jun 2020 9:59

Tgt Ion:225 Resp: 113894
 Ion Ratio Lower Upper
 225 100
 223 64.1 31.9 95.5
 227 62.5 31.9 95.9





#95

Naphthalene

Concen: 51.362 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN061779.D

Acq: 12 Jun 2020 9:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

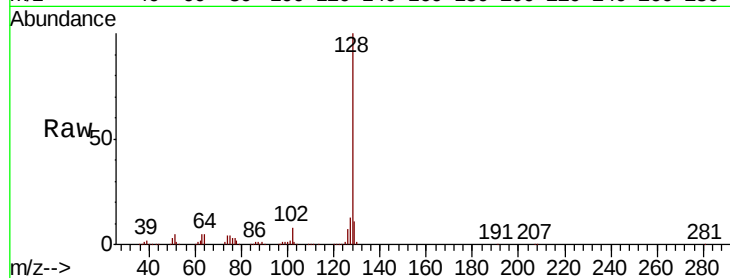
Tot Ion:128 Resp: 715364

Ion Ratio Lower Upper

128 100

127 12.9 10.0 15.0

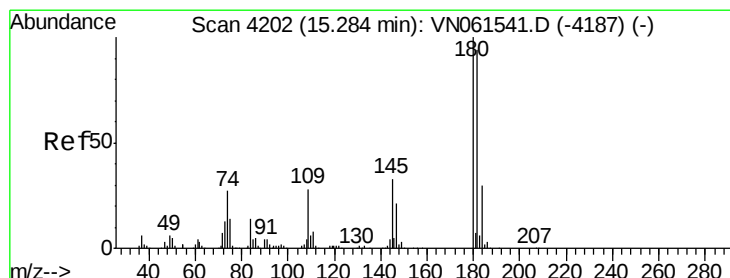
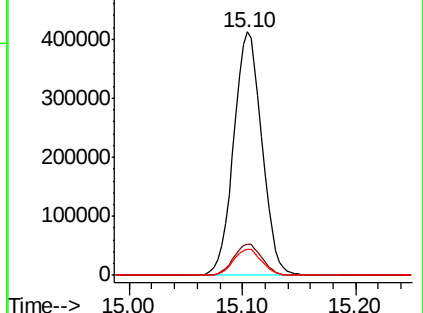
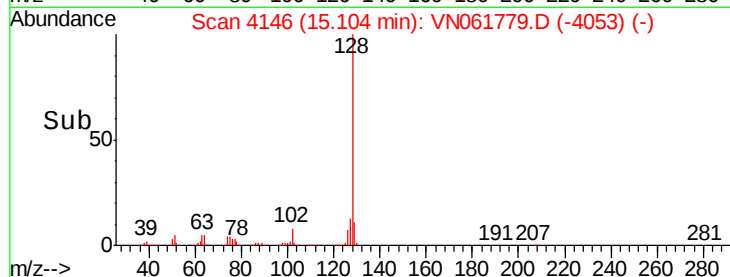
129 10.8 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 57.363 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. 0.00 min

Lab File: VN061779.D

Acq: 12 Jun 2020 9:59

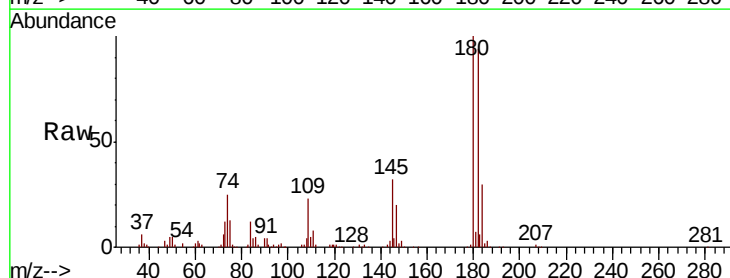
Tgt Ion:180 Resp: 258079

Ion Ratio Lower Upper

180 100

182 94.8 47.1 141.3

145 31.1 16.3 48.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

