

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073020\
 Data File : VN062658.D
 Acq On : 30 Jul 2020 9:16
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 31 04:02:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 18:48:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	175696	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	269374	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	256829	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	126979	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.98	65	128845	47.21	ug/l	0.00
Spiked Amount			Recovery	=	94.42%	
35) Dibromofluoromethane	7.54	113	88677	50.12	ug/l	0.00
Spiked Amount			Recovery	=	100.24%	
50) Toluene-d8	10.06	98	345664	48.96	ug/l	0.00
Spiked Amount			Recovery	=	97.92%	
62) 4-Bromofluorobenzene	12.37	95	132329	51.26	ug/l	0.00
Spiked Amount			Recovery	=	102.52%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	98178	46.847	ug/l	97
3) Chloromethane	2.03	50	109959	38.684	ug/l	100
4) Vinyl Chloride	2.16	62	100616	40.832	ug/l	99
5) Bromomethane	2.51	94	52807	48.384	ug/l	96
6) Chloroethane	2.66	64	55888	50.140	ug/l	97
7) Trichlorofluoromethane	2.98	101	153611	53.095	ug/l	99
8) Diethyl Ether	3.37	74	52585	38.868	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.71	101	83209	44.858	ug/l	98
10) Methyl Iodide	3.91	142	116333	49.056	ug/l	96
11) Tert butyl alcohol	4.73	59	84997	195.761	ug/l	98
12) 1,1-Dichloroethene	3.69	96	78648	41.806	ug/l	98
13) Acrolein	3.56	56	73867	166.066	ug/l	100
14) Allyl chloride	4.27	41	170734	41.956	ug/l	93
15) Acrylonitrile	4.93	53	255604	219.788	ug/l	99
16) Acetone	3.77	43	304137	296.119	ug/l	98
17) Carbon Disulfide	4.00	76	257249	41.618	ug/l	99
18) Methyl Acetate	4.27	43	121481	46.721	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	325607	47.025	ug/l	98
20) Methylene Chloride	4.50	84	106531	43.246	ug/l	99
21) trans-1,2-Dichloroethene	4.98	96	94944	45.472	ug/l	99
22) Diisopropyl ether	5.90	45	355982	44.009	ug/l	97
23) Vinyl Acetate	5.84	43	1475535	222.628	ug/l	99
24) 1,1-Dichloroethane	5.79	63	197645	45.375	ug/l	99
25) 2-Butanone	6.78	43	377435	241.295	ug/l	99
26) 2,2-Dichloropropane	6.77	77	182194	50.953	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	108375	45.487	ug/l	99
28) Bromochloromethane	7.14	49	95178	44.401	ug/l	95
29) Tetrahydrofuran	7.16	42	220473	208.302	ug/l	96
30) Chloroform	7.32	83	199449	48.159	ug/l	99
31) Cyclohexane	7.61	56	172865	42.983	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	177153	51.234	ug/l	99
36) 1,1-Dichloropropene	7.75	75	150885	52.550	ug/l	99
37) Ethyl Acetate	6.88	43	142017	45.885	ug/l	100
38) Carbon Tetrachloride	7.73	117	157203	56.960	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	162744	52.655	ug/l	97
40) Benzene	8.00	78	427836	49.219	ug/l	98
41) Methacrylonitrile	7.12	41	48880	36.850	ug/l #	83
42) 1,2-Dichloroethane	8.08	62	172543	54.294	ug/l	98
43) Isopropyl Acetate	8.12	43	239387	47.979	ug/l	99
44) Trichloroethene	8.80	130	99007	50.507	ug/l	99
45) 1,2-Dichloropropane	9.08	63	116905	47.900	ug/l	100
46) Dibromomethane	9.17	93	72662	51.511	ug/l	97
47) Bromodichloromethane	9.37	83	160663	52.572	ug/l	98
48) Methyl methacrylate	9.16	41	116121	48.959	ug/l	99
49) 1,4-Dioxane	9.17	88	33272	913.357	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	730052	244.543	ug/l	99
52) Toluene	10.12	92	264459	52.394	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	181033	53.213	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	189318	51.861	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	102224	52.212	ug/l	96
56) Ethyl methacrylate	10.40	69	162991	46.491	ug/l	97
57) 1,3-Dichloropropane	10.68	76	182057	50.757	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	248994	236.015	ug/l	100
59) 2-Hexanone	10.72	43	569560	246.730	ug/l	100
60) Dibromochloromethane	10.87	129	120273	55.066	ug/l	100
61) 1,2-Dibromoethane	10.98	107	101746	49.907	ug/l	98
64) Tetrachloroethene	10.60	164	87129	52.214	ug/l	97
65) Chlorobenzene	11.40	112	272169	50.549	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	106955	52.803	ug/l	98
67) Ethyl Benzene	11.48	91	515664	52.234	ug/l	99
68) m/p-Xylenes	11.59	106	385291	108.584	ug/l	100
69) o-Xylene	11.92	106	178339	52.928	ug/l	98
70) Styrene	11.94	104	314116	55.187	ug/l	99
71) Bromoform	12.10	173	83502	54.905	ug/l #	98
73) Isopropylbenzene	12.22	105	503981	50.195	ug/l	99
74) N-amyl acetate	12.04	43	213071	47.519	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	153425	43.974	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	207953	64.341	ug/l #	100
77) Bromobenzene	12.50	156	113891	47.201	ug/l	97
78) n-propylbenzene	12.56	91	598075	50.853	ug/l	99
79) 2-Chlorotoluene	12.65	91	357224	49.286	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	443220	53.218	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	55840	48.095	ug/l	97
82) 4-Chlorotoluene	12.75	91	375322	49.749	ug/l	99
83) tert-Butylbenzene	12.97	119	361887	52.329	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	442320	54.138	ug/l	97
85) sec-Butylbenzene	13.15	105	491837	53.122	ug/l	100
86) p-Isopropyltoluene	13.26	119	445445	55.939	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	212570	50.202	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	209745	50.320	ug/l	99
89) n-Butylbenzene	13.59	91	374360	54.713	ug/l	99
90) Hexachloroethane	13.85	117	84315	49.738	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	205902	50.856	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	31922	50.392	ug/l	96

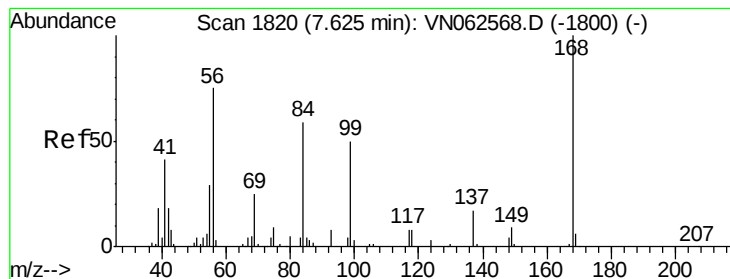
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	99997	47.161	ug/l	98
94) Hexachlorobutadiene	14.98	225	67854	62.055	ug/l	99
95) Naphthalene	15.10	128	237930	42.726	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	99402	52.097	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: VN062658.D

Acq: 30 Jul 2020 9:16

Instrument :

MSVOA_N

ClientSampleId :

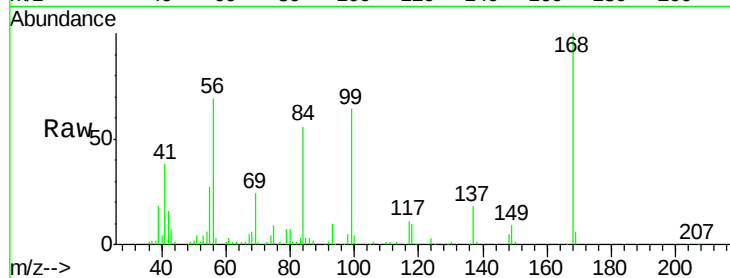
VSTDCCC050

Tot Ion:168 Resp: 175696

Ion Ratio Lower Upper

168 100

99 63.7 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.62

80000

60000

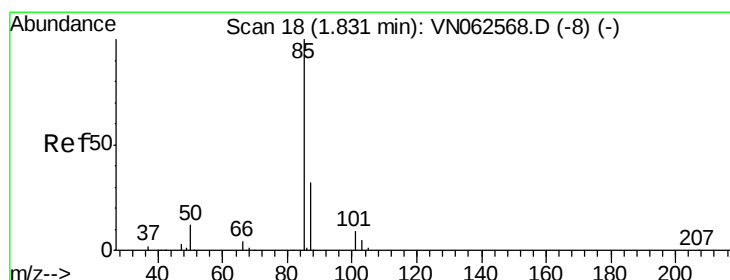
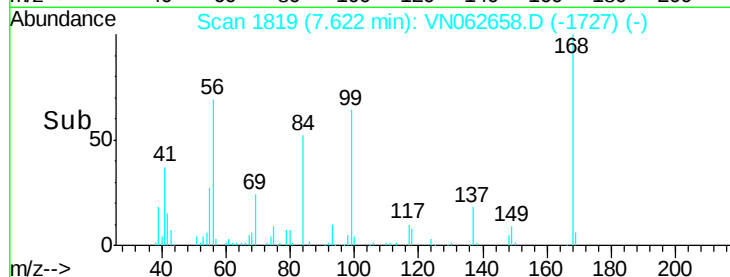
40000

20000

0

7.50 7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 46.847 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062658.D

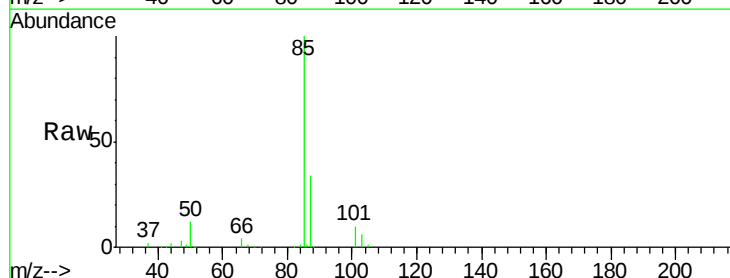
Acq: 30 Jul 2020 9:16

Tgt Ion: 85 Resp: 98178

Ion Ratio Lower Upper

85 100

87 33.9 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

80000

60000

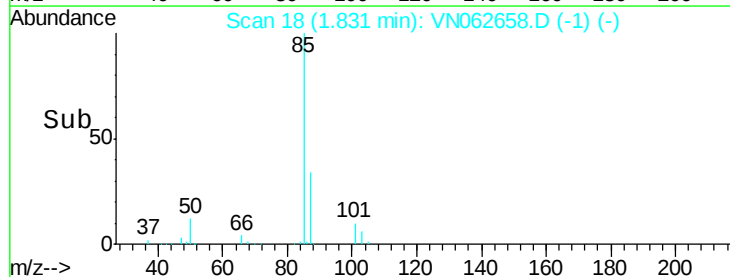
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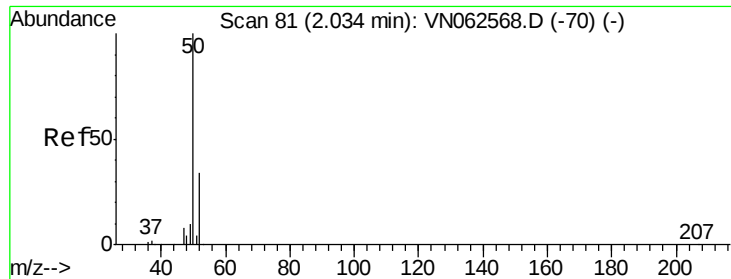
20000

0

1.75 1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 38.684 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN062658.D

Acq: 30 Jul 2020 9:16

Instrument :

MSVOA_N

ClientSampleId :

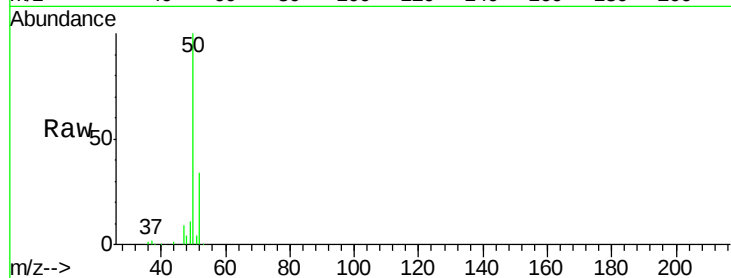
VSTDCCC050

Tot Ion: 50 Resp: 109959

Ion Ratio Lower Upper

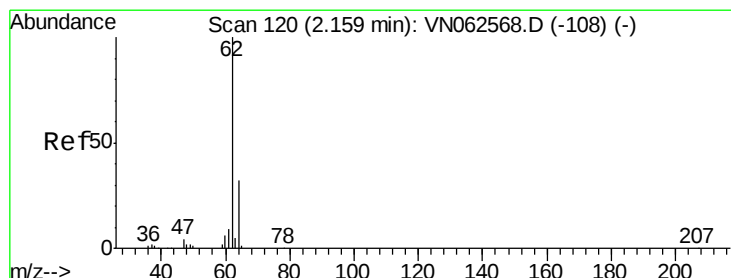
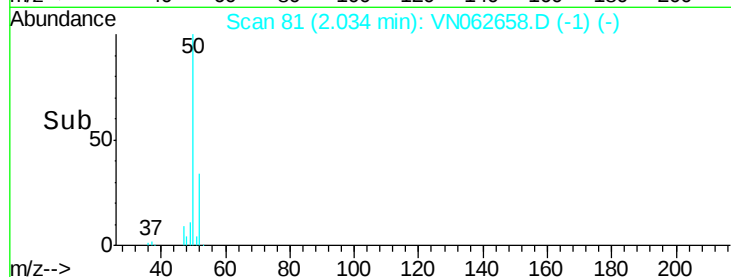
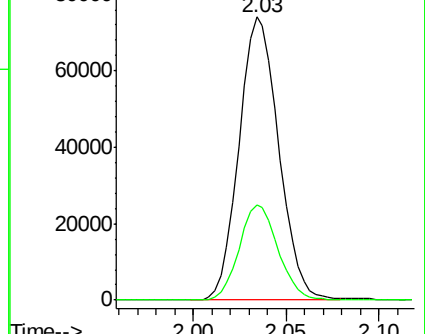
50 100

52 33.8 27.0 40.4



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 40.832 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN062658.D

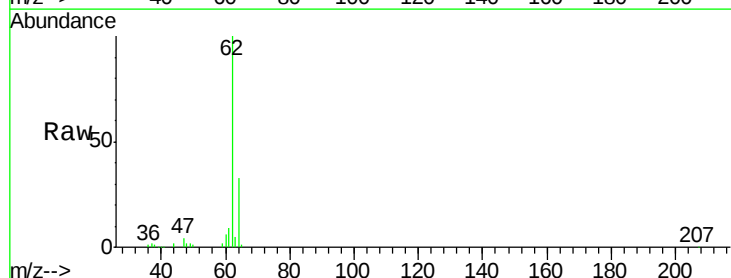
Acq: 30 Jul 2020 9:16

Tgt Ion: 62 Resp: 100616

Ion Ratio Lower Upper

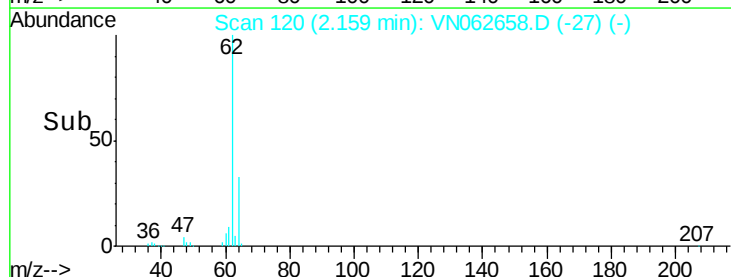
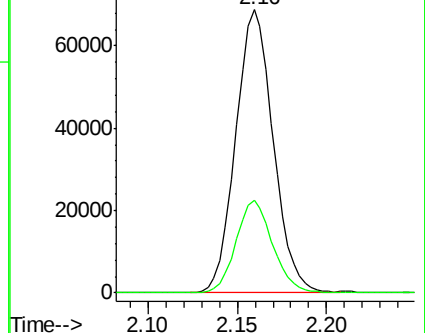
62 100

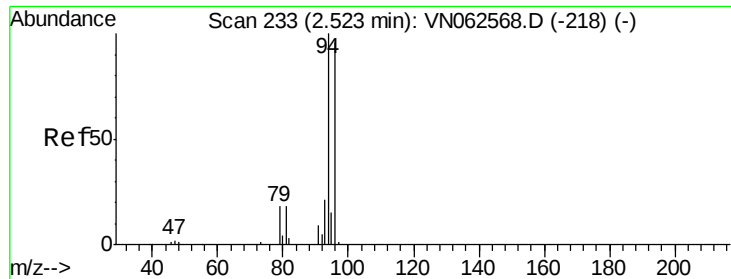
64 32.7 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 48.384 ug/l

RT: 2.51 min Scan# 229

Delta R.T. -0.01 min

Lab File: VN062658.D

Acq: 30 Jul 2020 9:16

Instrument :

MSVOA_N

ClientSampleId :

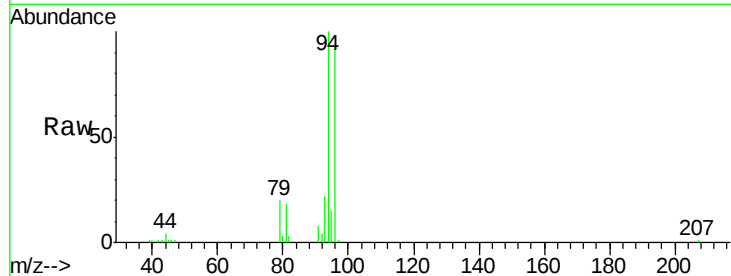
VSTDCCC050

Tot Ion: 94 Resp: 52807

Ion Ratio Lower Upper

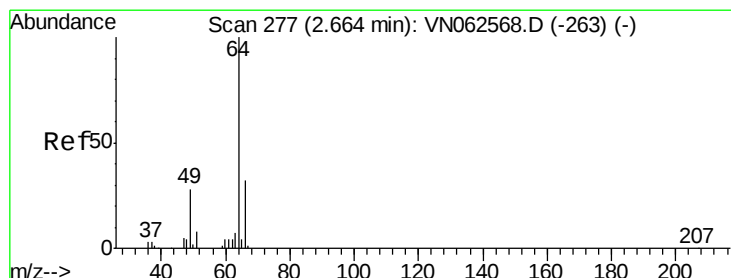
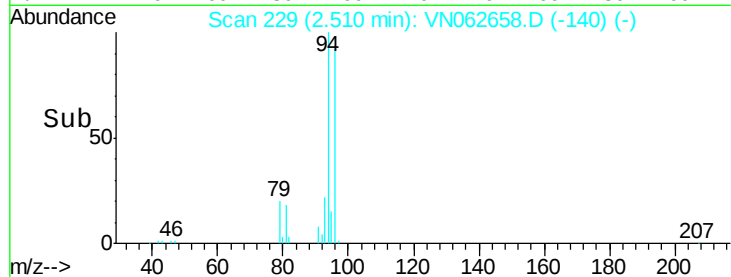
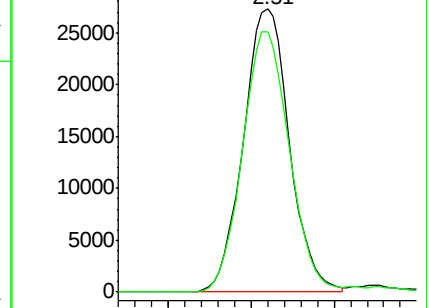
94 100

96 92.1 76.6 114.8



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 50.140 ug/l

RT: 2.66 min Scan# 275

Delta R.T. -0.01 min

Lab File: VN062658.D

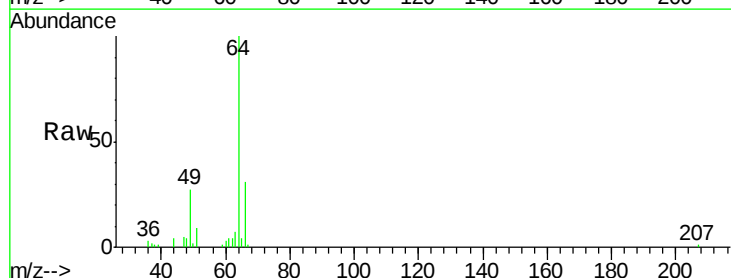
Acq: 30 Jul 2020 9:16

Tgt Ion: 64 Resp: 55888

Ion Ratio Lower Upper

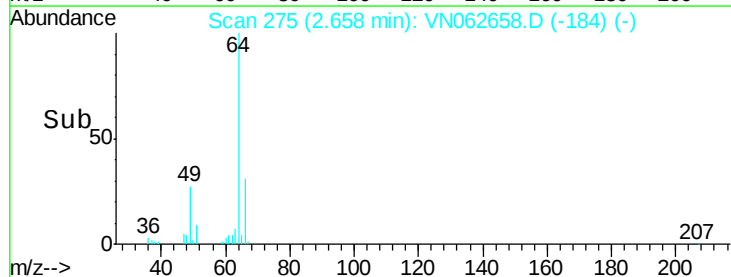
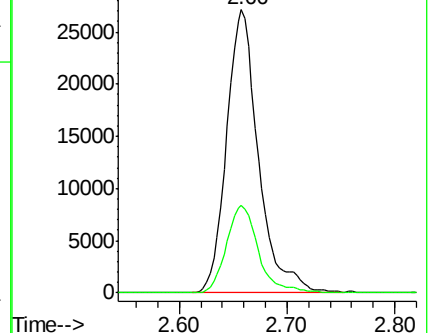
64 100

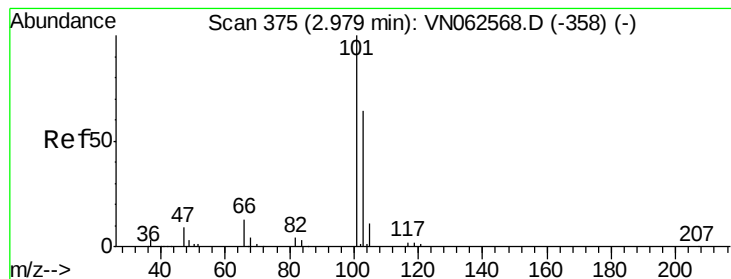
66 30.8 25.8 38.8



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



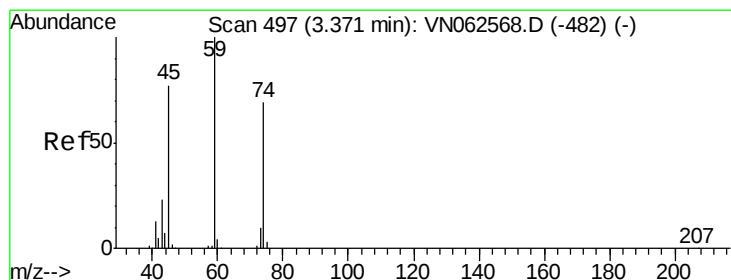
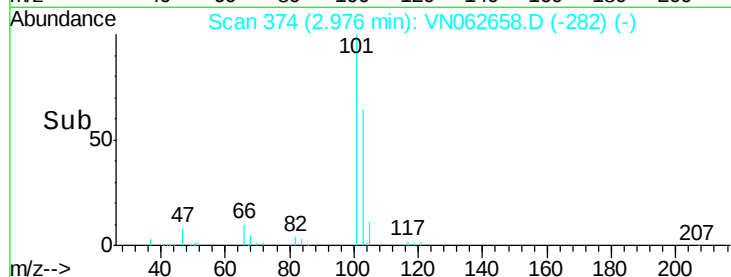
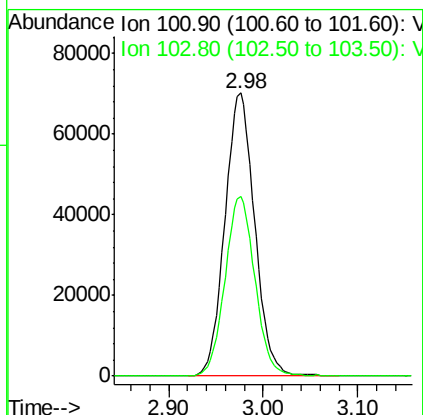
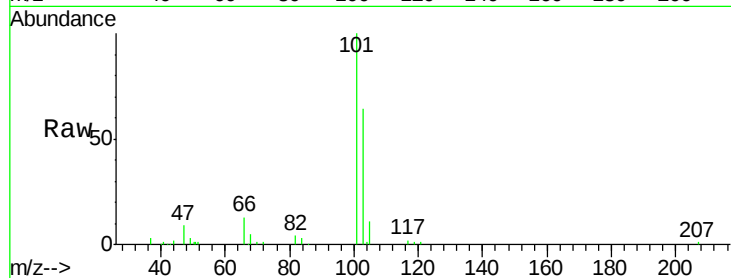


#7

Trichlorofluoromethane
 Concen: 53.095 ug/l
 RT: 2.98 min Scan# 374
 Delta R.T. -0.00 min
 Lab File: VN062658.D
 Acq: 30 Jul 2020 9:16

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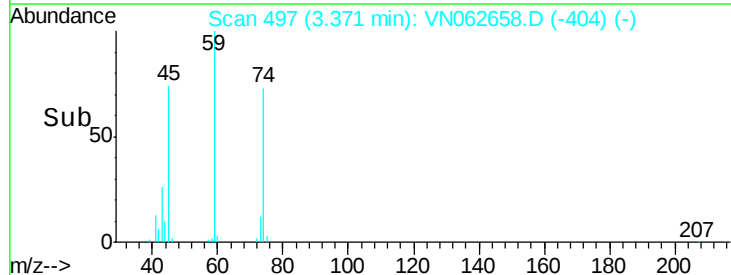
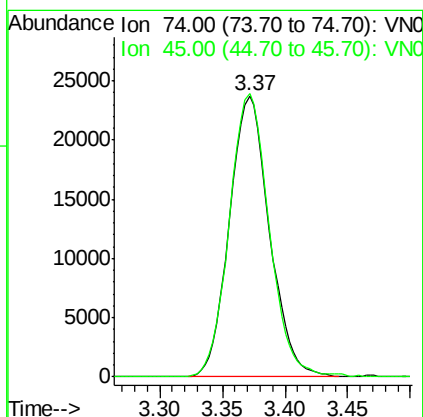
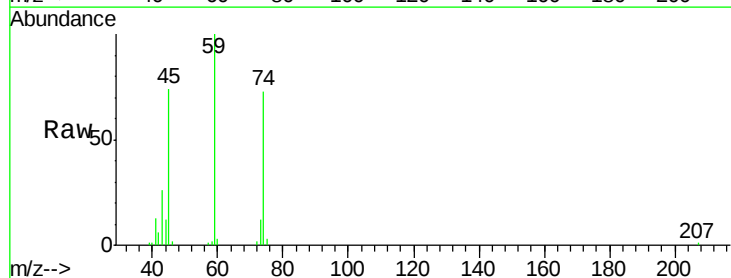
Tot Ion:101 Resp: 153611
 Ion Ratio Lower Upper
 101 100
 103 63.5 51.5 77.3

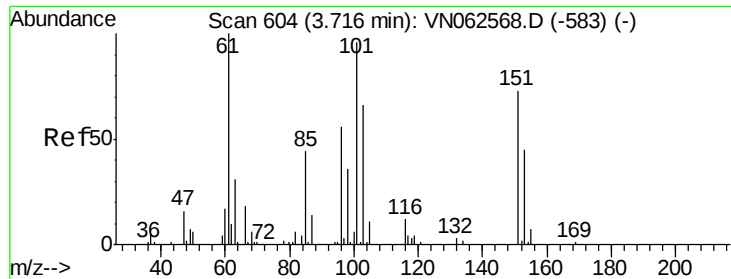


#8

Diethyl Ether
 Concen: 38.868 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: VN062658.D
 Acq: 30 Jul 2020 9:16

Tgt Ion: 74 Resp: 52585
 Ion Ratio Lower Upper
 74 100
 45 100.8 55.3 165.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.858 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.00 min

Lab File: VN062658.D

Acq: 30 Jul 2020 9:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

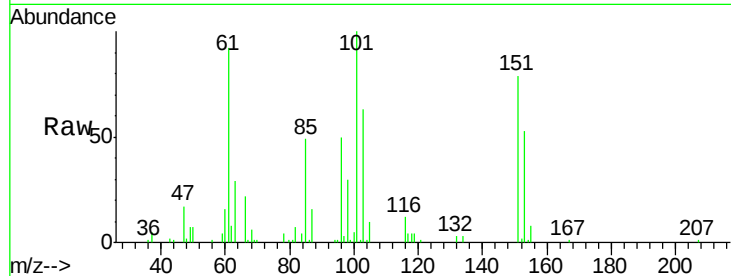
Tot Ion:101 Resp: 83209

Ion Ratio Lower Upper

101 100

85 47.2 36.0 54.0

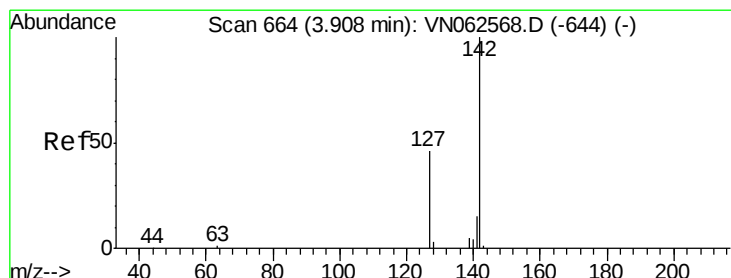
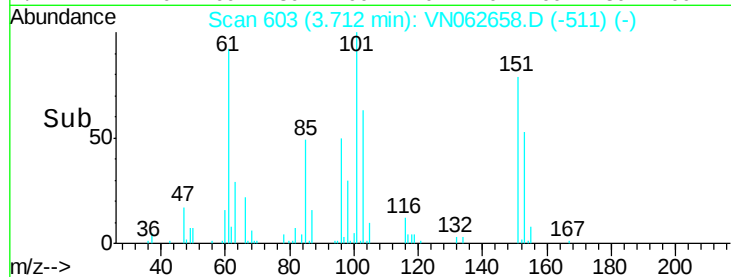
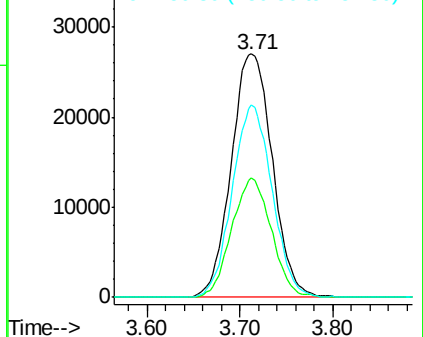
151 76.5 60.0 90.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 49.056 ug/l

RT: 3.91 min Scan# 663

Delta R.T. -0.00 min

Lab File: VN062658.D

Acq: 30 Jul 2020 9:16

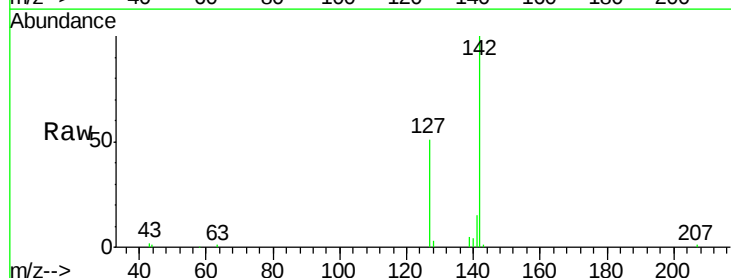
Tgt Ion:142 Resp: 116333

Ion Ratio Lower Upper

142 100

127 50.5 37.4 56.0

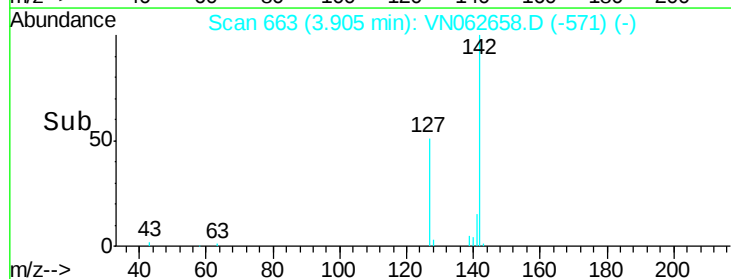
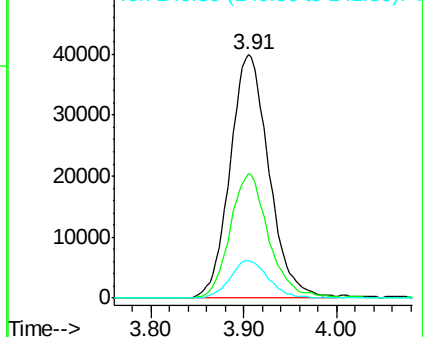
141 15.1 11.9 17.9

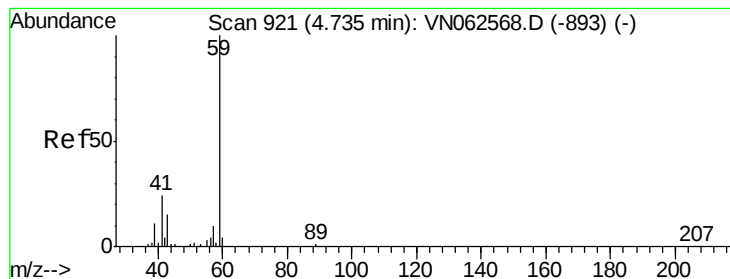


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 195.761 ug/l

RT: 4.73 min Scan# 921

Delta R.T. -0.00 min

Lab File: VN062658.D

Acq: 30 Jul 2020 9:16

Instrument :

MSVOA_N

ClientSampled :

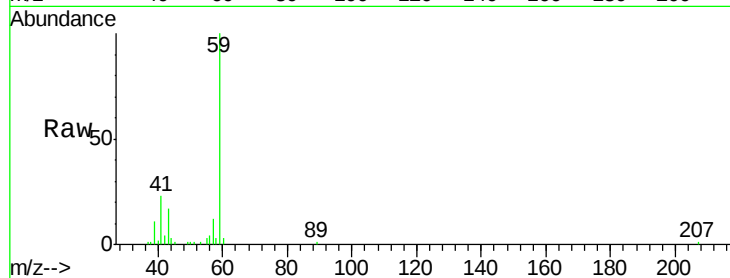
VSTDCCC050

Tot Ion: 59 Resp: 84997

Ion Ratio Lower Upper

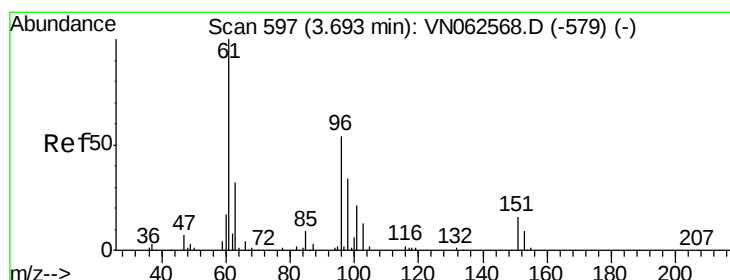
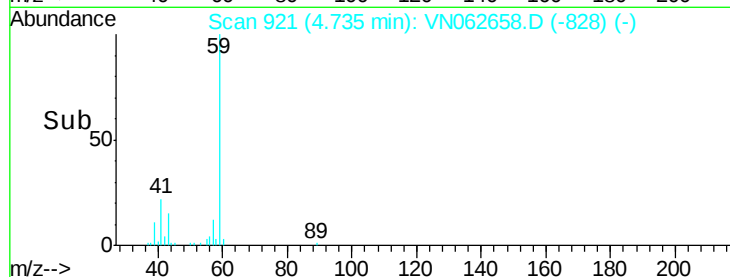
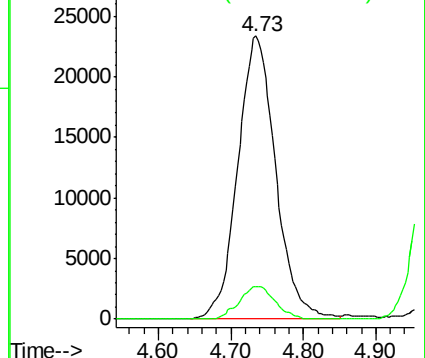
59 100

57 10.9 8.2 12.2



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



#12

1,1-Dichloroethene

Concen: 41.806 ug/l

RT: 3.69 min Scan# 596

Delta R.T. -0.00 min

Lab File: VN062658.D

Acq: 30 Jul 2020 9:16

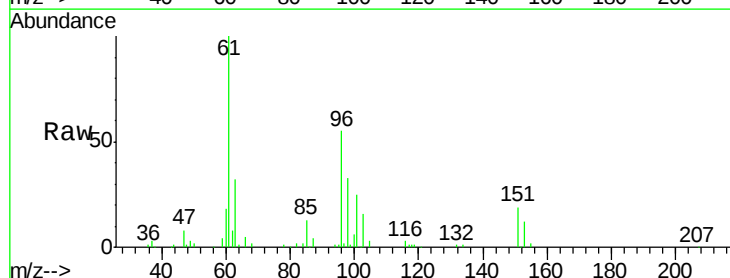
Tgt Ion: 96 Resp: 78648

Ion Ratio Lower Upper

96 100

61 183.1 148.6 222.8

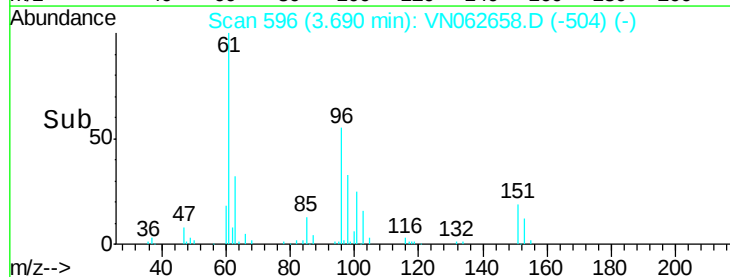
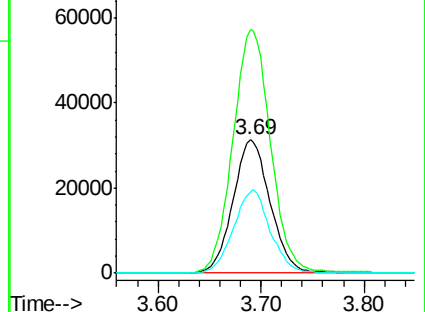
98 61.1 50.6 75.8

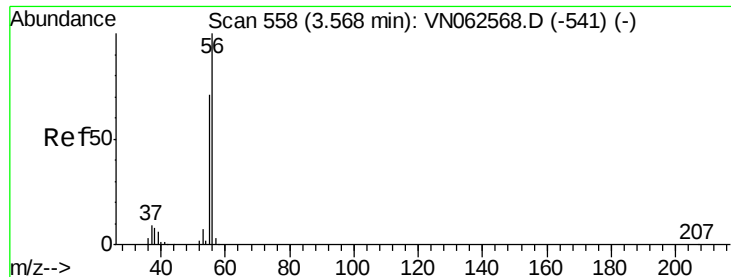


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#13

Acrolein

Concen: 166.066 ug/l

RT: 3.56 min Scan# 556

Delta R.T. -0.01 min

Lab File: VN062658.D

Acq: 30 Jul 2020 9:16

Instrument :

MSVOA_N

ClientSampleId :

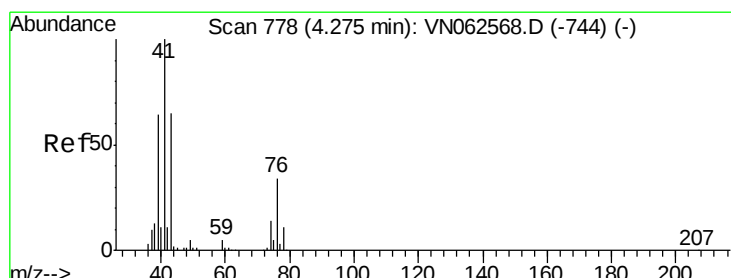
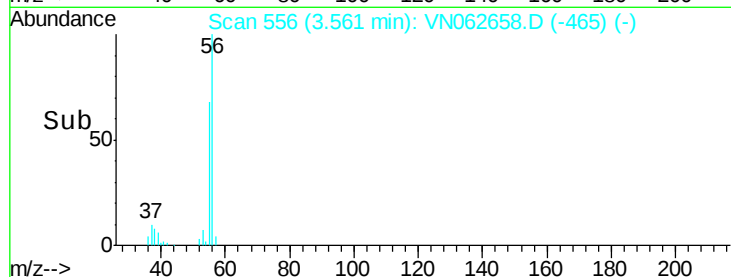
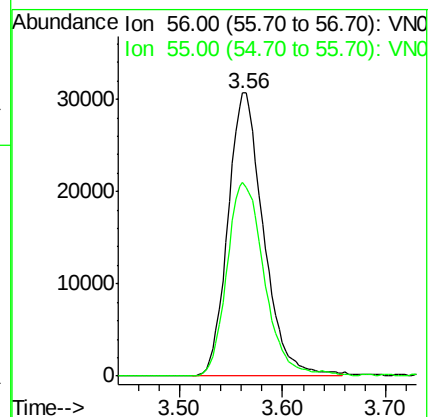
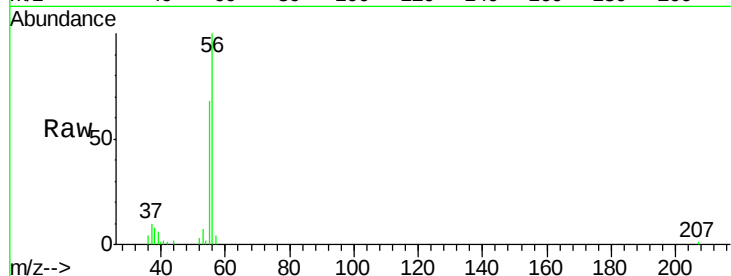
VSTDCCC050

Tot Ion: 56 Resp: 73867

Ion Ratio Lower Upper

56 100

55 70.9 57.0 85.4



#14

Allyl chloride

Concen: 41.956 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN062658.D

Acq: 30 Jul 2020 9:16

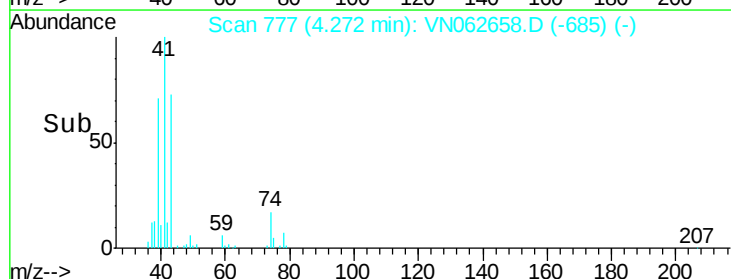
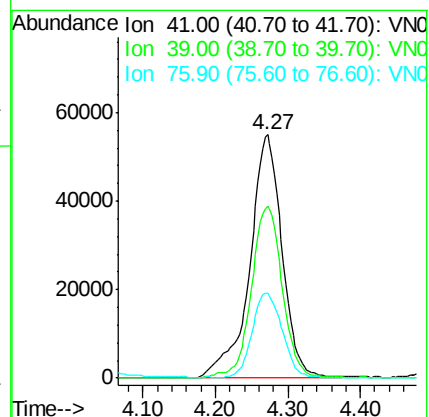
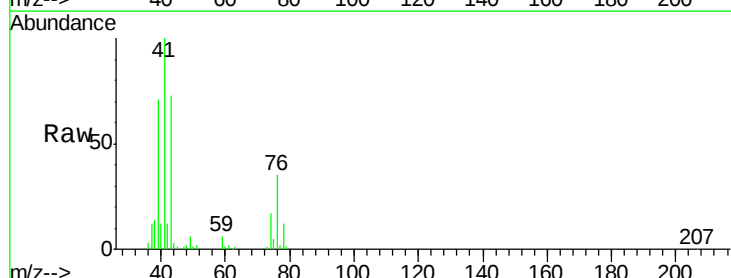
Tgt Ion: 41 Resp: 170734

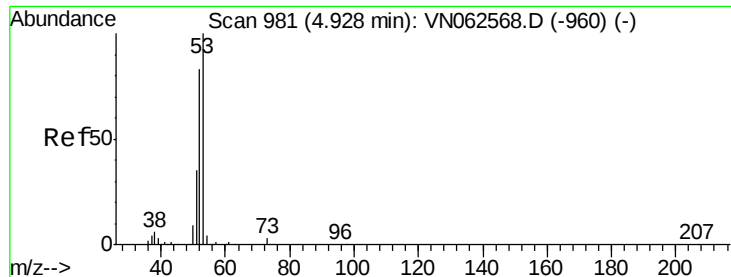
Ion Ratio Lower Upper

41 100

39 67.5 49.0 73.4

76 32.6 24.0 36.0





#15

Acrylonitrile

Concen: 219.788 ug/l

RT: 4.93 min Scan# 981

Delta R.T. -0.00 min

Lab File: VN062658.D

Acq: 30 Jul 2020 9:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

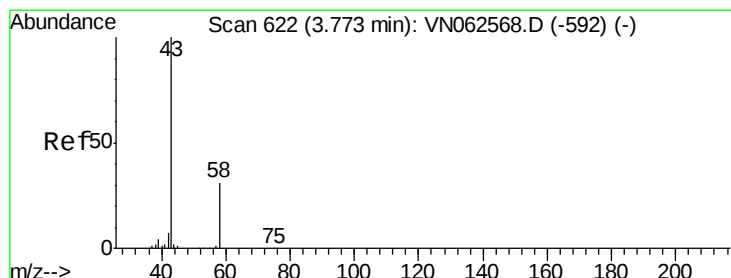
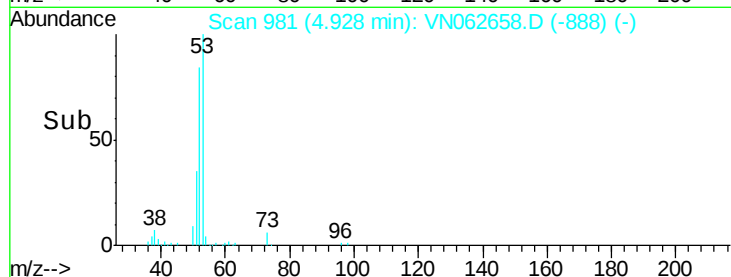
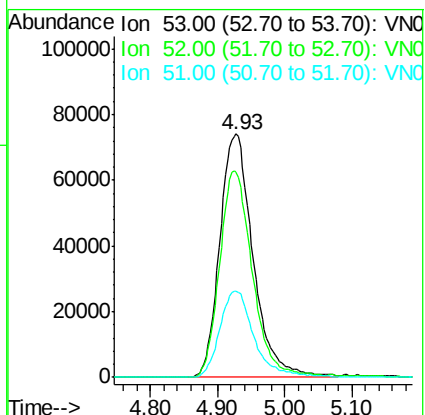
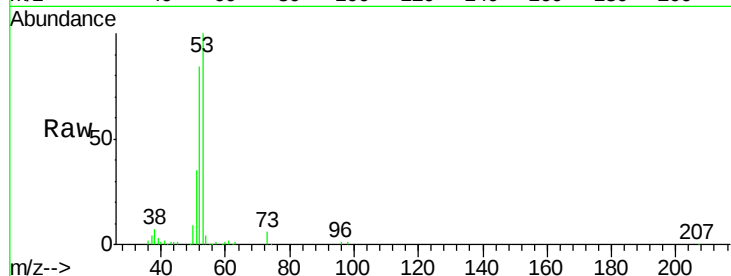
Tot Ion: 53 Resp: 255604

Ion Ratio Lower Upper

53 100

52 83.3 66.3 99.5

51 36.3 28.6 43.0



#16

Acetone

Concen: 296.119 ug/l

RT: 3.77 min Scan# 622

Delta R.T. -0.00 min

Lab File: VN062658.D

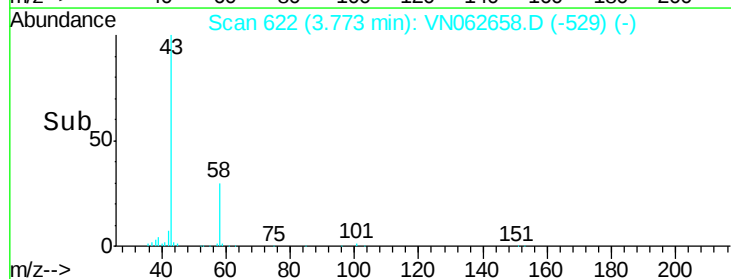
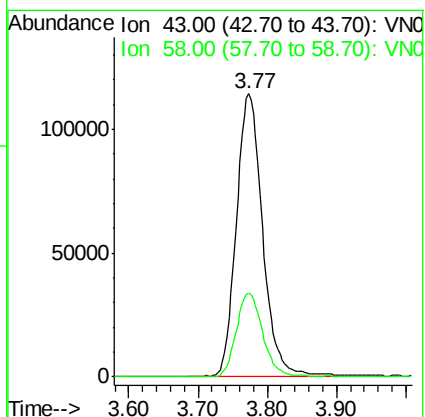
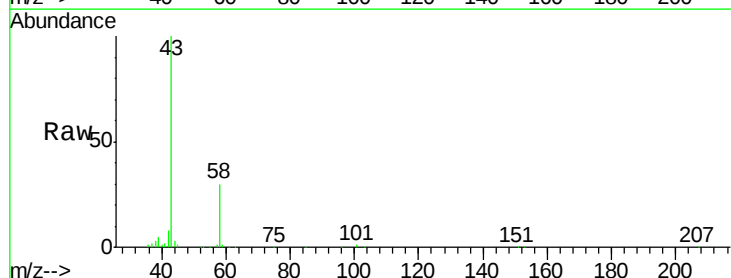
Acq: 30 Jul 2020 9:16

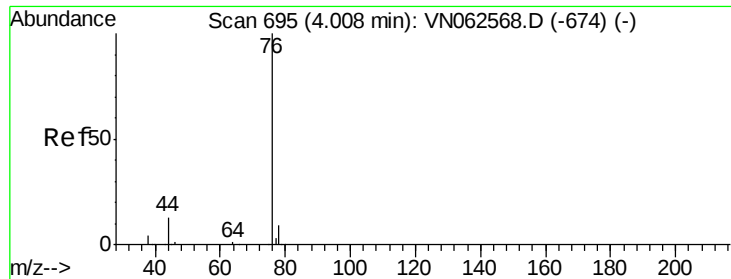
Tgt Ion: 43 Resp: 304137

Ion Ratio Lower Upper

43 100

58 29.6 24.6 37.0

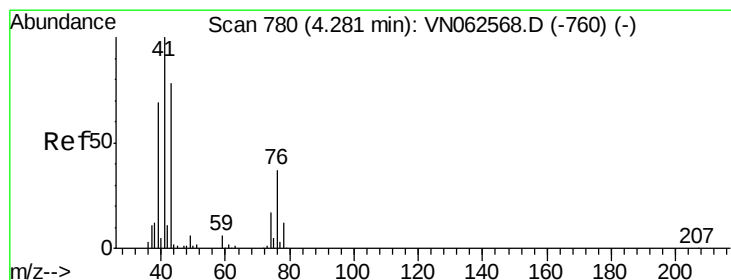
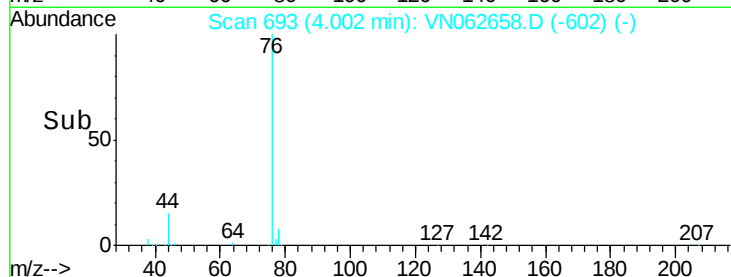
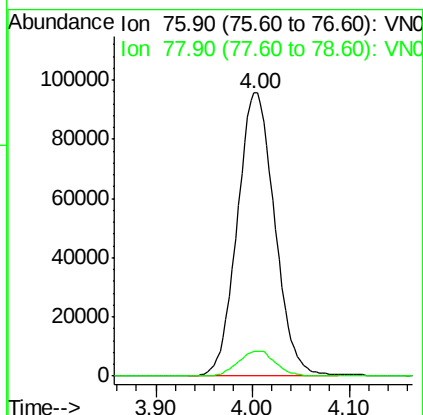
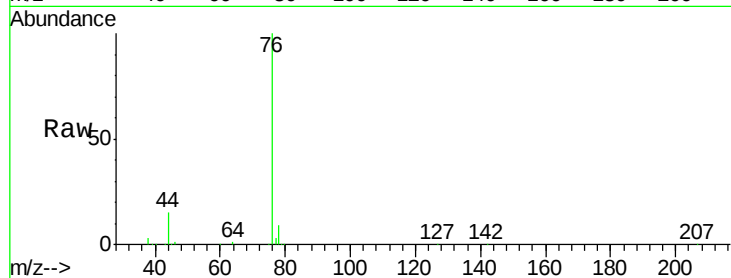




#17
Carbon Disulfide
Concen: 41.618 ug/l
RT: 4.00 min Scan# 693
Delta R.T. -0.01 min
Lab File: VN062658.D
Acq: 30 Jul 2020 9:16

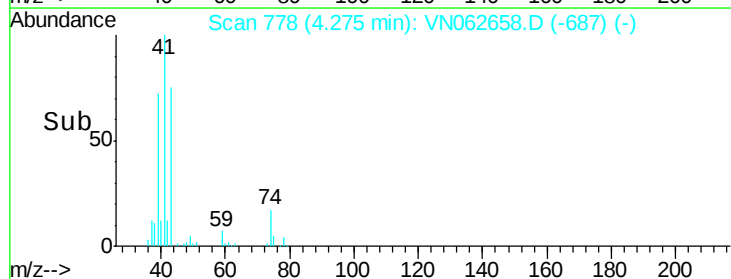
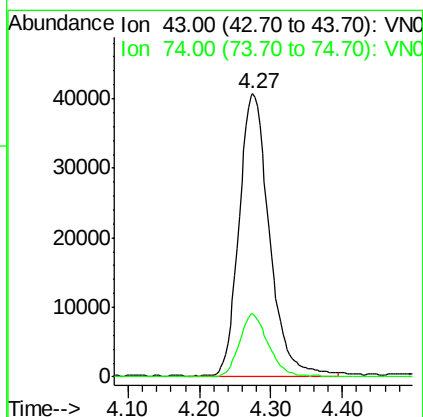
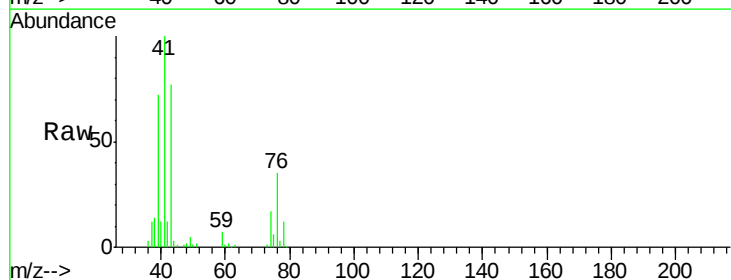
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

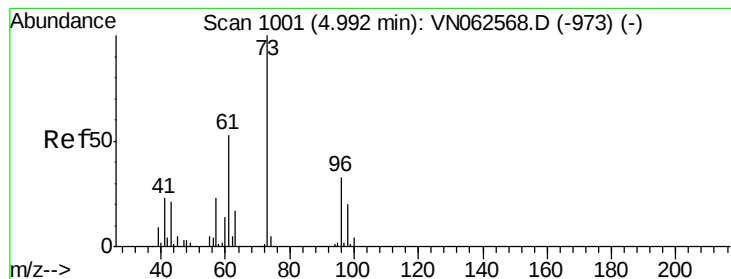
Tot Ion: 76 Resp: 257249
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9



#18
Methyl Acetate
Concen: 46.721 ug/l
RT: 4.27 min Scan# 778
Delta R.T. -0.01 min
Lab File: VN062658.D
Acq: 30 Jul 2020 9:16

Tgt Ion: 43 Resp: 121481
Ion Ratio Lower Upper
43 100
74 20.9 16.6 24.8





#19

Methyl tert-butyl Ether

Concen: 47.025 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VN062658.D

Acq: 30 Jul 2020 9:16

Instrument :

MSVOA_N

ClientSampleId :

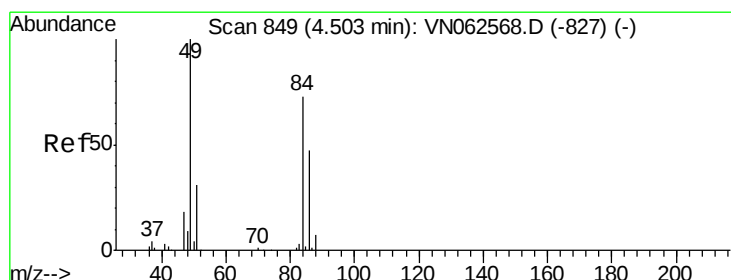
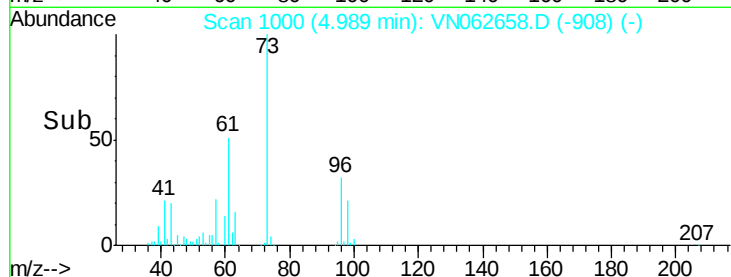
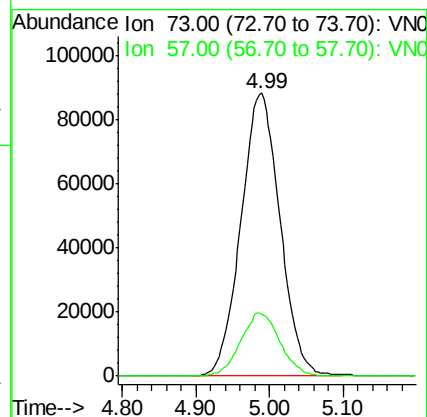
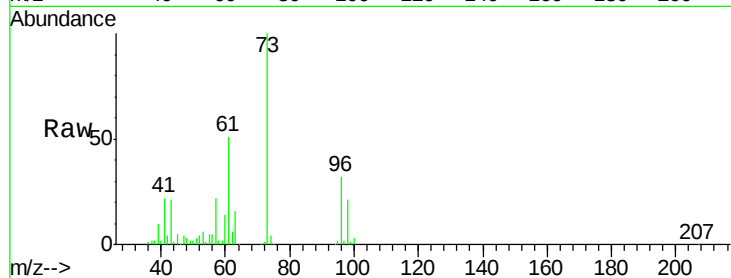
VSTDCCC050

Tot Ion: 73 Resp: 325607

Ion Ratio Lower Upper

73 100

57 22.1 18.6 27.8



#20

Methylene Chloride

Concen: 43.246 ug/l

RT: 4.50 min Scan# 847

Delta R.T. -0.01 min

Lab File: VN062658.D

Acq: 30 Jul 2020 9:16

Tgt Ion: 84 Resp: 106531

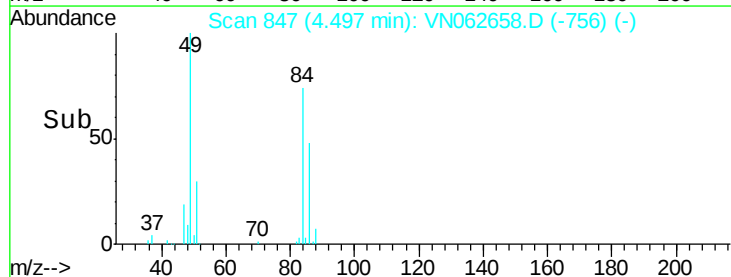
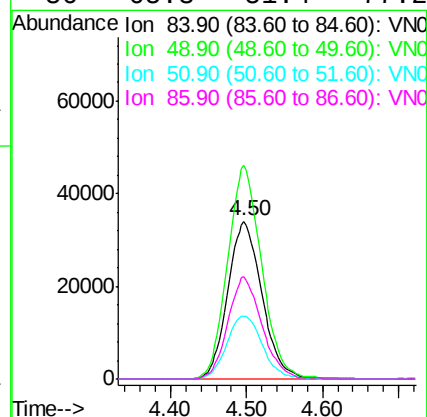
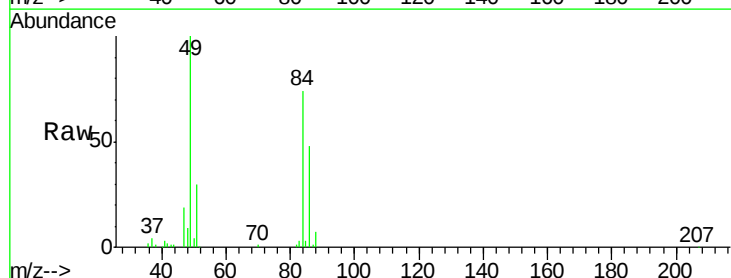
Ion Ratio Lower Upper

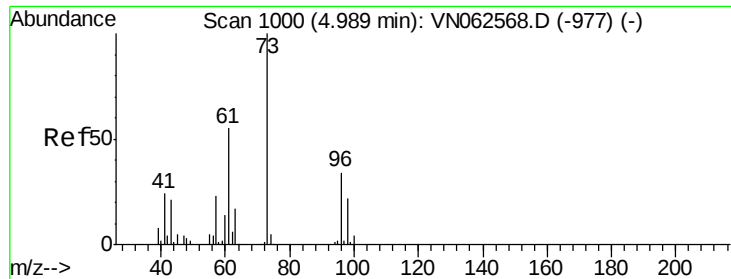
84 100

49 135.6 109.4 164.0

51 40.2 33.6 50.4

86 65.3 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 45.472 ug/l

RT: 4.98 min Scan# 998

Delta R.T. -0.01 min

Lab File: VN062658.D

Acq: 30 Jul 2020 9:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

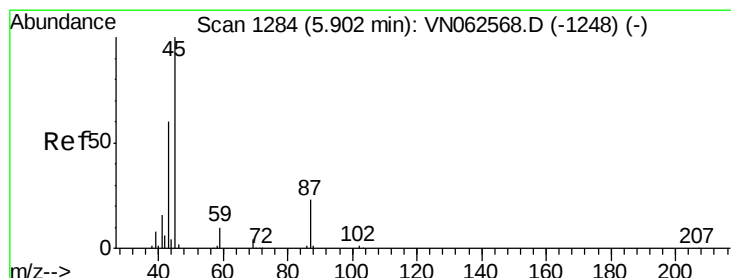
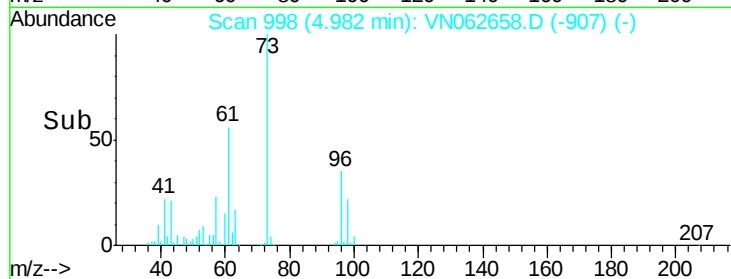
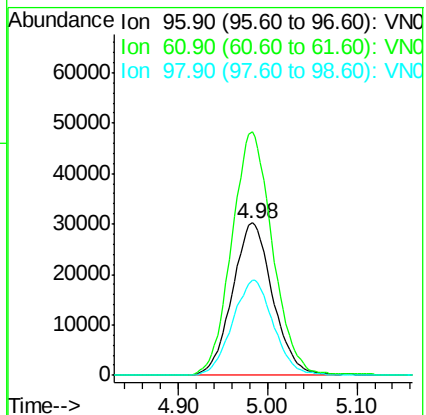
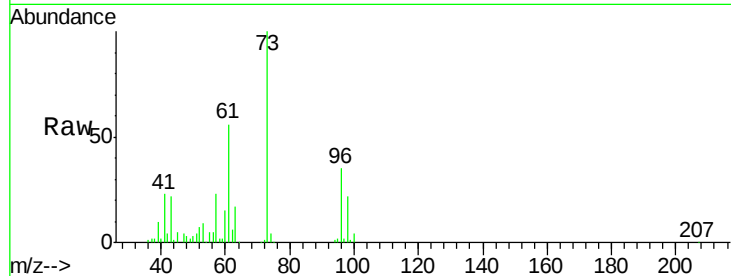
Tot Ion: 96 Resp: 94944

Ion Ratio Lower Upper

96 100

61 159.8 128.6 192.8

98 62.1 50.6 76.0



#22

Diisopropyl ether

Concen: 44.009 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. -0.01 min

Lab File: VN062658.D

Acq: 30 Jul 2020 9:16

Tgt Ion: 45 Resp: 355982

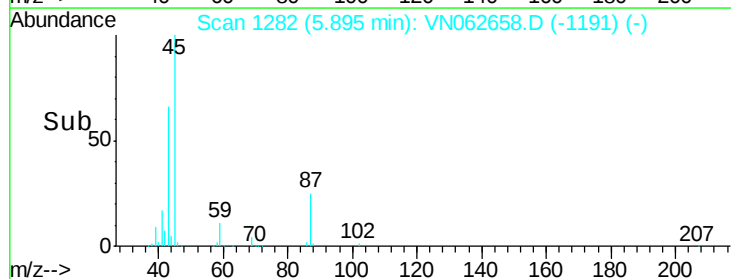
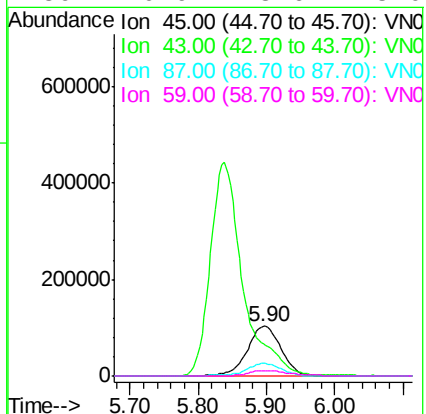
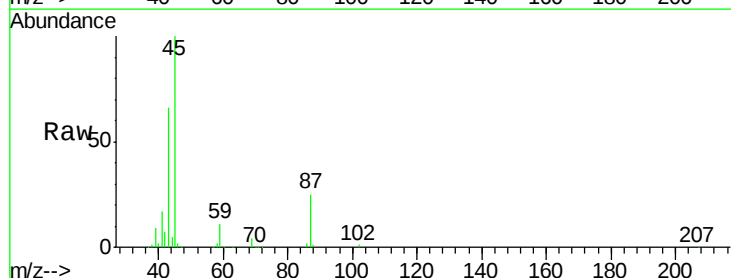
Ion Ratio Lower Upper

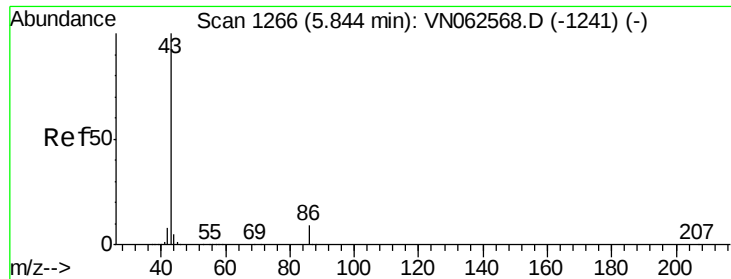
45 100

43 63.7 48.7 73.1

87 24.9 19.0 28.6

59 10.9 8.6 13.0

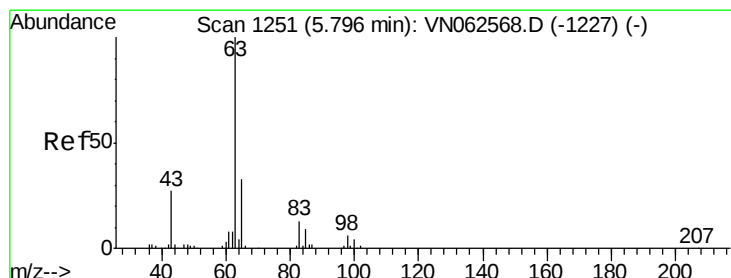
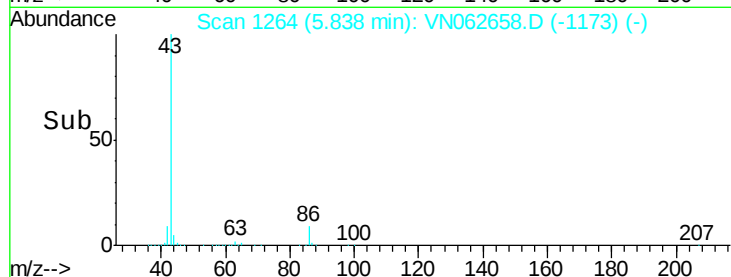
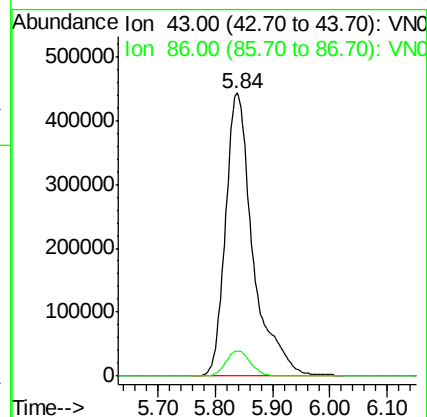
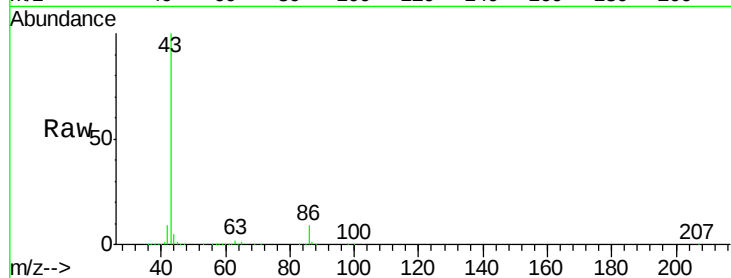




#23
 Vinyl Acetate
 Concen: 222.628 ug/l
 RT: 5.84 min Scan# 1264
 Delta R.T. -0.01 min
 Lab File: VN062658.D
 Acq: 30 Jul 2020 9:16

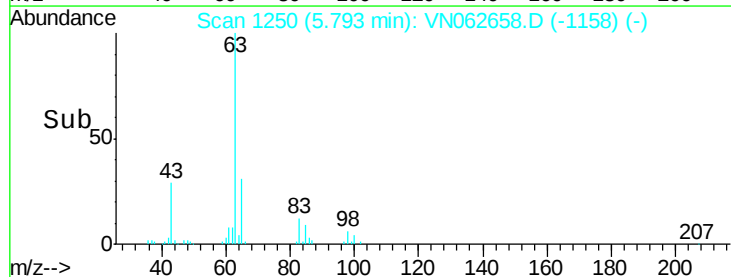
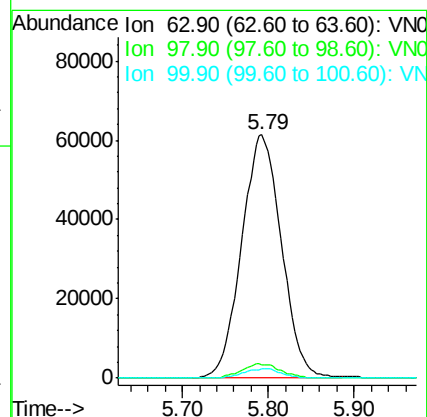
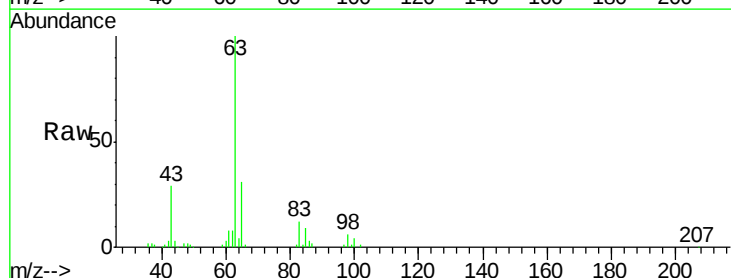
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

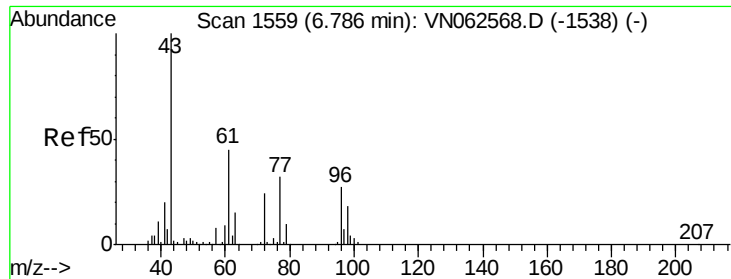
Tot Ion: 43 Resp: 1475535
 Ion Ratio Lower Upper
 43 100
 86 8.8 6.9 10.3



#24
 1,1-Dichloroethane
 Concen: 45.375 ug/l
 RT: 5.79 min Scan# 1250
 Delta R.T. -0.00 min
 Lab File: VN062658.D
 Acq: 30 Jul 2020 9:16

Tgt Ion: 63 Resp: 197645
 Ion Ratio Lower Upper
 63 100
 98 5.6 2.9 8.8
 100 3.8 1.8 5.4

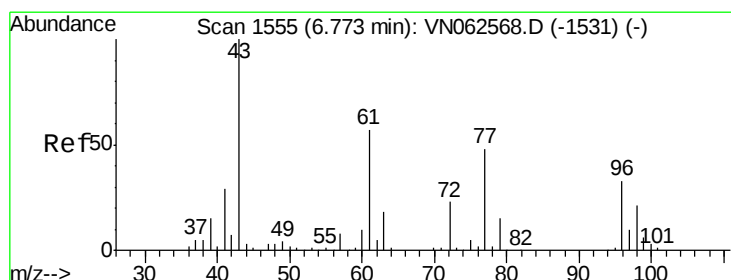
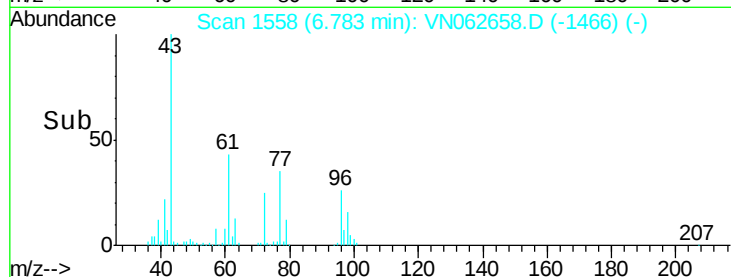
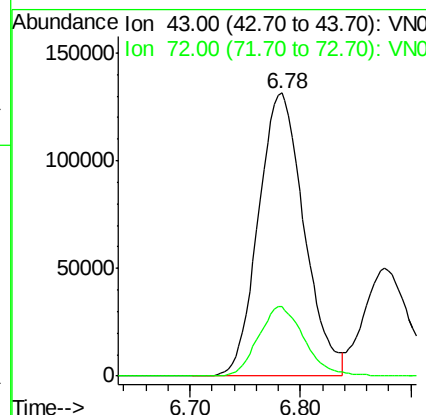
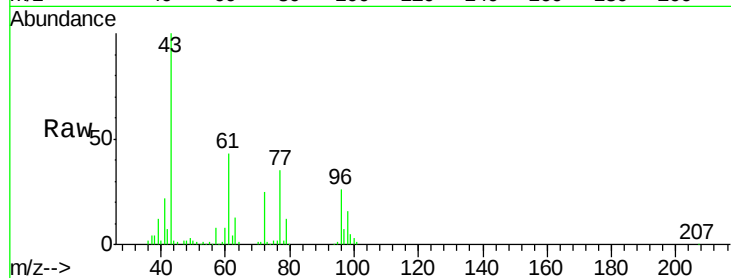




#25
2-Butanone
Concen: 241.295 ug/l
RT: 6.78 min Scan# 1558
Delta R.T. -0.00 min
Lab File: VN062658.D
Acq: 30 Jul 2020 9:16

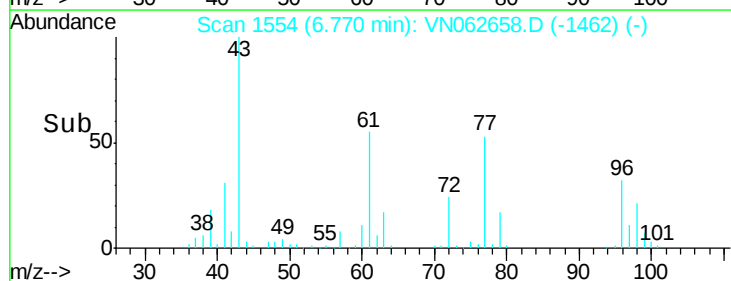
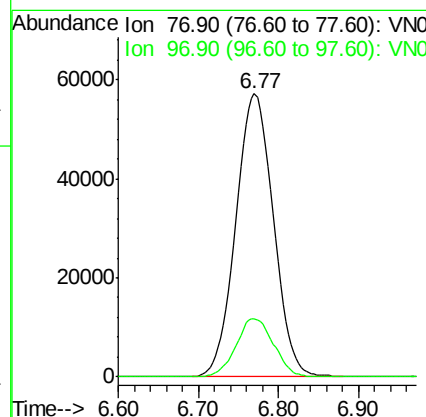
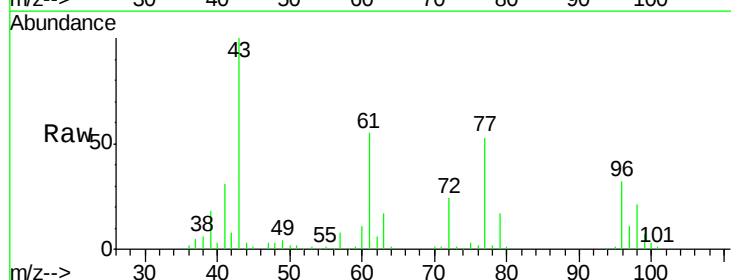
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

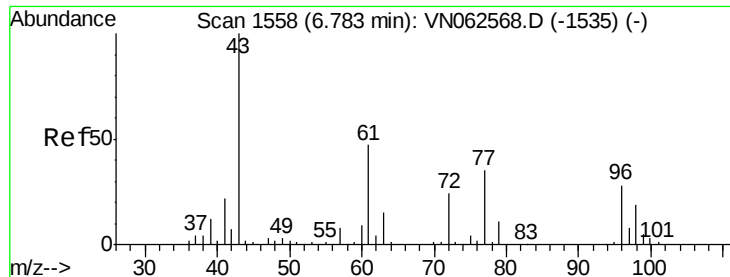
Tot Ion: 43 Resp: 377435
Ion Ratio Lower Upper
43 100
72 24.5 19.0 28.6



#26
2,2-Dichloropropane
Concen: 50.953 ug/l
RT: 6.77 min Scan# 1554
Delta R.T. -0.00 min
Lab File: VN062658.D
Acq: 30 Jul 2020 9:16

Tgt Ion: 77 Resp: 182194
Ion Ratio Lower Upper
77 100
97 20.5 10.8 32.4

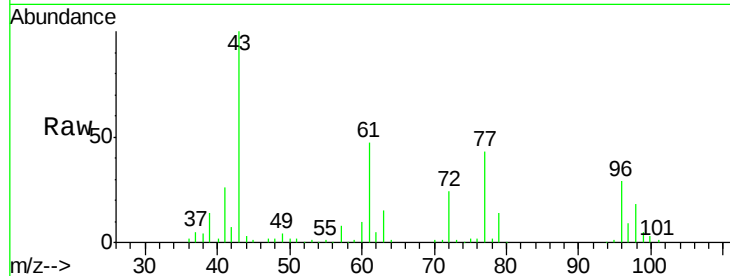




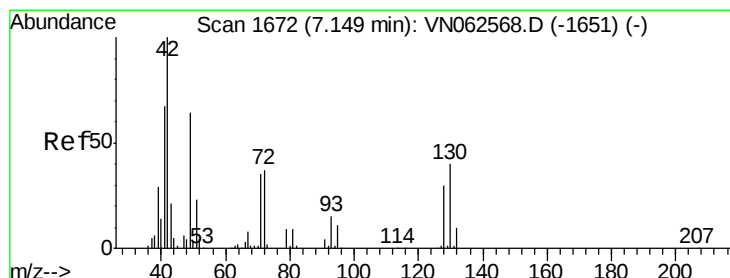
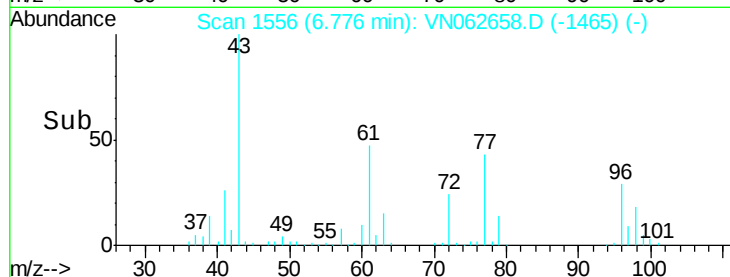
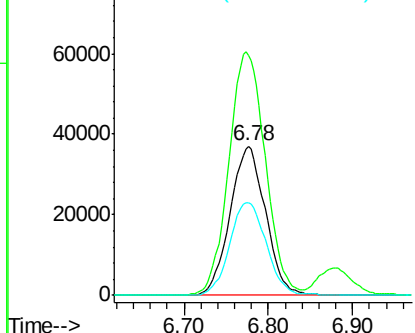
#27
 cis-1,2-Dichloroethene
 Concen: 45.487 ug/l
 RT: 6.78 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: VN062658.D
 Acq: 30 Jul 2020 9:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 96 Resp: 108375
 Ion Ratio Lower Upper
 96 100
 61 167.9 0.0 332.4
 98 64.4 0.0 127.4

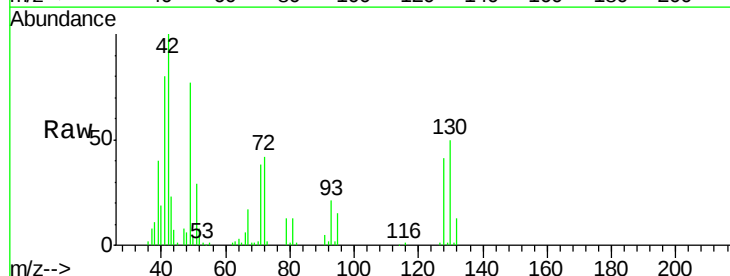


Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0

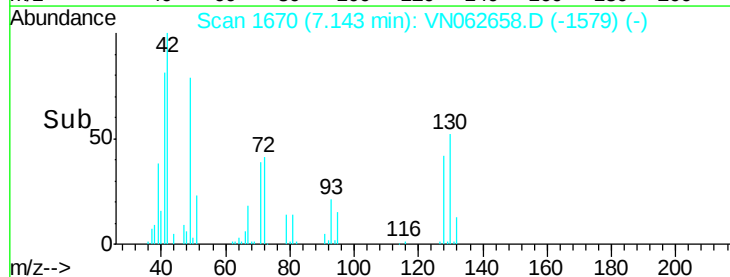
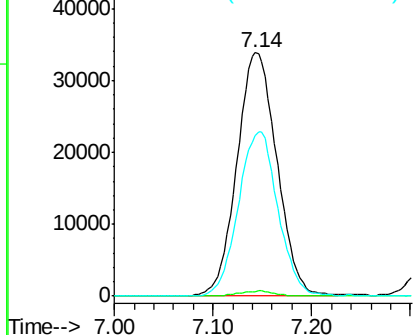


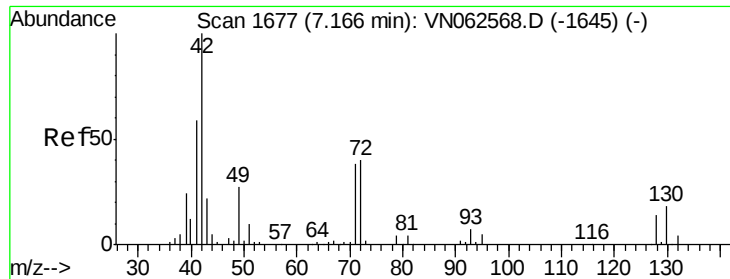
#28
 Bromochloromethane
 Concen: 44.401 ug/l
 RT: 7.14 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: VN062658.D
 Acq: 30 Jul 2020 9:16

Tgt Ion: 49 Resp: 95178
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.4
 130 66.6 49.8 74.8



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

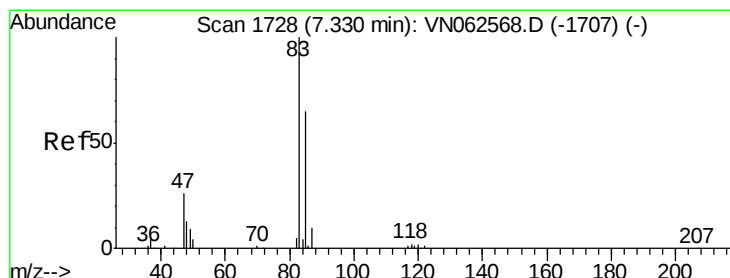
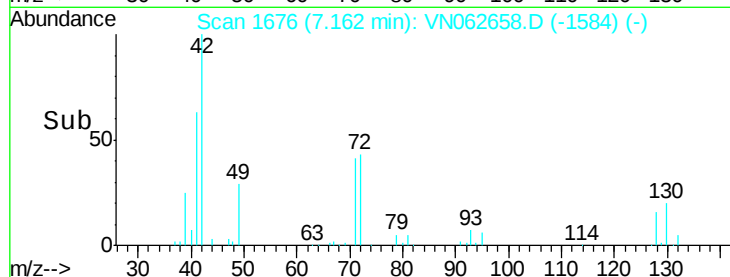
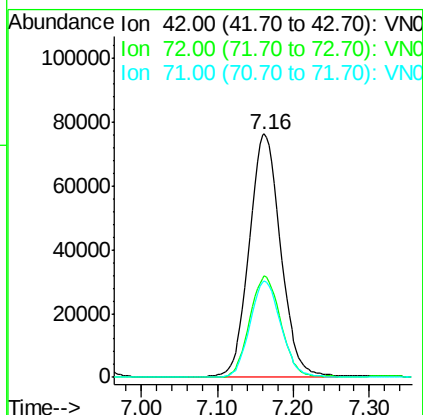
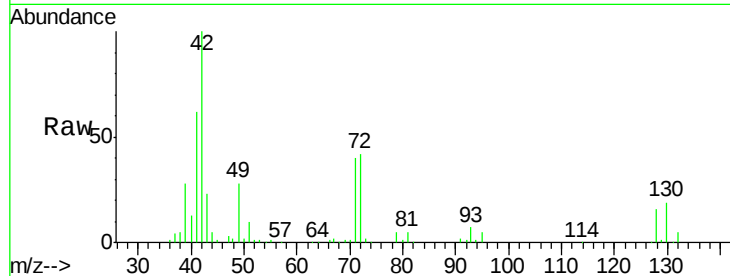




#29
Tetrahydrofuran
Concen: 208.302 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. -0.00 min
Lab File: VN062658.D
Acq: 30 Jul 2020 9:16

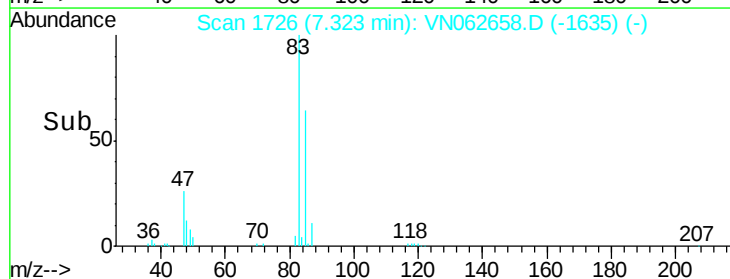
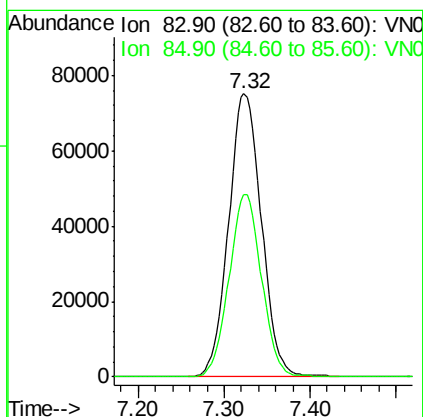
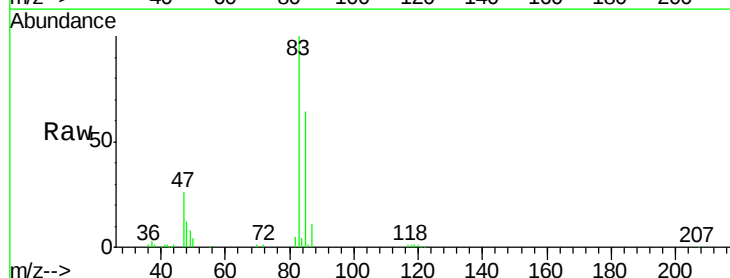
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

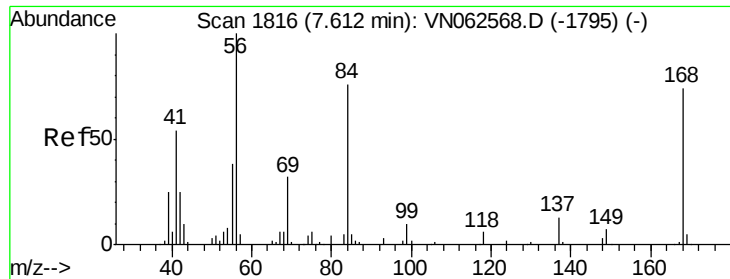
Tot Ion: 42 Resp: 220473
Ion Ratio Lower Upper
42 100
72 40.9 30.7 46.1
71 38.8 29.1 43.7



#30
Chloroform
Concen: 48.159 ug/l
RT: 7.32 min Scan# 1726
Delta R.T. -0.01 min
Lab File: VN062658.D
Acq: 30 Jul 2020 9:16

Tgt Ion: 83 Resp: 199449
Ion Ratio Lower Upper
83 100
85 64.4 52.0 78.0

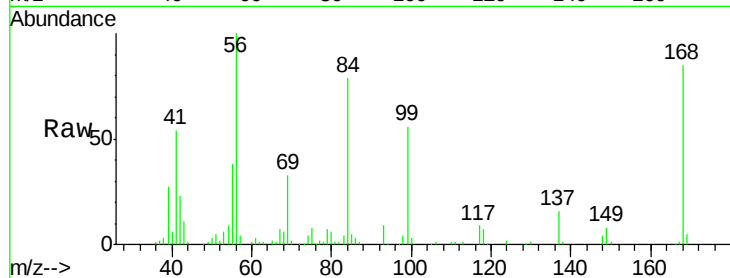




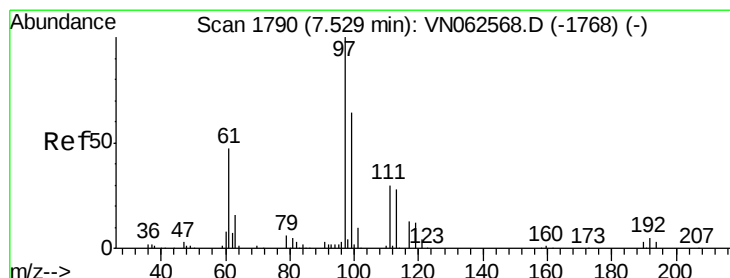
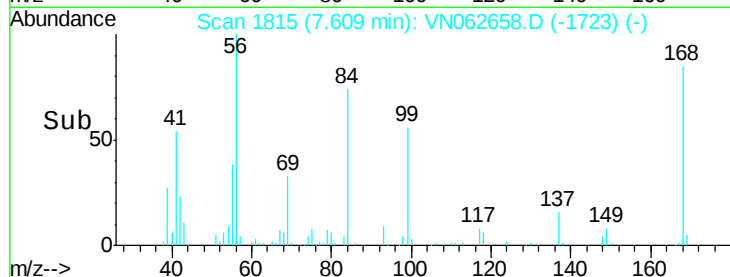
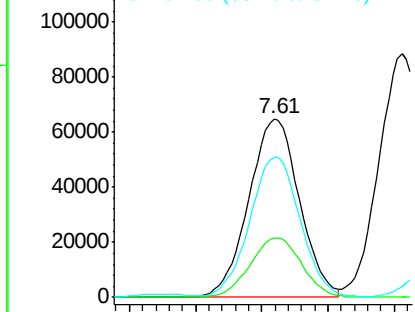
#31
Cyclohexane
Concen: 42.983 ug/l
RT: 7.61 min Scan# 1815
Delta R.T. -0.00 min
Lab File: VN062658.D
Acq: 30 Jul 2020 9:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 56 Resp: 172865
Ion Ratio Lower Upper
56 100
69 33.2 25.3 37.9
84 77.4 61.0 91.4

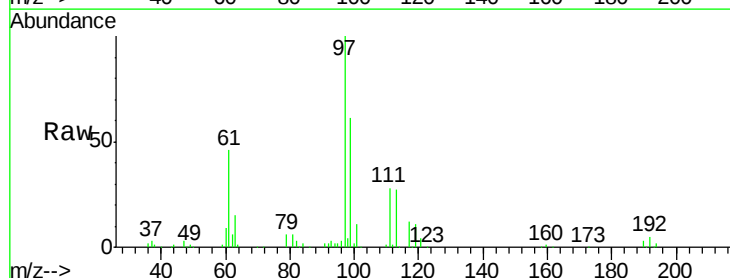


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

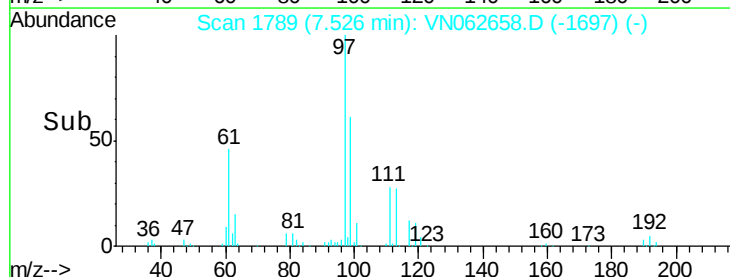
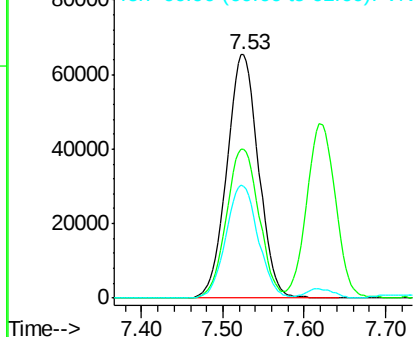


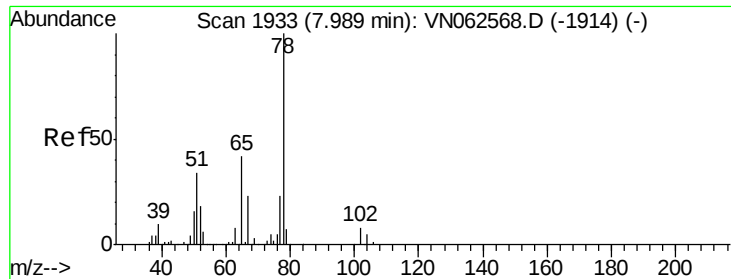
#32
1,1,1-Trichloroethane
Concen: 51.234 ug/l
RT: 7.53 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VN062658.D
Acq: 30 Jul 2020 9:16

Tgt Ion: 97 Resp: 177153
Ion Ratio Lower Upper
97 100
99 62.9 51.2 76.8
61 47.2 38.4 57.6



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

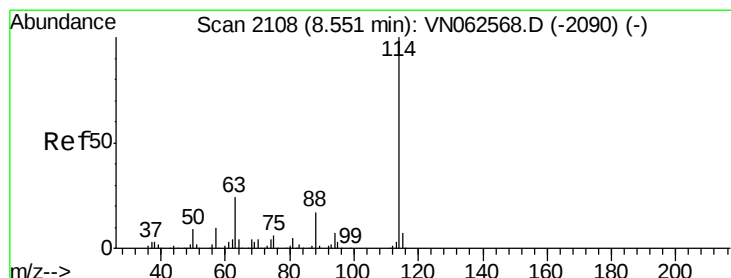
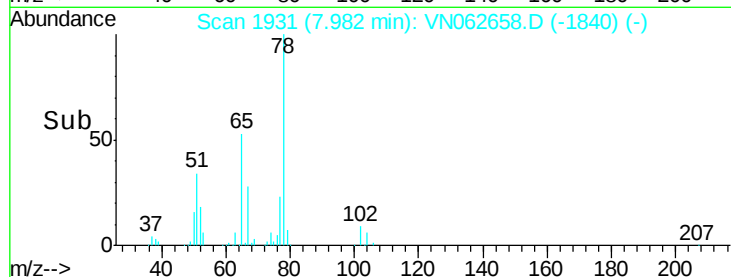
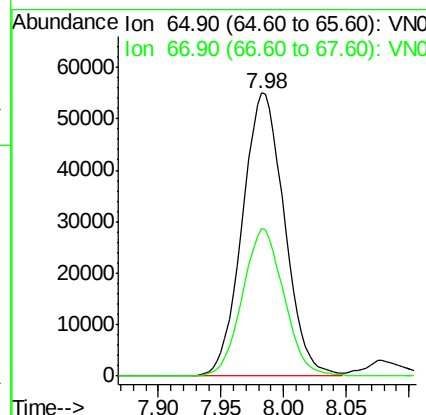
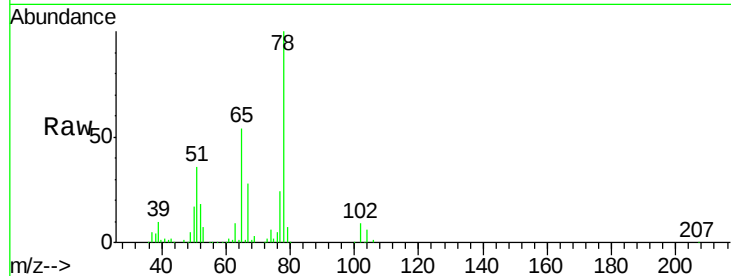




#33
 1,2-Dichloroethane-d4
 Concen: 47.207 ug/l
 RT: 7.98 min Scan# 1931
 Delta R.T. -0.01 min
 Lab File: VN062658.D
 Acq: 30 Jul 2020 9:16

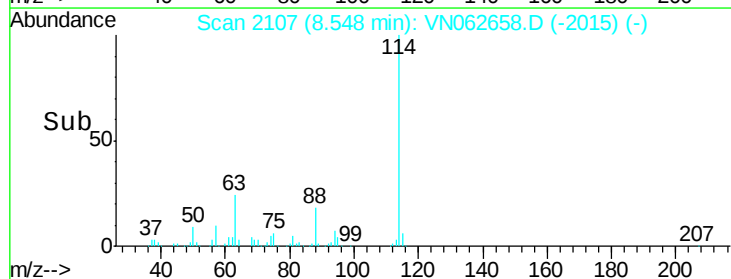
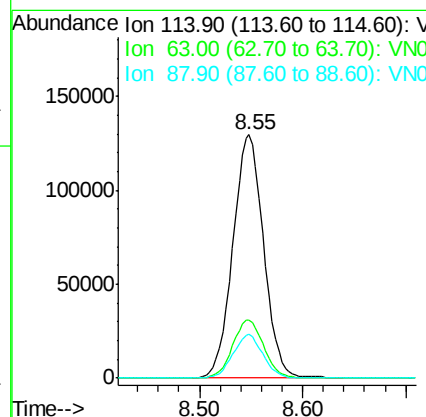
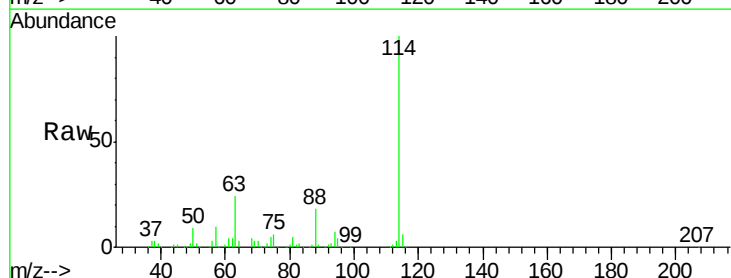
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

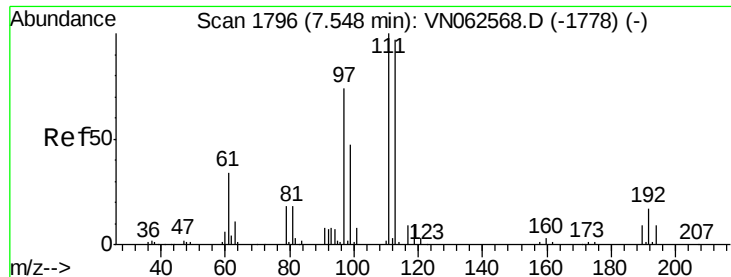
Tot Ion: 65 Resp: 128845
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 106.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN062658.D
 Acq: 30 Jul 2020 9:16

Tgt Ion: 114 Resp: 269374
 Ion Ratio Lower Upper
 114 100
 63 23.8 0.0 48.4
 88 18.0 0.0 33.8

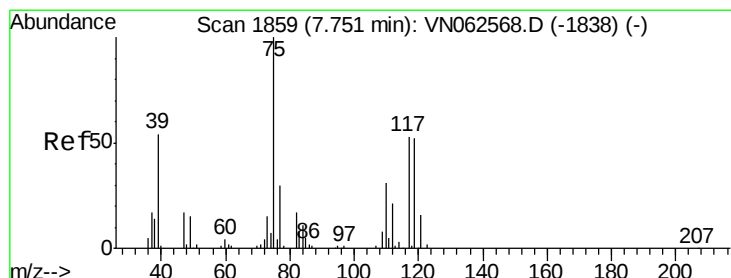
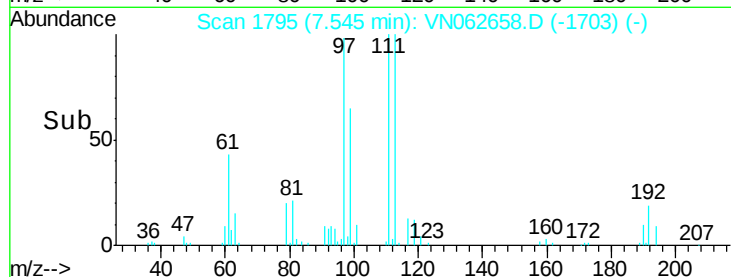
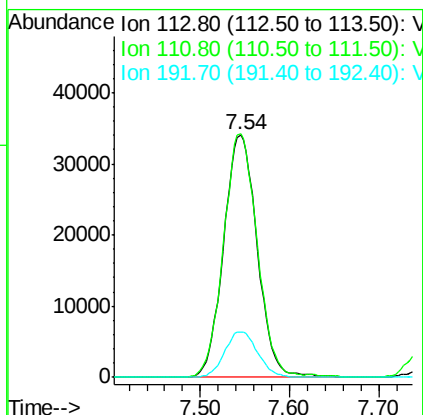
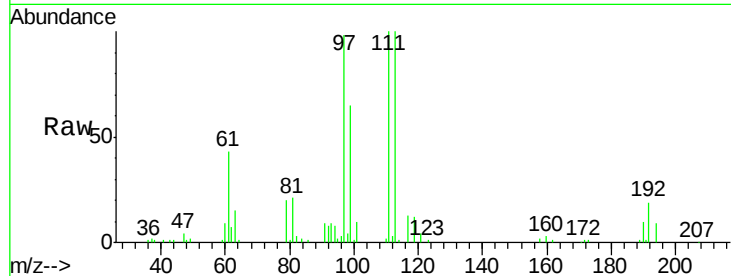




#35
 Dibromofluoromethane
 Concen: 50.117 ug/l
 RT: 7.54 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VN062658.D
 Acq: 30 Jul 2020 9:16

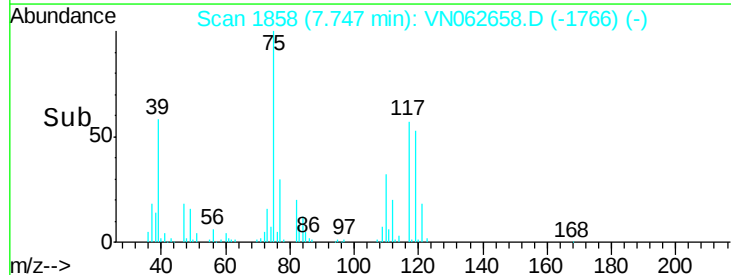
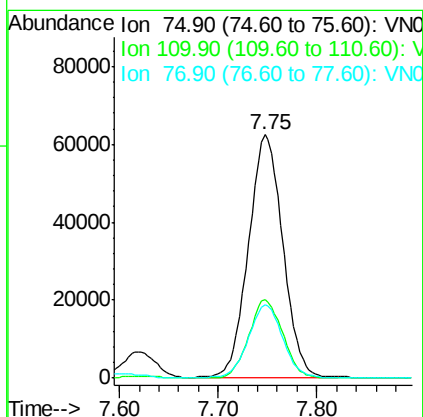
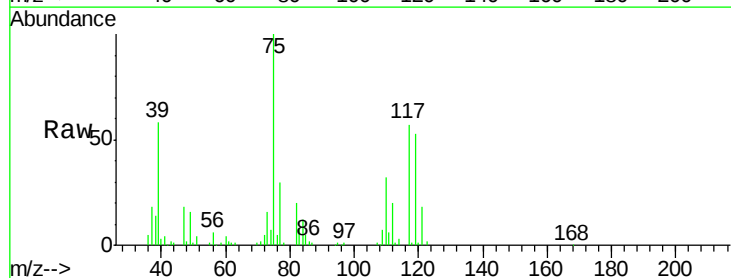
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

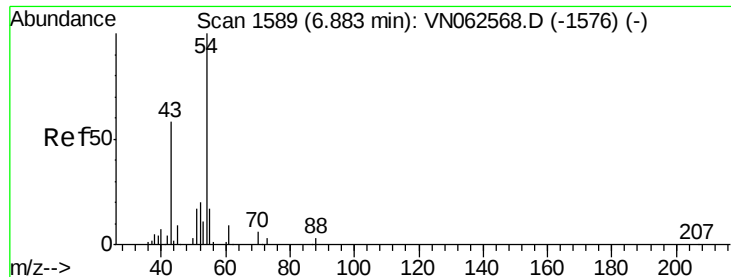
Tot Ion:113 Resp: 88677
 Ion Ratio Lower Upper
 113 100
 111 100.5 82.7 124.1
 192 18.5 14.8 22.2



#36
 1,1-Dichloropropene
 Concen: 52.550 ug/l
 RT: 7.75 min Scan# 1858
 Delta R.T. -0.00 min
 Lab File: VN062658.D
 Acq: 30 Jul 2020 9:16

Tgt Ion: 75 Resp: 150885
 Ion Ratio Lower Upper
 75 100
 110 31.6 16.0 48.0
 77 30.3 24.6 36.8

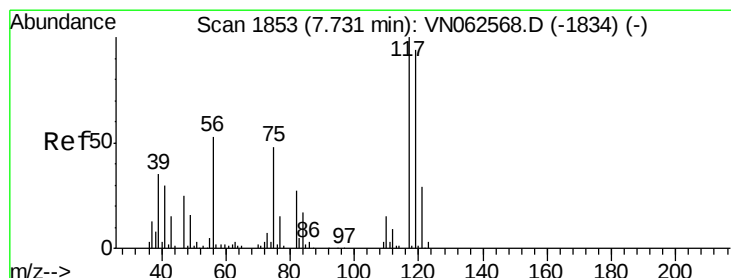
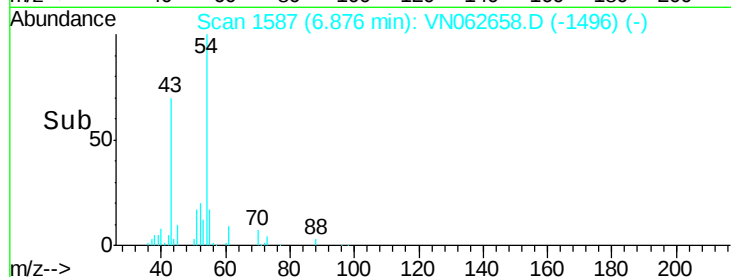
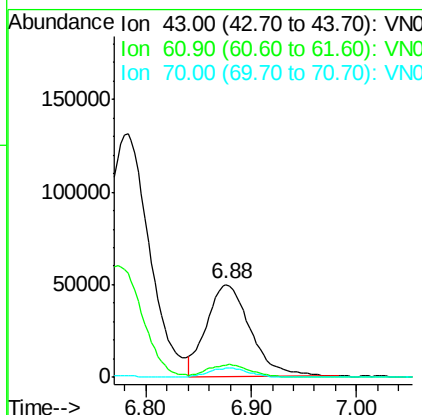
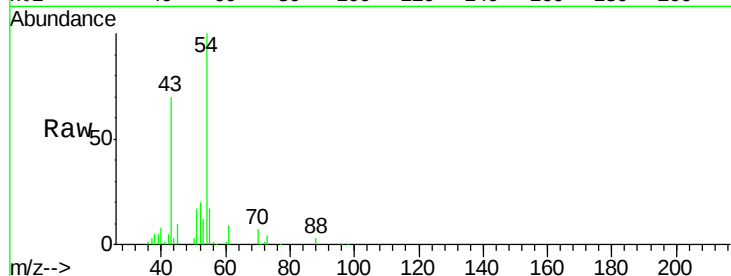




#37
Ethyl Acetate
Concen: 45.885 ug/l
RT: 6.88 min Scan# 1587
Delta R.T. -0.01 min
Lab File: VN062658.D
Acq: 30 Jul 2020 9:16

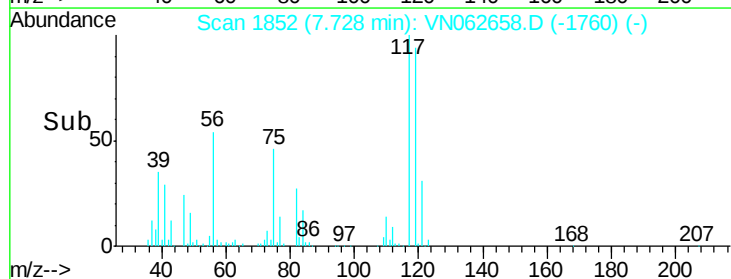
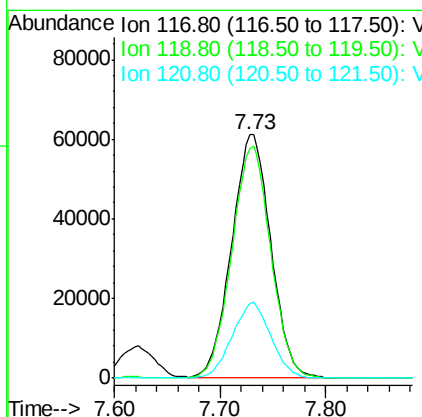
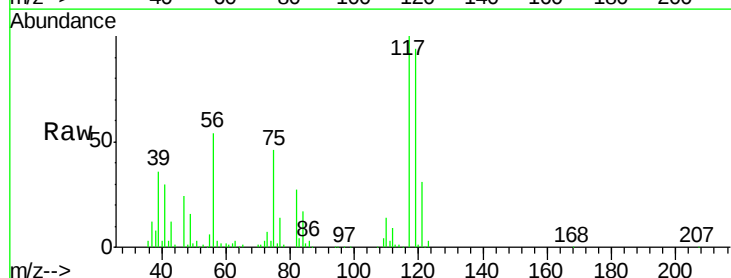
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

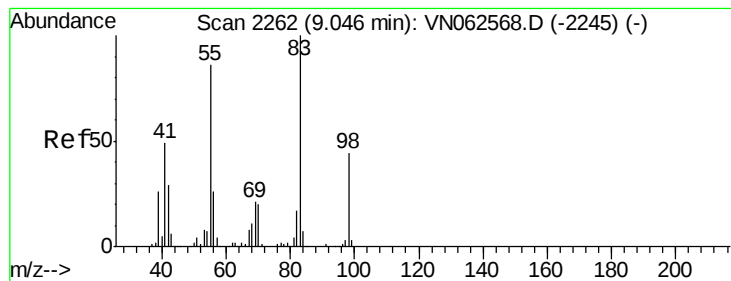
Tot Ion: 43 Resp: 142017
Ion Ratio Lower Upper
43 100
61 14.2 11.3 16.9
70 9.7 7.7 11.5



#38
Carbon Tetrachloride
Concen: 56.960 ug/l
RT: 7.73 min Scan# 1852
Delta R.T. -0.00 min
Lab File: VN062658.D
Acq: 30 Jul 2020 9:16

Tgt Ion: 117 Resp: 157203
Ion Ratio Lower Upper
117 100
119 94.0 74.8 112.2
121 30.7 23.0 34.6





#39

Methvlcvclohexane

Concen: 52.655 ug/l

RT: 9.05 min Scan# 2262

Delta R.T. -0.00 min

Lab File: VN062658.D

Acq: 30 Jul 2020 9:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

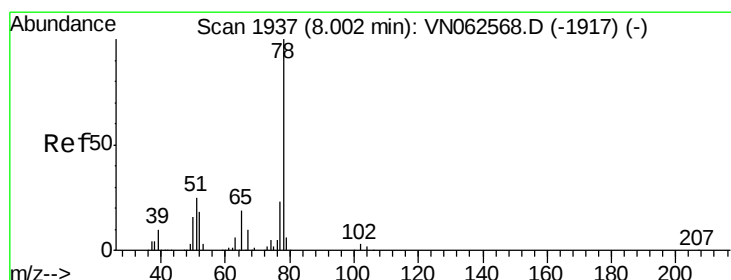
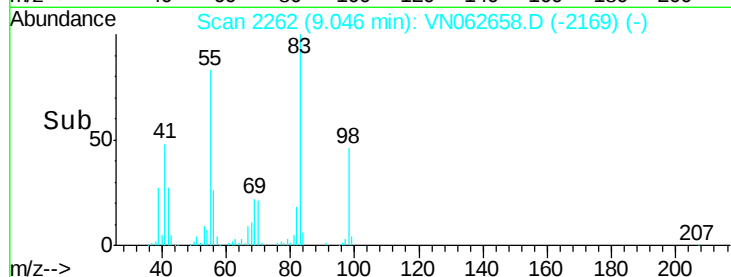
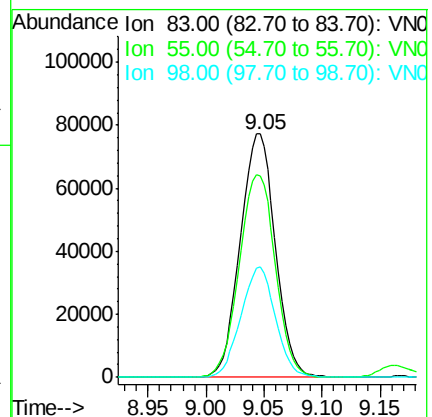
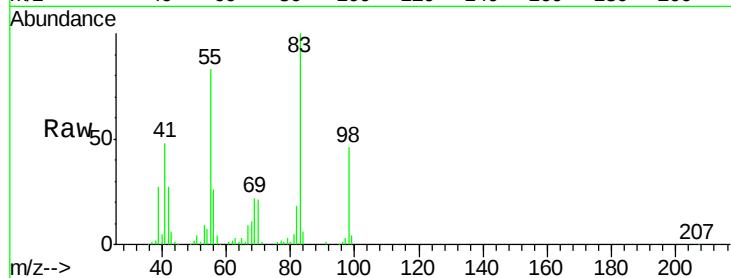
Tot Ion: 83 Resp: 162744

Ion Ratio Lower Upper

83 100

55 82.9 68.9 103.3

98 45.5 35.1 52.7



#40

Benzene

Concen: 49.219 ug/l

RT: 8.00 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VN062658.D

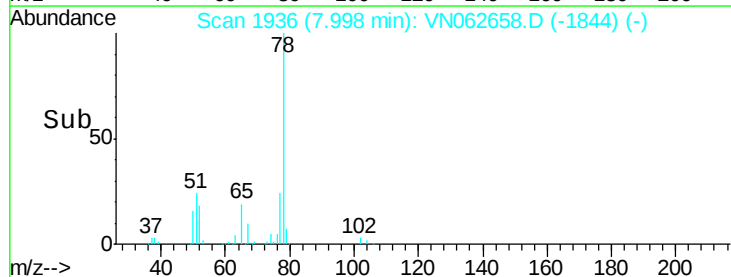
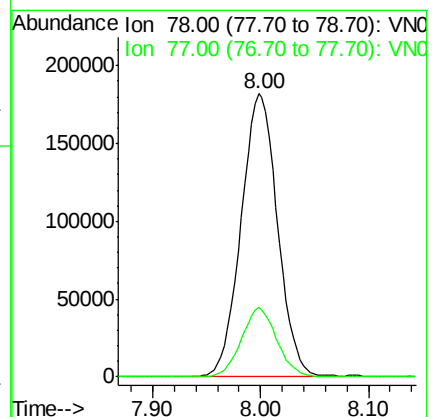
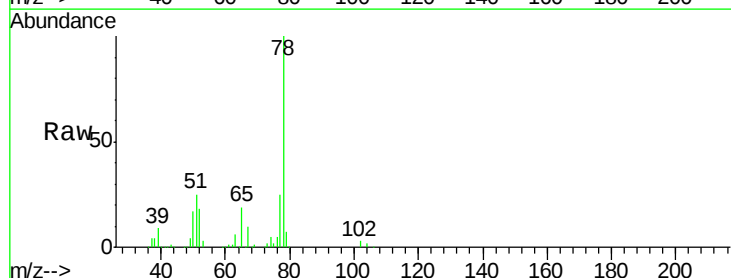
Acq: 30 Jul 2020 9:16

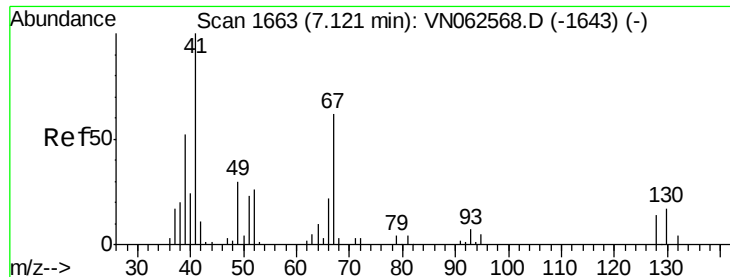
Tgt Ion: 78 Resp: 427836

Ion Ratio Lower Upper

78 100

77 24.5 18.7 28.1

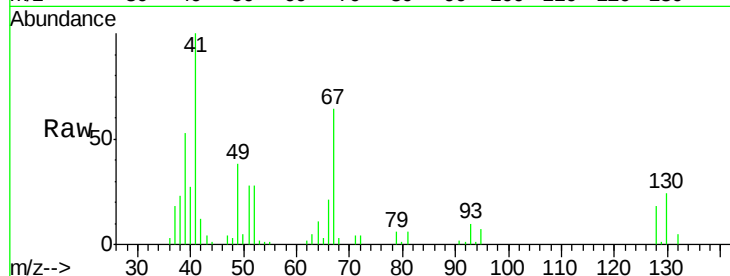




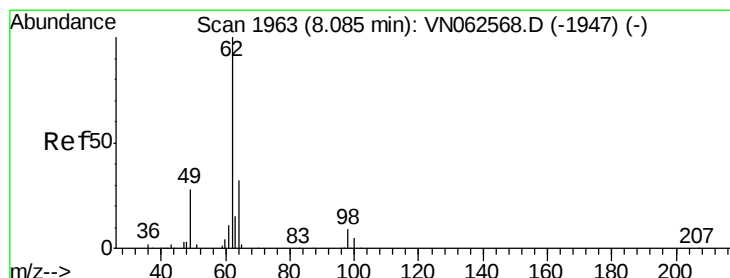
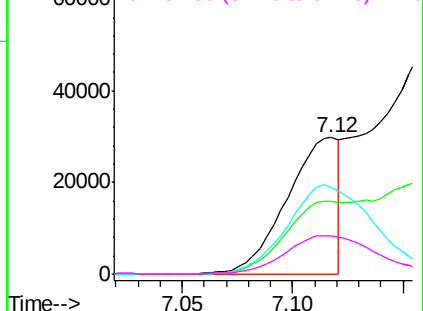
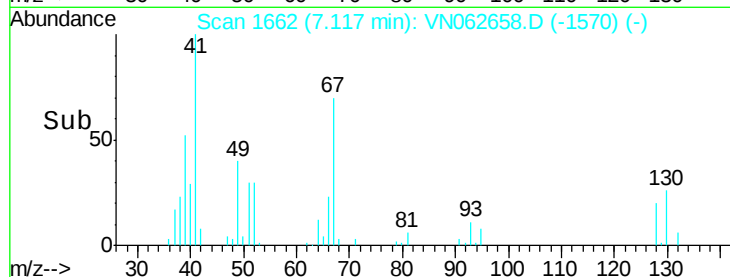
#41
Methacrylonitrile
Concen: 36.850 ug/l
RT: 7.12 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VN062658.D
Acq: 30 Jul 2020 9:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 41 Resp: 48880
Ion Ratio Lower Upper
41 100
39 60.6 55.8 83.6
67 111.1 72.5 108.7#
52 51.0 31.8 47.8#

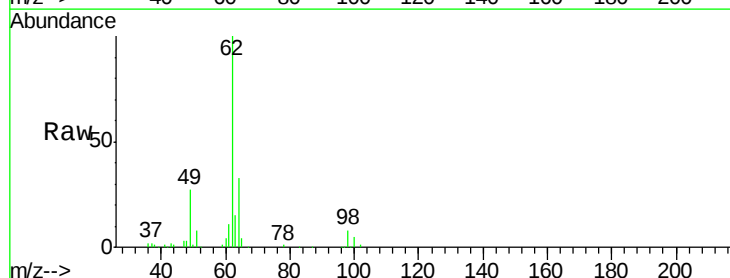


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

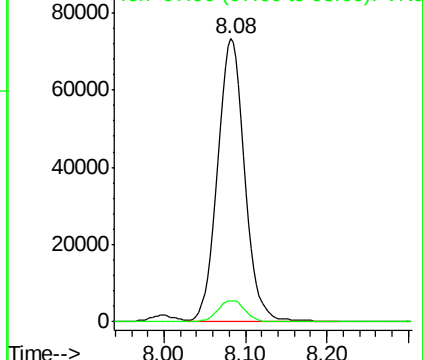
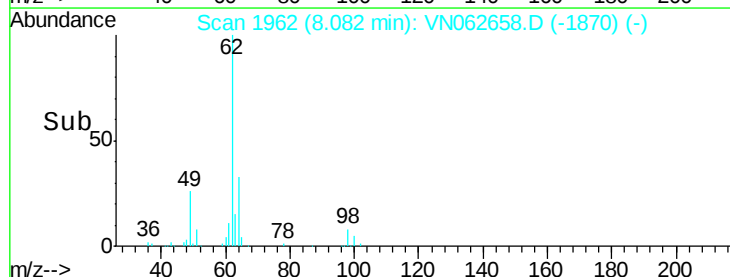


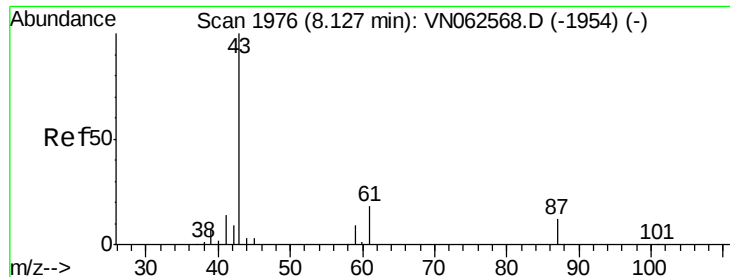
#42
1,2-Dichloroethane
Concen: 54.294 ug/l
RT: 8.08 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VN062658.D
Acq: 30 Jul 2020 9:16

Tgt Ion: 62 Resp: 172543
Ion Ratio Lower Upper
62 100
98 7.5 0.0 16.2



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 47.979 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN062658.D

Acq: 30 Jul 2020 9:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

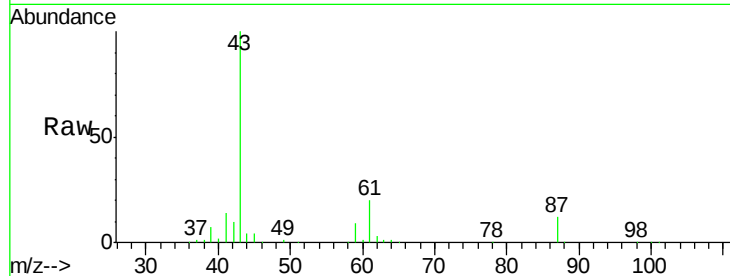
Tot Ion: 43 Resp: 239387

Ion Ratio Lower Upper

43 100

61 26.6 20.8 31.2

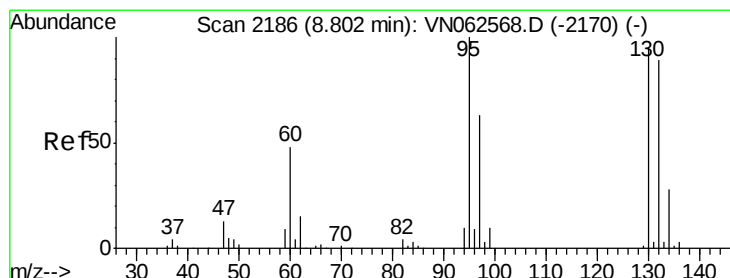
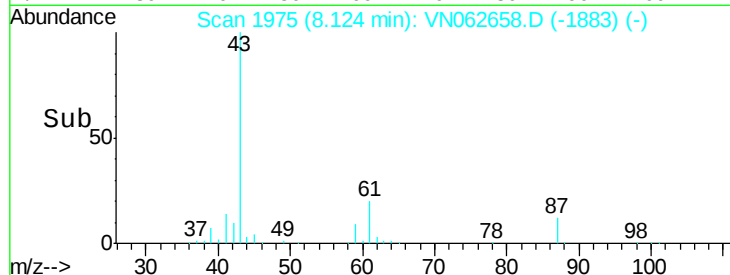
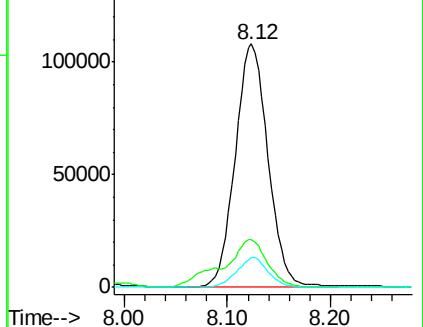
87 11.7 9.2 13.8



Abundance Ion 43.00 (42.70 to 43.70): VN062658.D (-1954) (-)

Ion 61.00 (60.70 to 61.70): VN062658.D (-1954) (-)

Ion 87.00 (86.70 to 87.70): VN062658.D (-1954) (-)



#44

Trichloroethene

Concen: 50.507 ug/l

RT: 8.80 min Scan# 2185

Delta R.T. -0.00 min

Lab File: VN062658.D

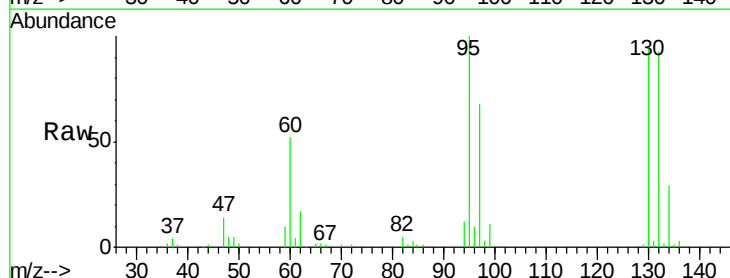
Acq: 30 Jul 2020 9:16

Tgt Ion:130 Resp: 99007

Ion Ratio Lower Upper

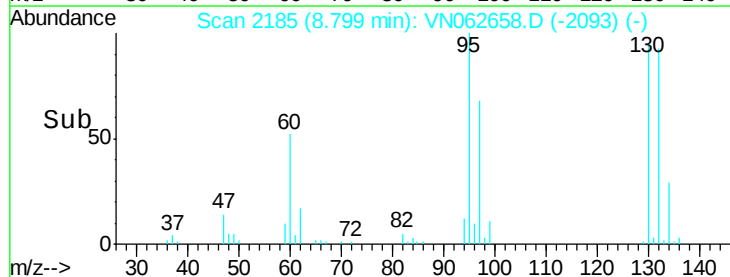
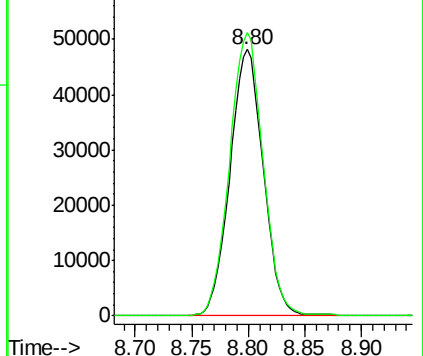
130 100

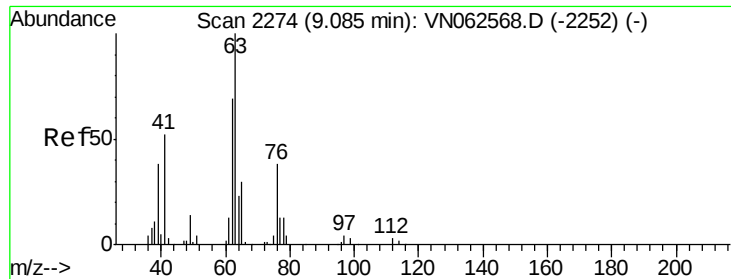
95 106.2 0.0 210.4



Abundance Ion 129.80 (129.50 to 130.50): VN062658.D (-2170) (-)

Ion 94.90 (94.60 to 95.60): VN062658.D (-2170) (-)

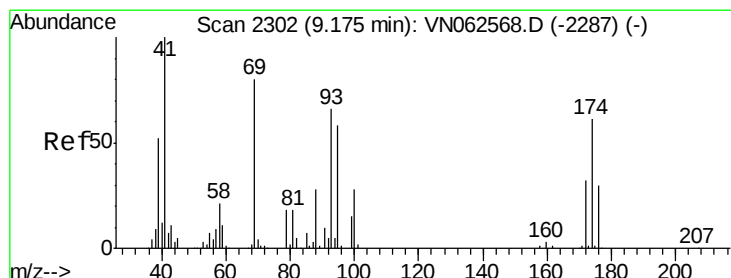
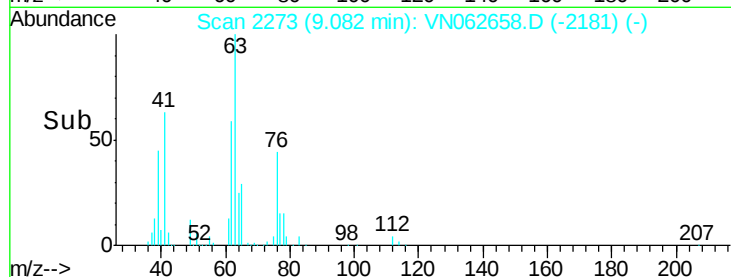
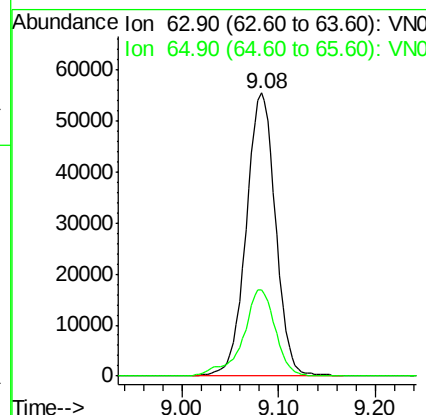
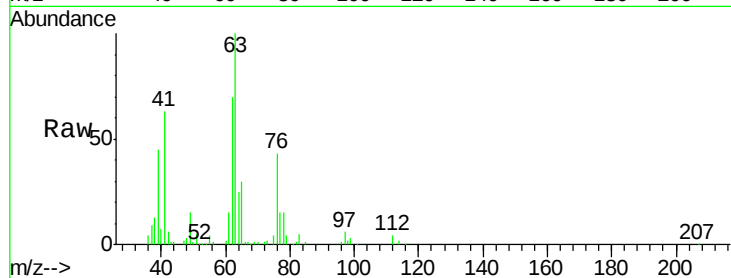




#45
 1,2-Dichloropropane
 Concen: 47.900 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: VN062658.D
 Acq: 30 Jul 2020 9:16

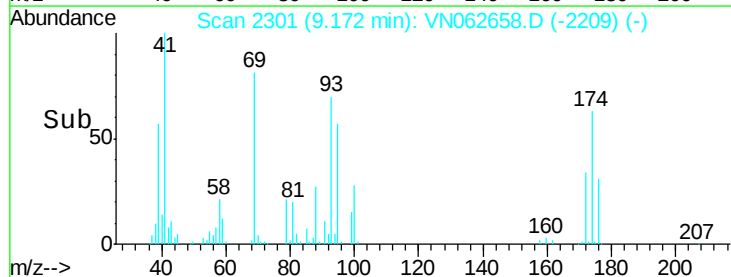
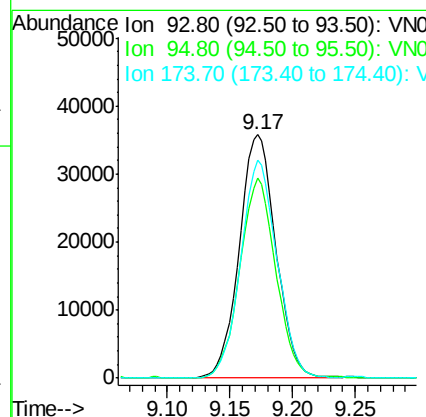
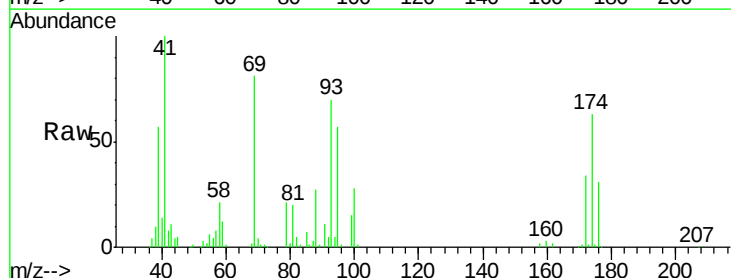
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

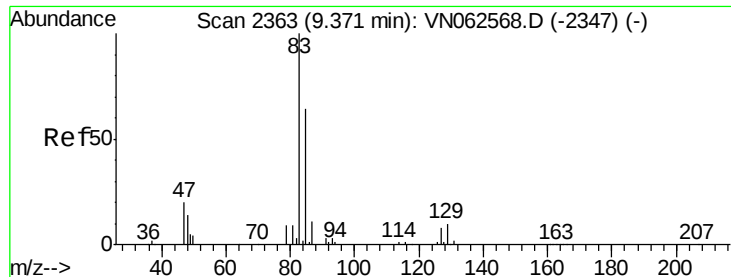
Tot Ion: 63 Resp: 116905
 Ion Ratio Lower Upper
 63 100
 65 30.4 24.4 36.6



#46
 Dibromomethane
 Concen: 51.511 ug/l
 RT: 9.17 min Scan# 2301
 Delta R.T. -0.00 min
 Lab File: VN062658.D
 Acq: 30 Jul 2020 9:16

Tgt Ion: 93 Resp: 72662
 Ion Ratio Lower Upper
 93 100
 95 80.9 67.6 101.4
 174 88.6 72.5 108.7





#47

Bromodichloromethane

Concen: 52.572 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN062658.D

Acq: 30 Jul 2020 9:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

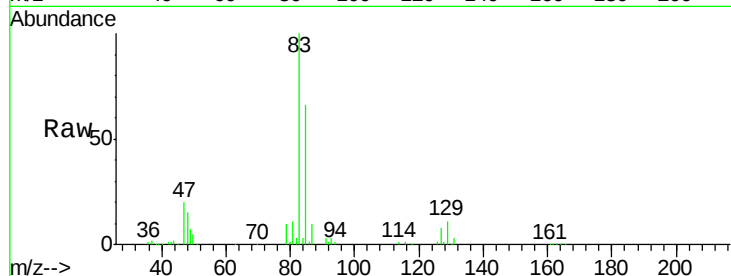
Tot Ion: 83 Resp: 160663

Ion Ratio Lower Upper

83 100

85 65.8 51.6 77.4

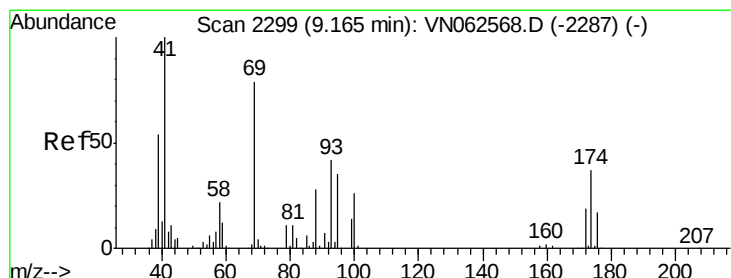
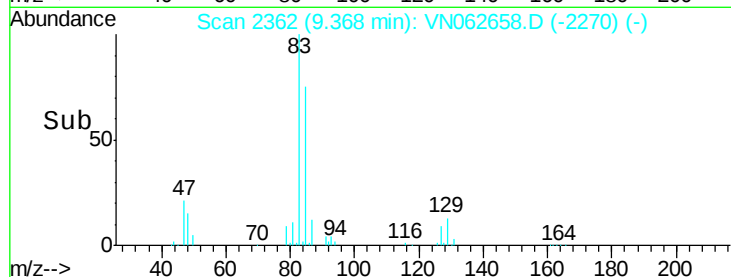
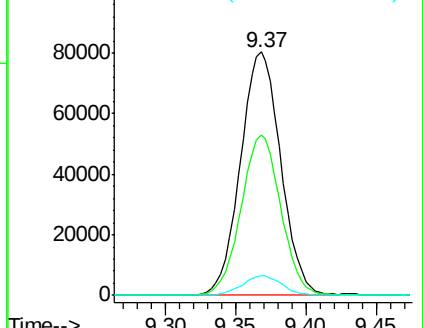
127 8.1 6.2 9.2



Abundance Ion 82.90 (82.60 to 83.60): VN062658.D (-2347) (-)

Ion 84.90 (84.60 to 85.60): VN062658.D (-2347) (-)

Ion 126.80 (126.50 to 127.50): VN062658.D (-2347) (-)



#48

Methyl methacrylate

Concen: 48.959 ug/l

RT: 9.16 min Scan# 2298

Delta R.T. -0.00 min

Lab File: VN062658.D

Acq: 30 Jul 2020 9:16

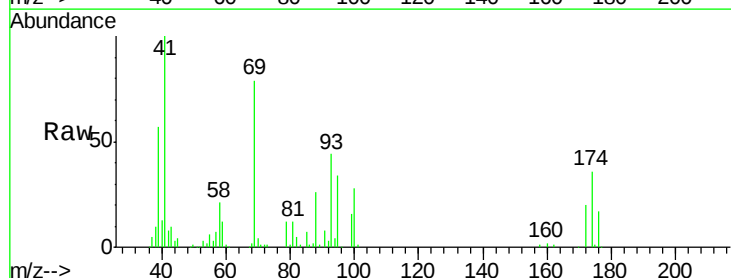
Tgt Ion: 41 Resp: 116121

Ion Ratio Lower Upper

41 100

69 80.9 64.4 96.6

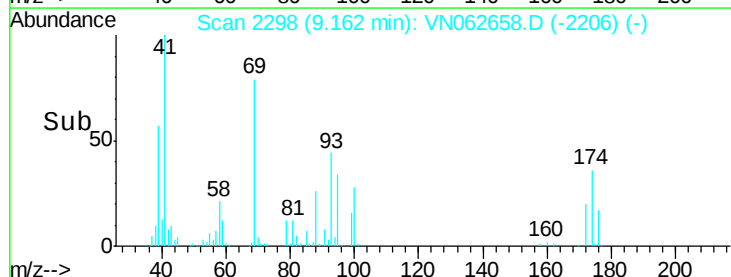
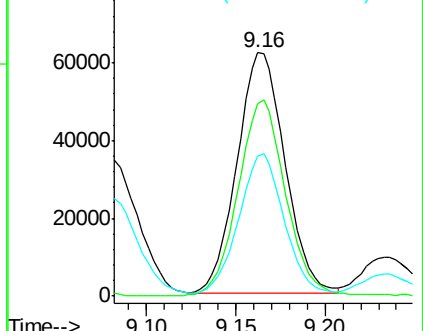
39 56.5 43.5 65.3

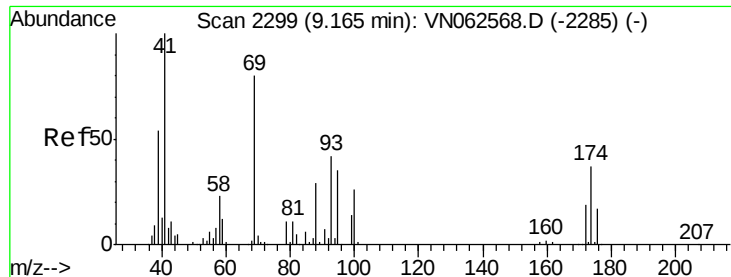


Abundance Ion 41.00 (40.70 to 41.70): VN062658.D (-2287) (-)

Ion 69.00 (68.70 to 69.70): VN062658.D (-2287) (-)

Ion 39.00 (38.70 to 39.70): VN062658.D (-2287) (-)

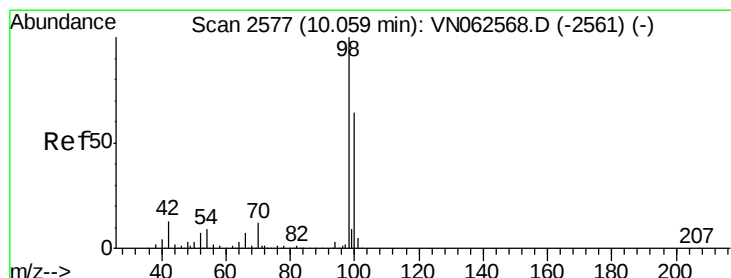
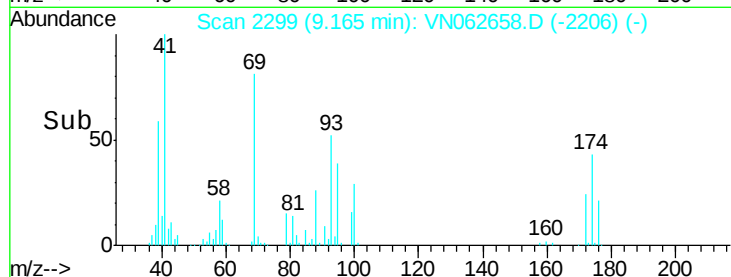
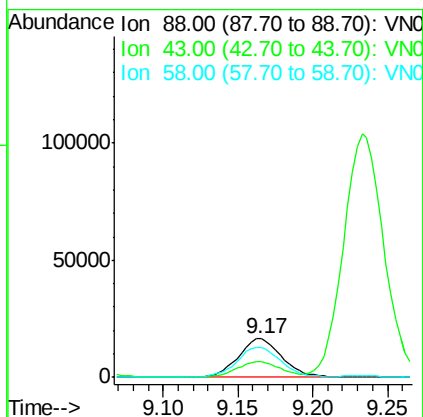
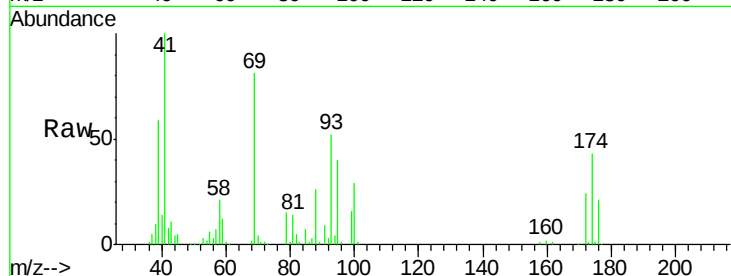




#49
1,4-Dioxane
Concen: 913.357 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062568.D
Acq: 30 Jul 2020 9:16

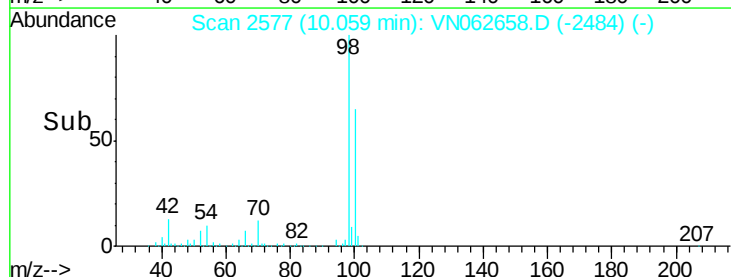
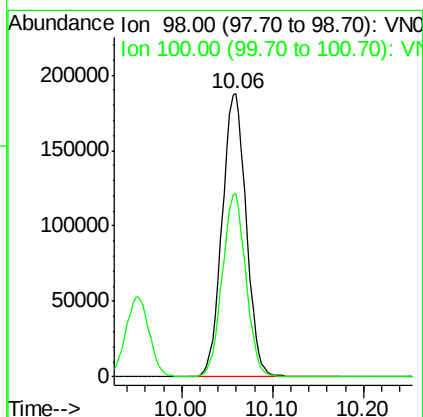
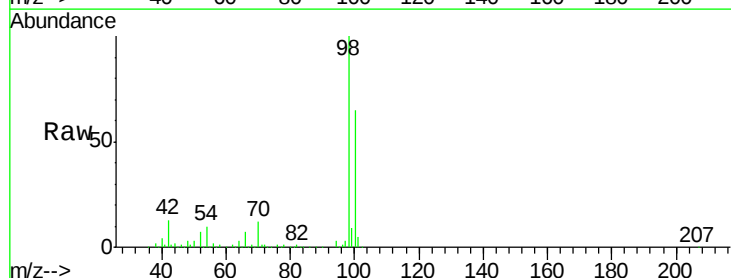
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

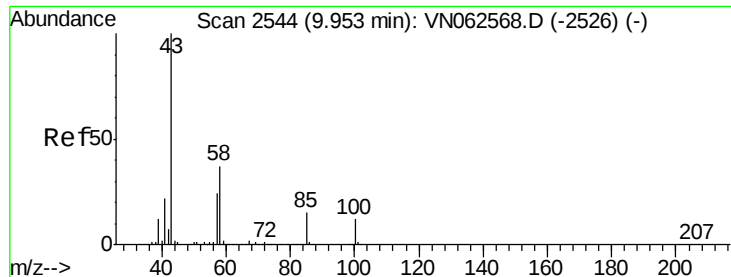
Tot Ion: 88 Resp: 33272
Ion Ratio Lower Upper
88 100
43 41.5 32.0 48.0
58 78.5 62.8 94.2



#50
Toluene-d8
Concen: 48.962 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062568.D
Acq: 30 Jul 2020 9:16

Tgt Ion: 98 Resp: 345664
Ion Ratio Lower Upper
98 100
100 63.1 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 244.543 ug/l

RT: 9.95 min Scan# 2543

Delta R.T. -0.00 min

Lab File: VN062658.D

Acq: 30 Jul 2020 9:16

Instrument :

MSVOA_N

ClientSampleId :

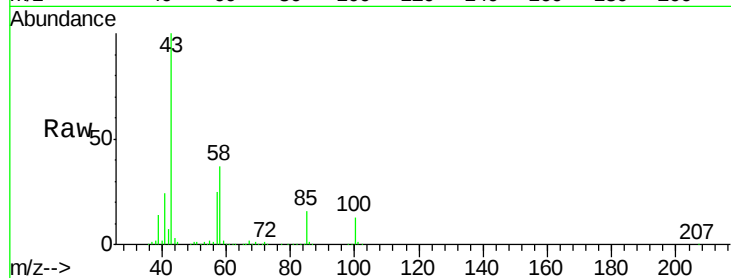
VSTDCCC050

Tot Ion: 43 Resp: 730052

Ion Ratio Lower Upper

43 100

58 37.6 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

9.95

400000

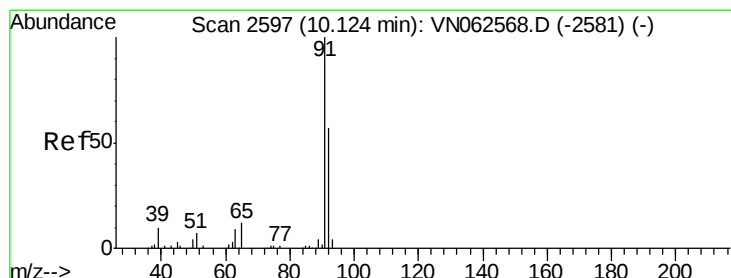
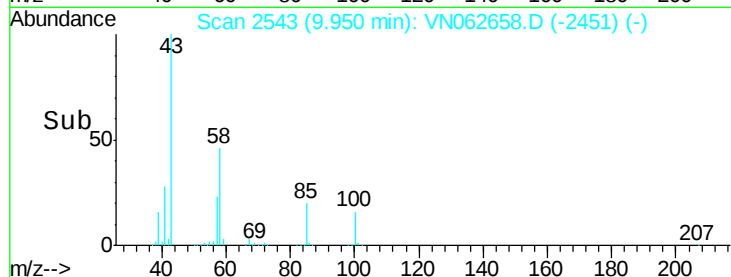
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 52.394 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062658.D

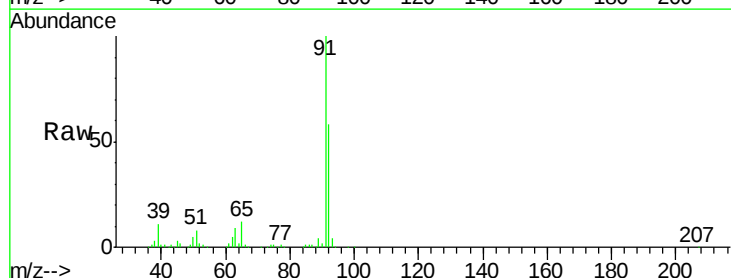
Acq: 30 Jul 2020 9:16

Tgt Ion: 92 Resp: 264459

Ion Ratio Lower Upper

92 100

91 171.9 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

10.12

250000

200000

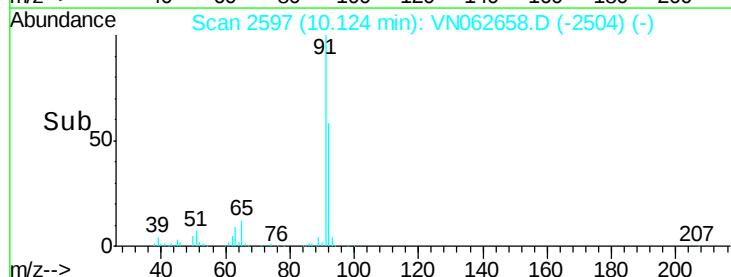
150000

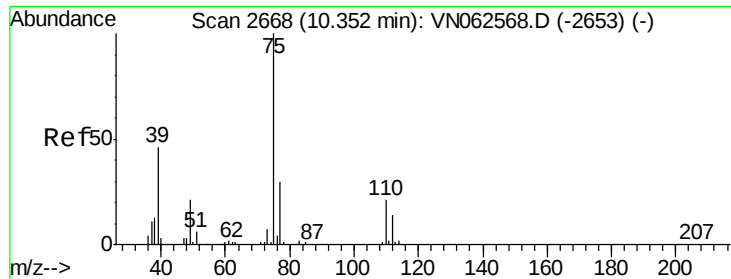
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 53.213 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN062658.D

Acq: 30 Jul 2020 9:16

Instrument :

MSVOA_N

ClientSampleId :

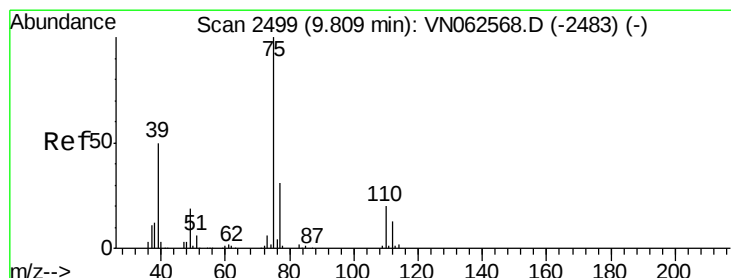
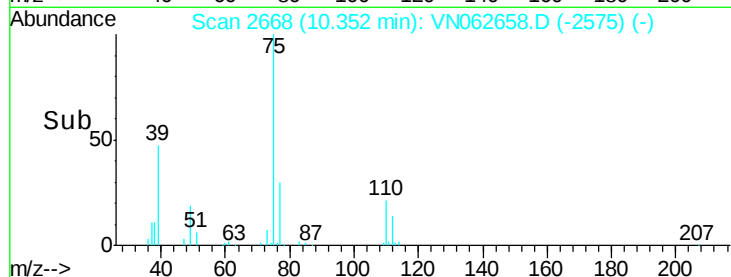
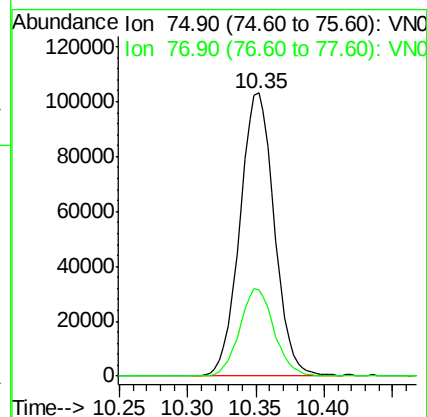
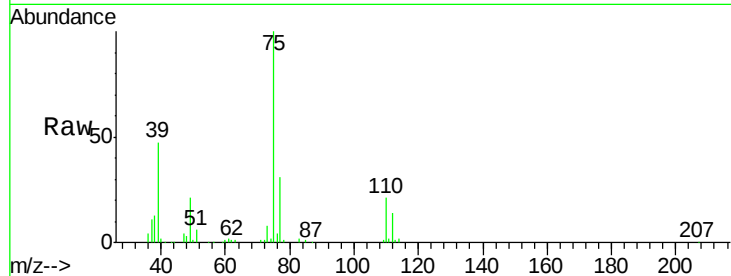
VSTDCCC050

Tot Ion: 75 Resp: 181033

Ion Ratio Lower Upper

75 100

77 30.6 24.3 36.5



#54

cis-1,3-Dichloropropene

Concen: 51.861 ug/l

RT: 9.81 min Scan# 2498

Delta R.T. -0.00 min

Lab File: VN062658.D

Acq: 30 Jul 2020 9:16

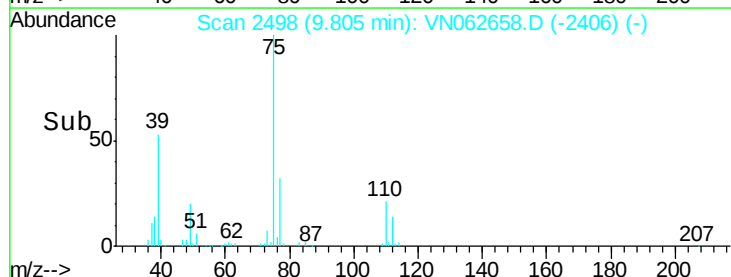
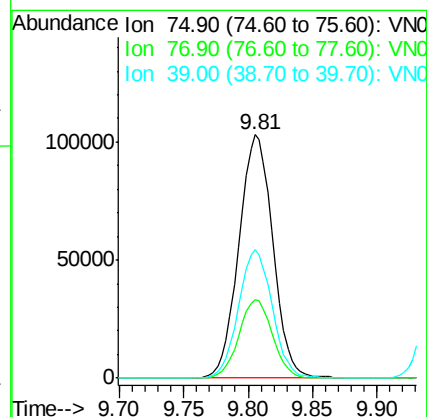
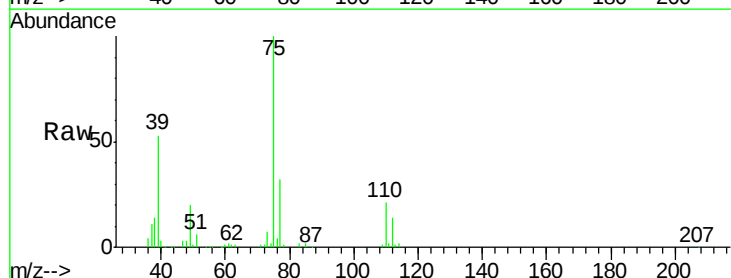
Tgt Ion: 75 Resp: 189318

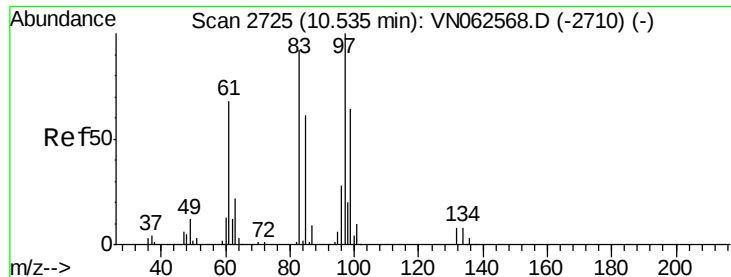
Ion Ratio Lower Upper

75 100

77 32.2 25.0 37.6

39 52.9 39.8 59.8





#55

1,1,2-Trichloroethane

Concen: 52.212 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.00 min

Lab File: VN062658.D

Acq: 30 Jul 2020 9:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 102224

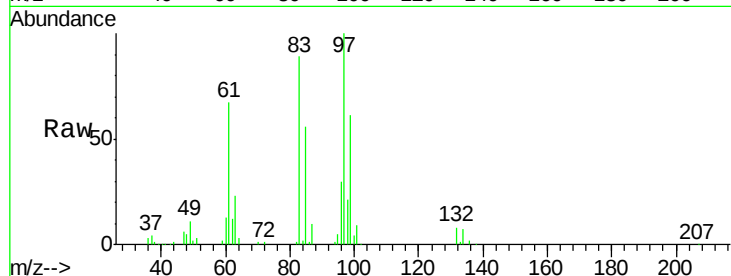
Ion Ratio Lower Upper

97 100

83 89.0 73.7 110.5

85 56.1 48.5 72.7

99 61.2 50.8 76.2

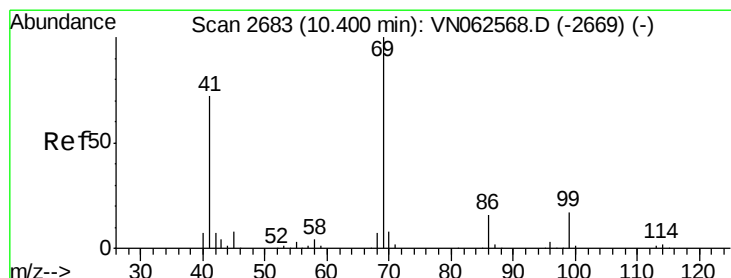
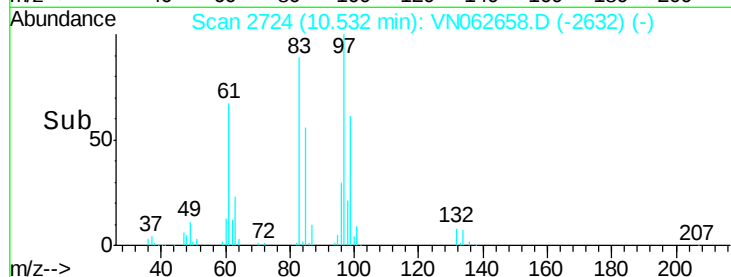
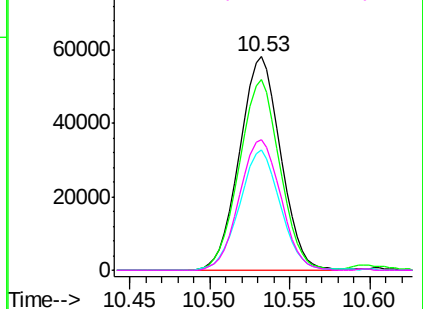


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 46.491 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. 0.00 min

Lab File: VN062658.D

Acq: 30 Jul 2020 9:16

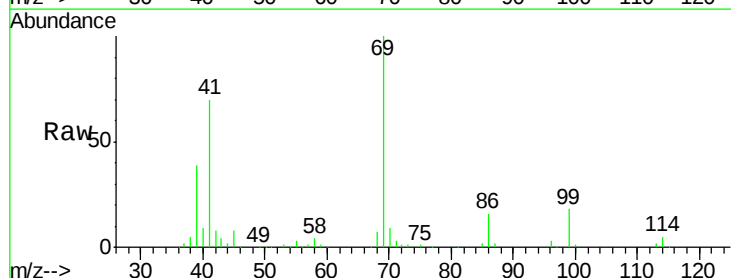
Tgt Ion: 69 Resp: 162991

Ion Ratio Lower Upper

69 100

41 70.2 57.2 85.8

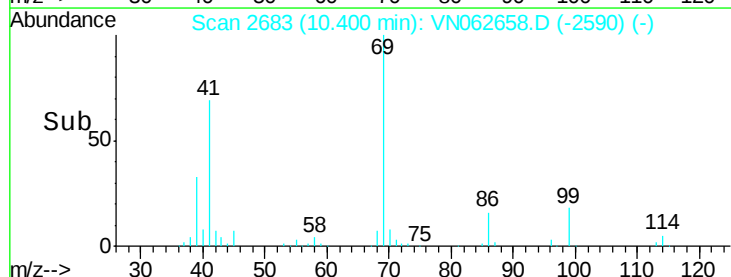
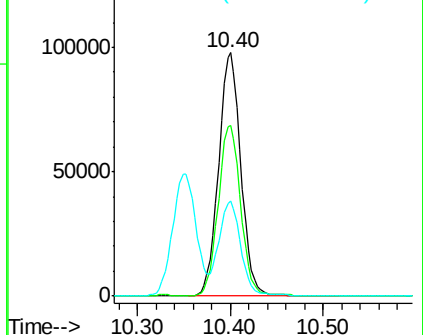
39 39.2 28.6 43.0

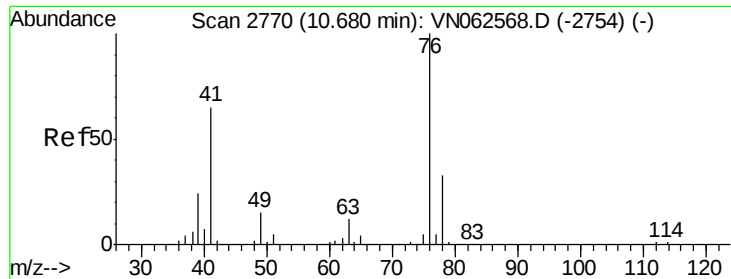


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

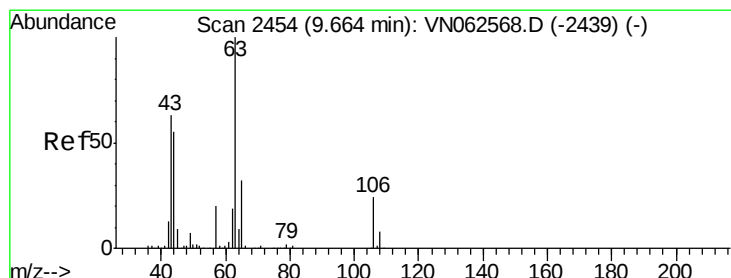
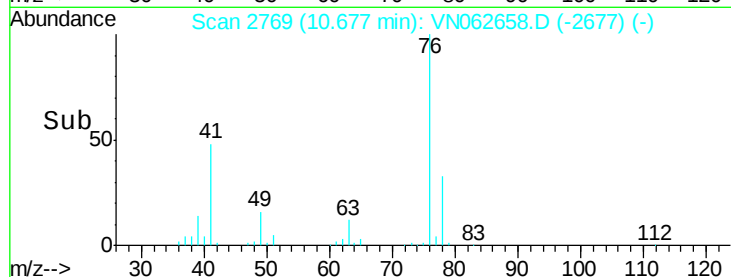
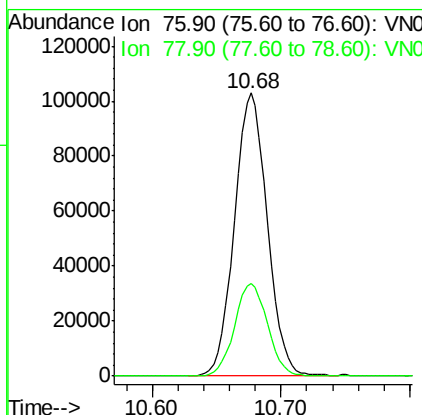
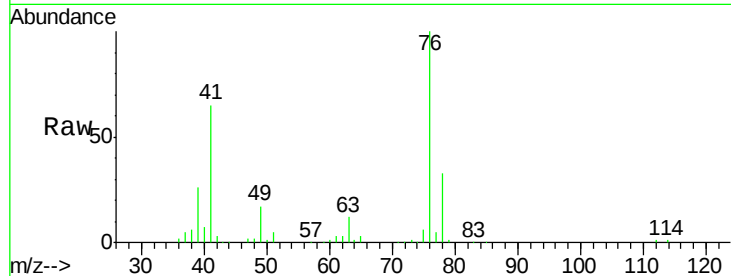




#57
 1,3-Dichloropropane
 Concen: 50.757 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN062658.D
 Acq: 30 Jul 2020 9:16

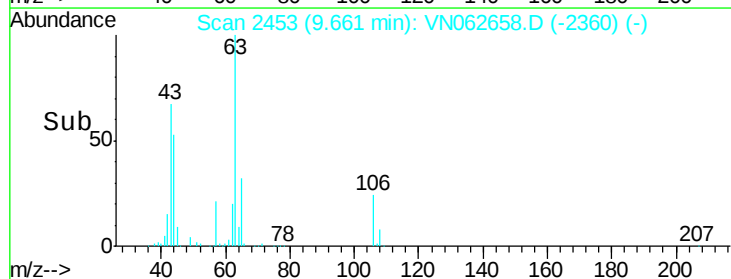
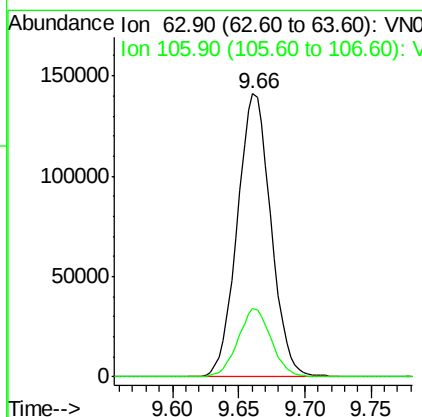
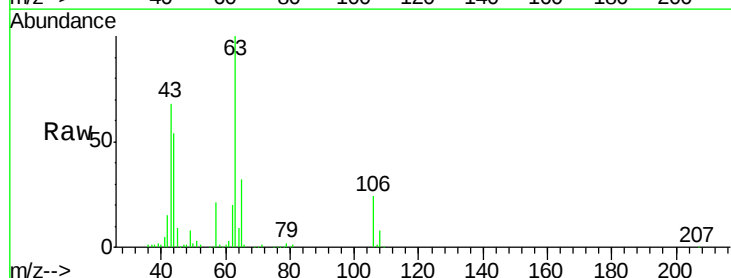
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

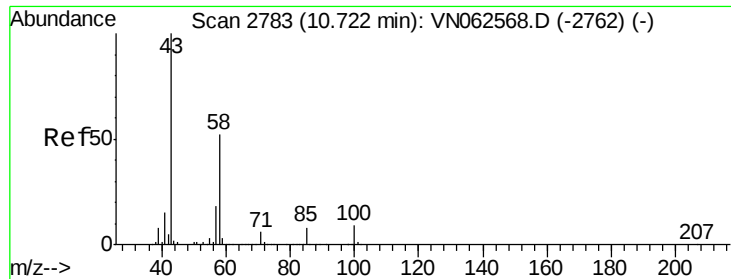
Tot Ion: 76 Resp: 182057
 Ion Ratio Lower Upper
 76 100
 78 33.1 26.3 39.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 236.015 ug/l
 RT: 9.66 min Scan# 2453
 Delta R.T. -0.00 min
 Lab File: VN062658.D
 Acq: 30 Jul 2020 9:16

Tgt Ion: 63 Resp: 248994
 Ion Ratio Lower Upper
 63 100
 106 23.8 18.9 28.3

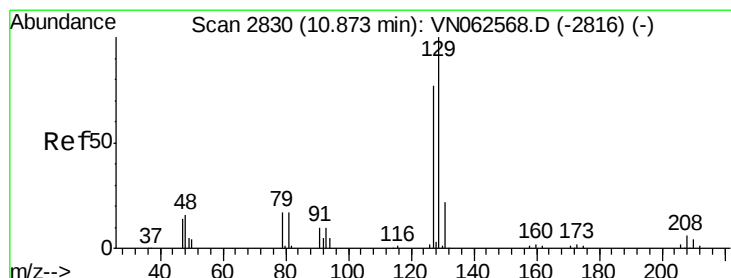
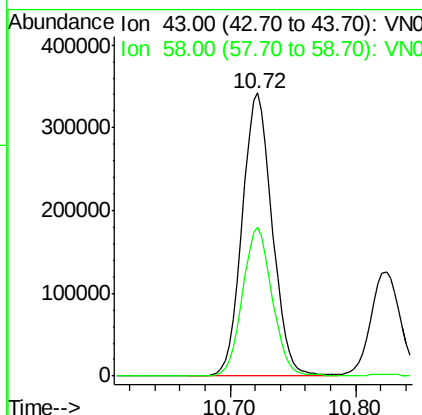
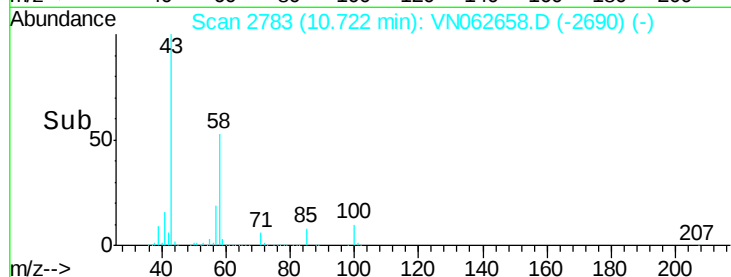
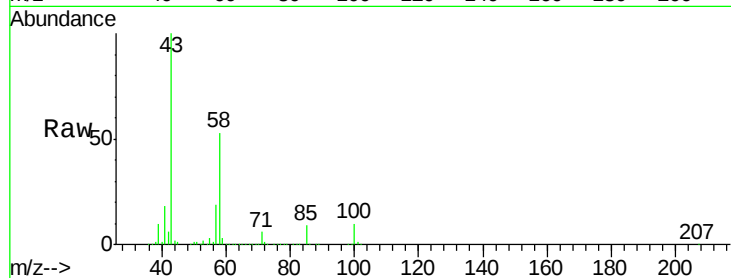




#59
2-Hexanone
Concen: 246.730 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN062658.D
Acq: 30 Jul 2020 9:16

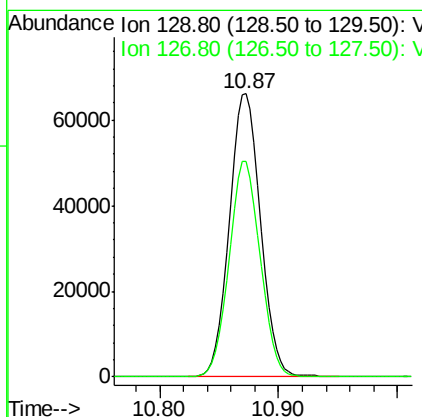
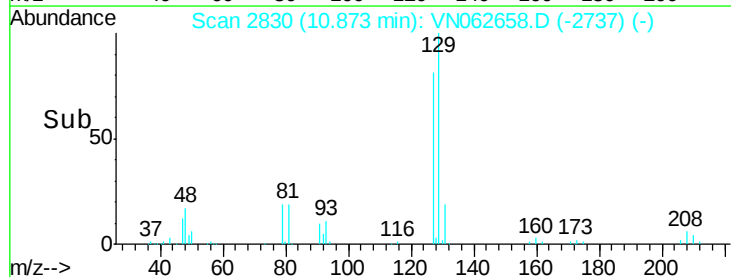
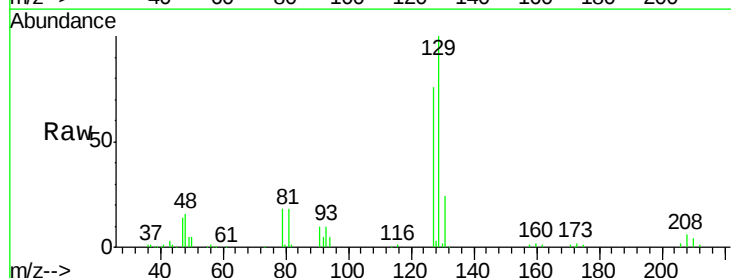
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

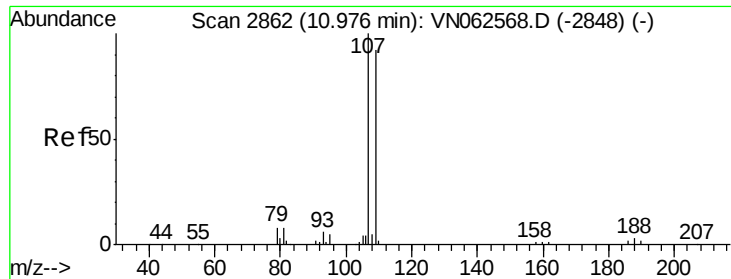
Tot Ion: 43 Resp: 569560
Ion Ratio Lower Upper
43 100
58 51.9 26.0 78.0



#60
Dibromochloromethane
Concen: 55.066 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062658.D
Acq: 30 Jul 2020 9:16

Tgt Ion: 129 Resp: 120273
Ion Ratio Lower Upper
129 100
127 75.9 38.0 113.9

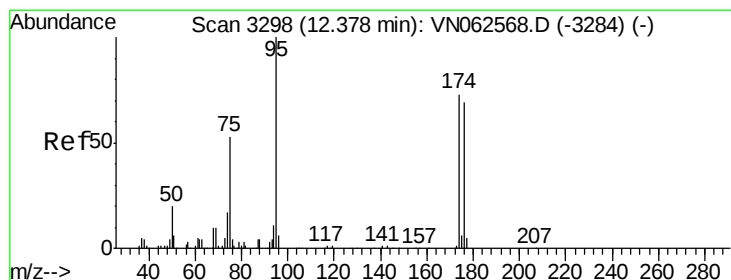
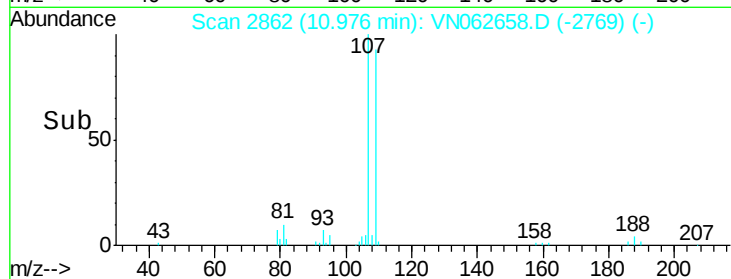
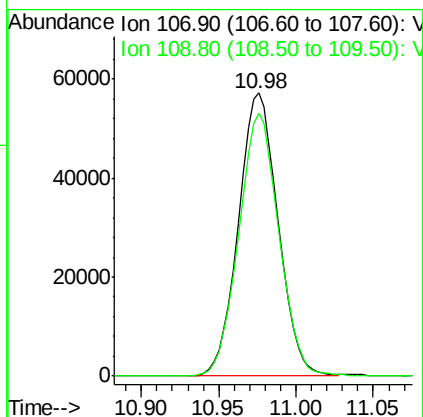
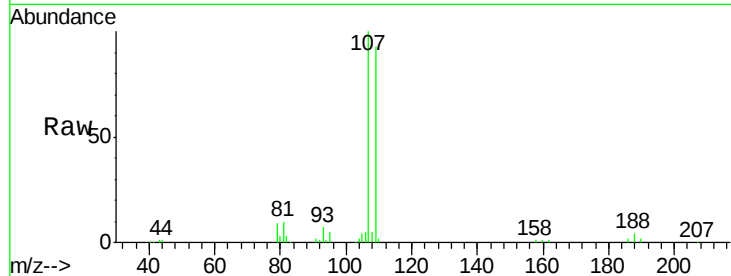




#61
 1,2-Dibromoethane
 Concen: 49.907 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN062658.D
 Acq: 30 Jul 2020 9:16

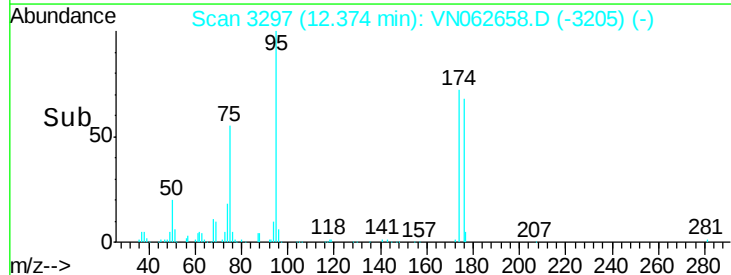
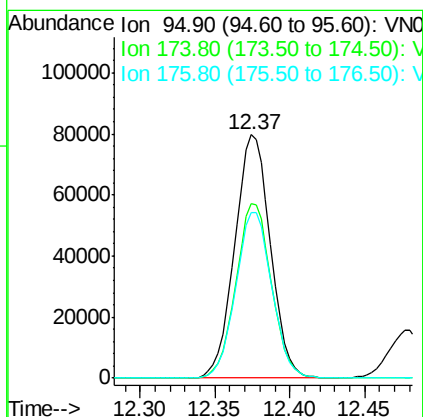
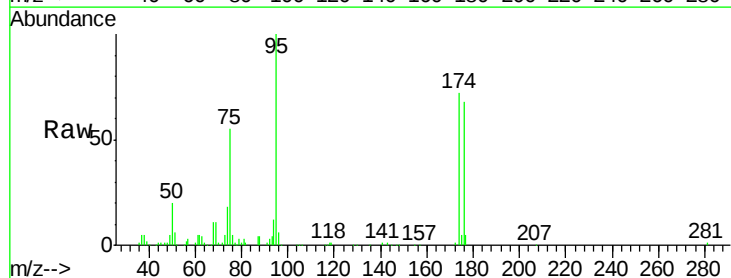
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

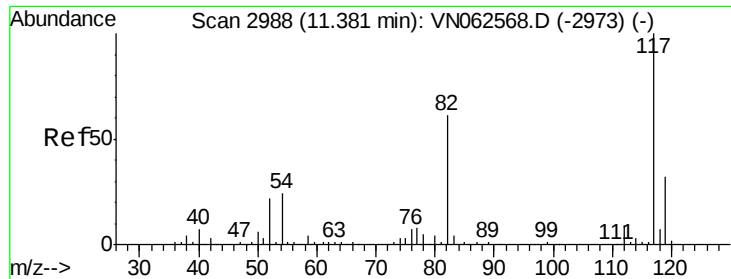
Tot Ion:107 Resp: 101746
 Ion Ratio Lower Upper
 107 100
 109 94.0 73.8 110.6



#62
 4-Bromofluorobenzene
 Concen: 51.263 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VN062658.D
 Acq: 30 Jul 2020 9:16

Tgt Ion: 95 Resp: 132329
 Ion Ratio Lower Upper
 95 100
 174 71.6 0.0 144.6
 176 69.0 0.0 139.4

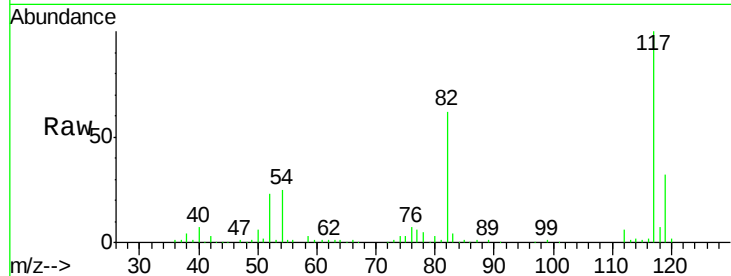




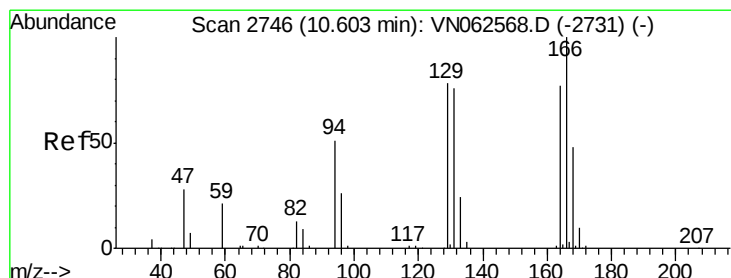
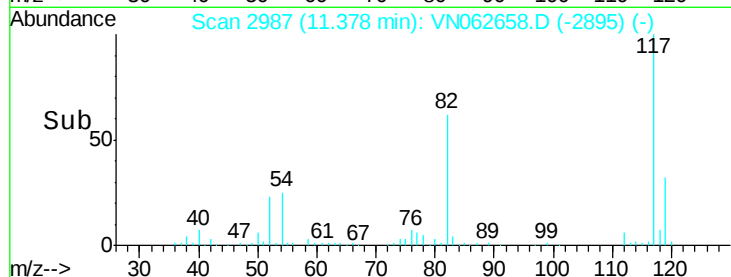
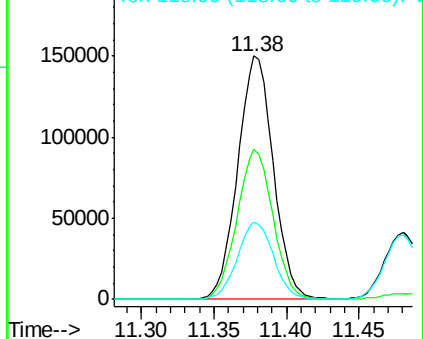
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2987
Delta R.T. -0.00 min
Lab File: VN062658.D
Acq: 30 Jul 2020 9:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:117 Resp: 256829
Ion Ratio Lower Upper
117 100
82 61.6 49.0 73.6
119 31.6 25.4 38.2

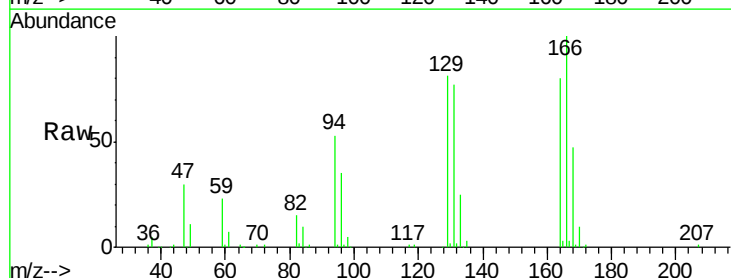


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

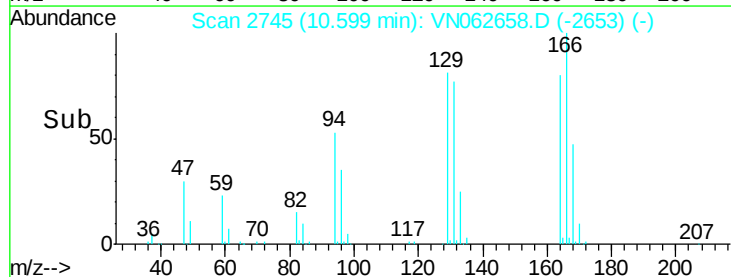
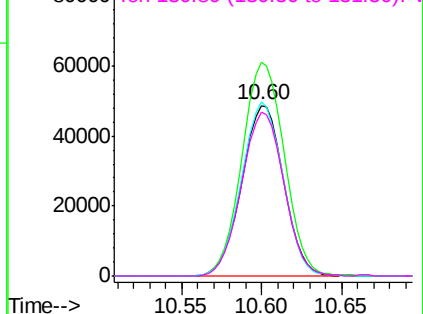


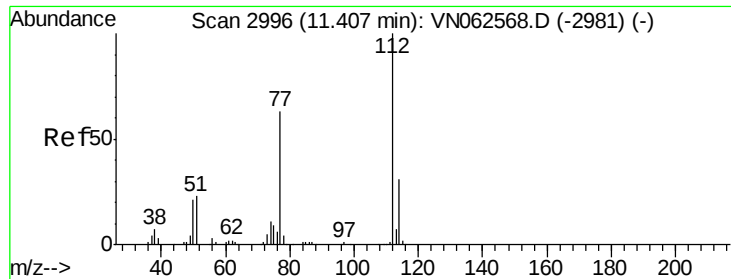
#64
Tetrachloroethene
Concen: 52.214 ug/l
RT: 10.60 min Scan# 2745
Delta R.T. -0.00 min
Lab File: VN062658.D
Acq: 30 Jul 2020 9:16

Tgt Ion:164 Resp: 87129
Ion Ratio Lower Upper
164 100
166 125.0 104.4 156.6
129 101.5 81.0 121.4
131 95.8 79.4 119.2



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





#65

Chlorobenzene

Concen: 50.549 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN062658.D

Acq: 30 Jul 2020 9:16

Instrument :

MSVOA_N

ClientSampleId :

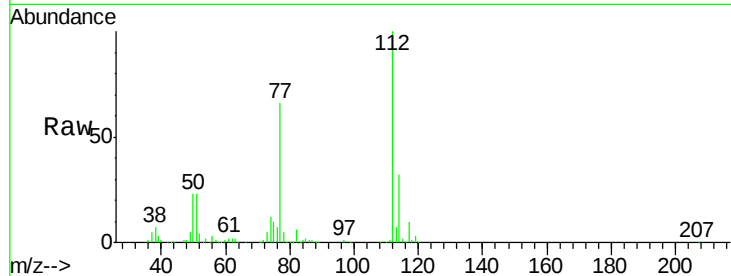
VSTDCCC050

Tot Ion:112 Resp: 272169

Ion Ratio Lower Upper

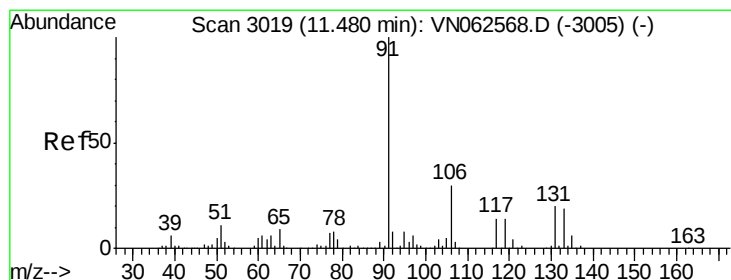
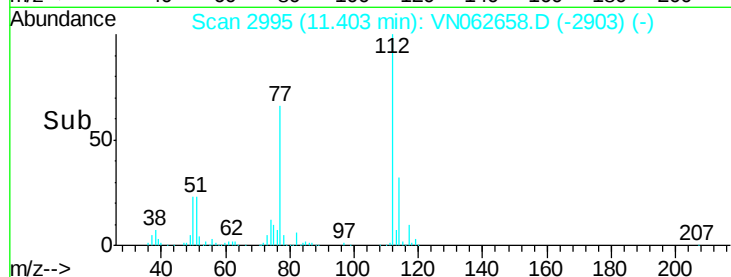
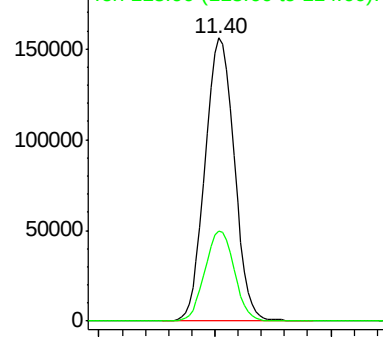
112 100

114 32.1 25.1 37.7



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 52.803 ug/l

RT: 11.48 min Scan# 3019

Delta R.T. -0.00 min

Lab File: VN062658.D

Acq: 30 Jul 2020 9:16

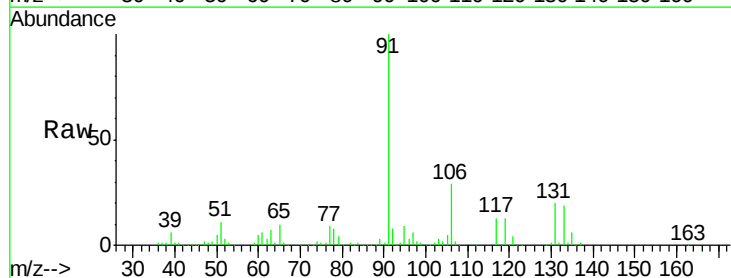
Tgt Ion:131 Resp: 106955

Ion Ratio Lower Upper

131 100

133 95.5 47.3 142.0

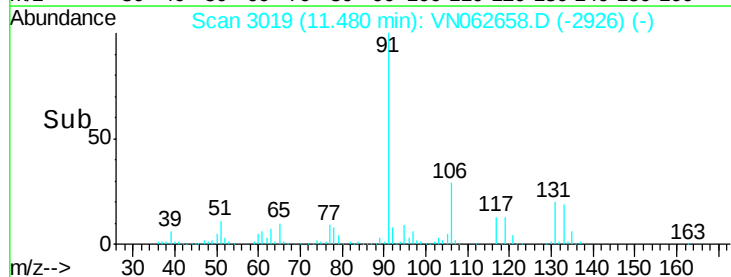
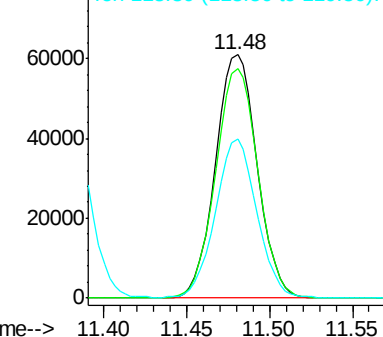
119 64.8 33.7 101.0

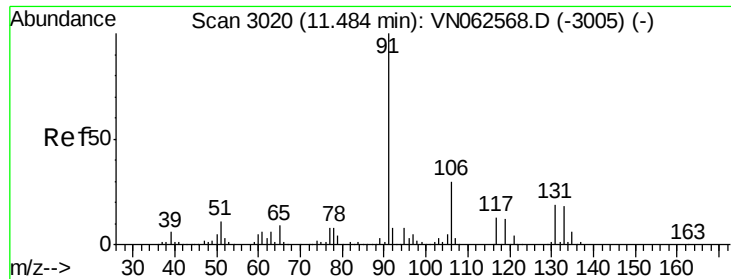


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

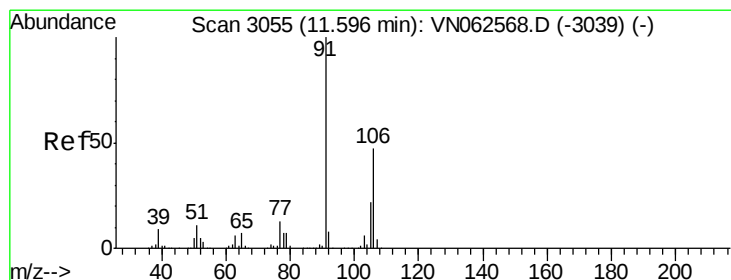
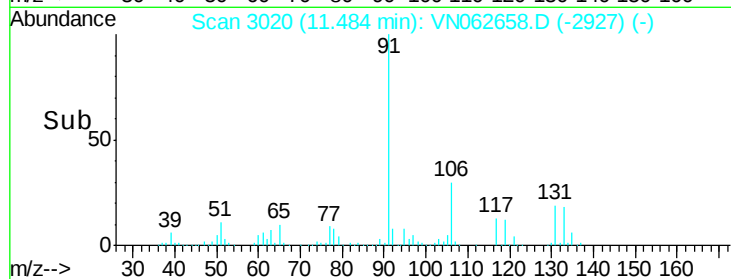
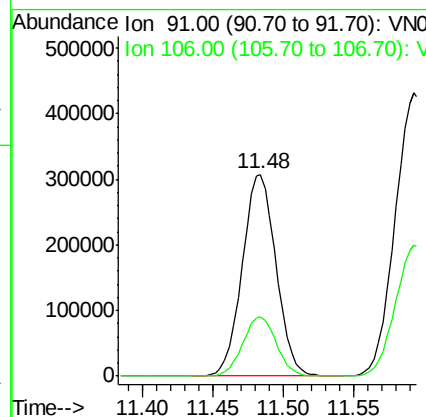
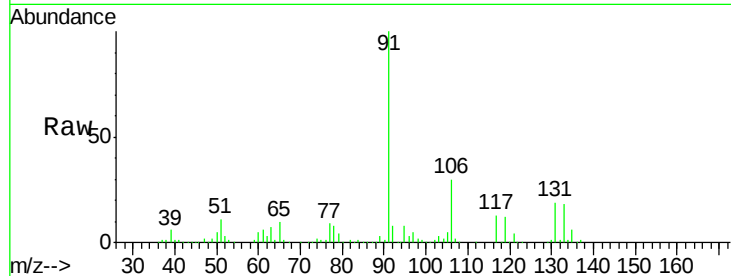




#67
Ethyl Benzene
Concen: 52.234 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062658.D
Acq: 30 Jul 2020 9:16

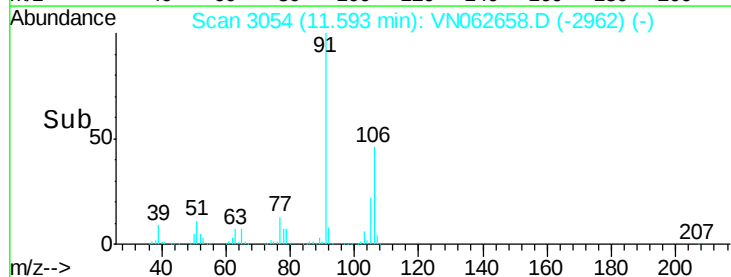
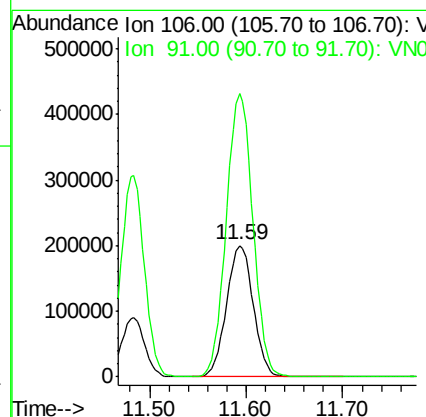
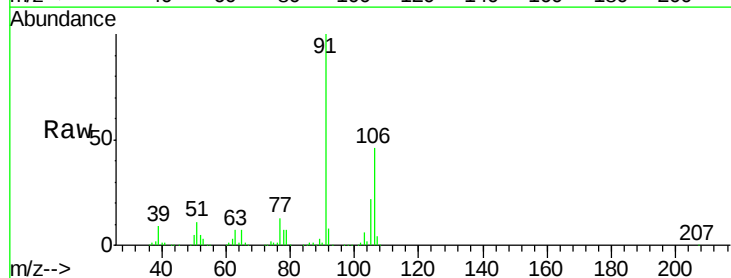
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

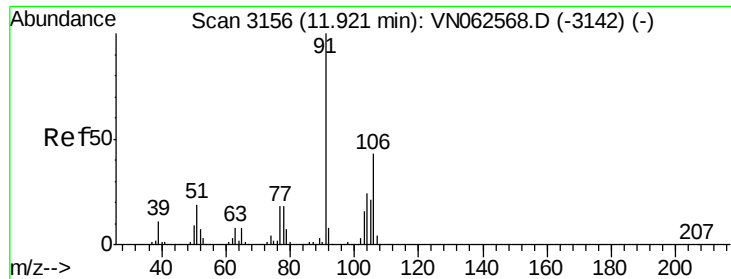
Tot Ion: 91 Resp: 515664
Ion Ratio Lower Upper
91 100
106 29.5 23.8 35.8



#68
m/p-Xylenes
Concen: 108.584 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN062658.D
Acq: 30 Jul 2020 9:16

Tgt Ion: 106 Resp: 385291
Ion Ratio Lower Upper
106 100
91 214.4 171.4 257.2

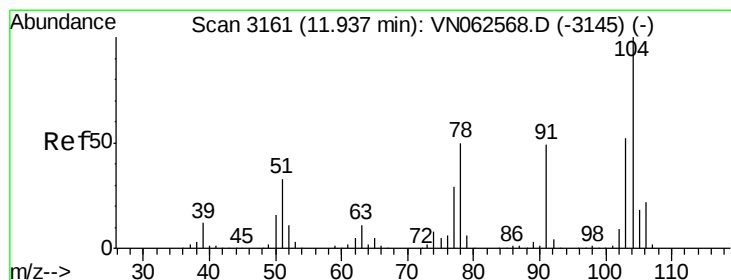
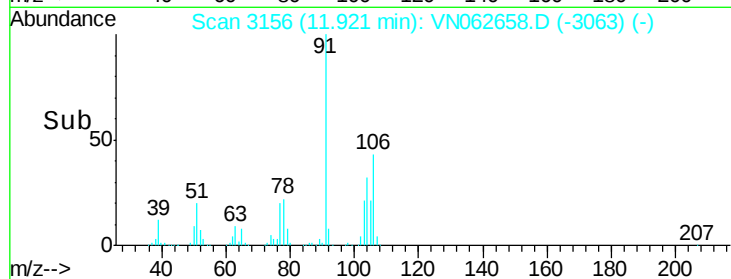
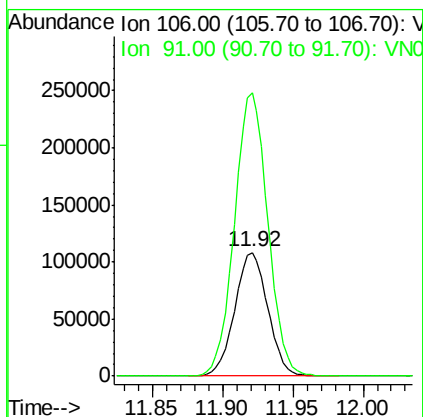
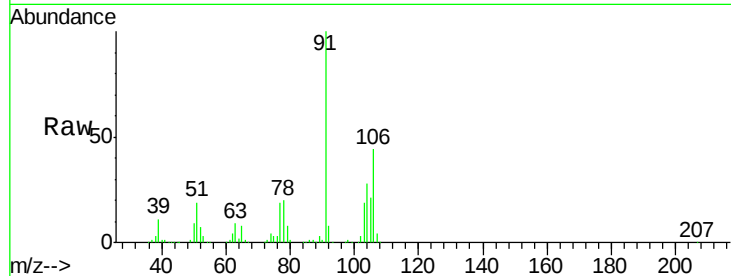




#69
o-Xylene
Concen: 52.928 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062658.D
Acq: 30 Jul 2020 9:16

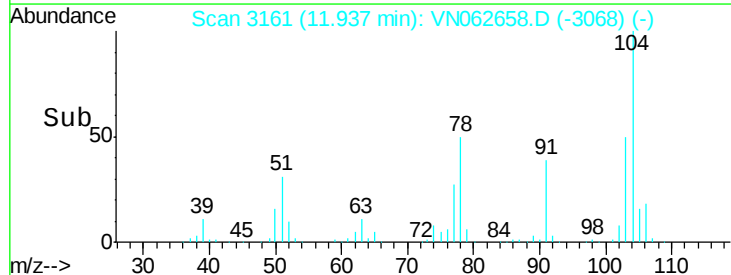
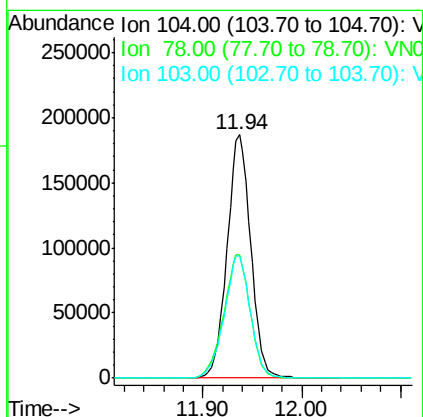
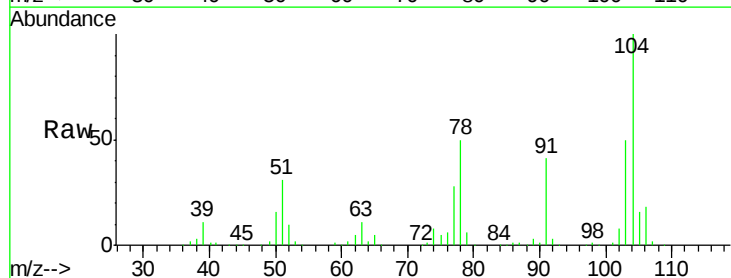
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

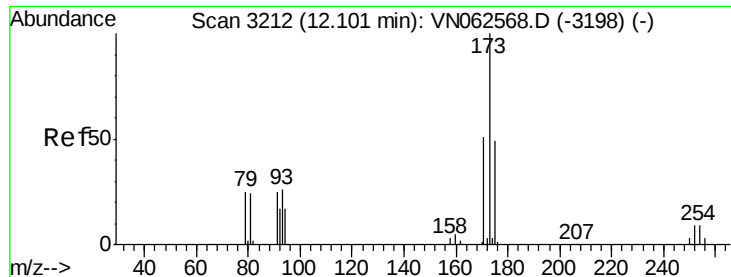
Tot Ion:106 Resp: 178339
Ion Ratio Lower Upper
106 100
91 230.6 113.8 341.2



#70
Styrene
Concen: 55.187 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062658.D
Acq: 30 Jul 2020 9:16

Tgt Ion:104 Resp: 314116
Ion Ratio Lower Upper
104 100
78 56.4 43.8 65.6
103 55.2 44.0 66.0

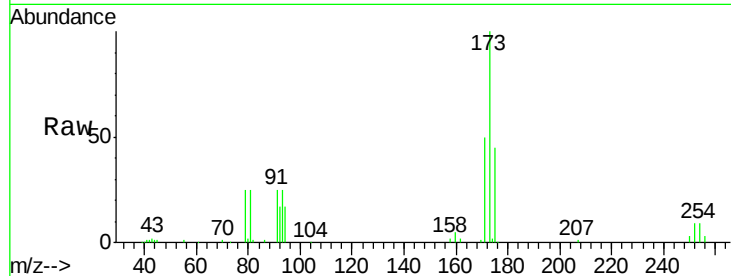




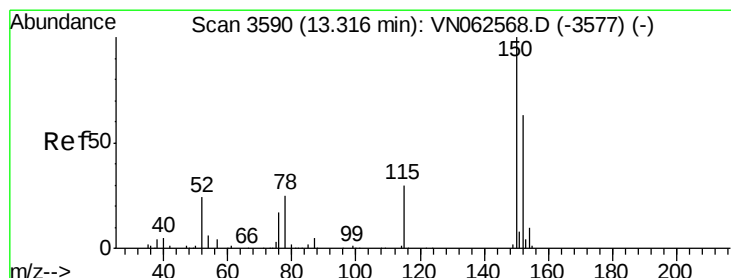
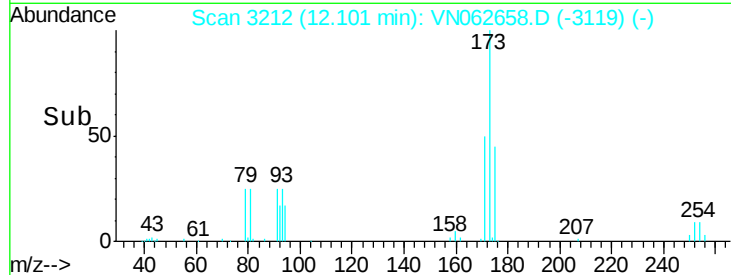
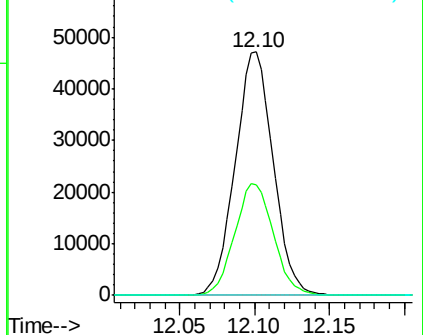
#71
Bromoform
Concen: 54.905 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. -0.00 min
Lab File: VN062658.D
Acq: 30 Jul 2020 9:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:173 Resp: 83502
Ion Ratio Lower Upper
173 100
175 46.6 24.1 72.2
254 0.0 0.0 0.0

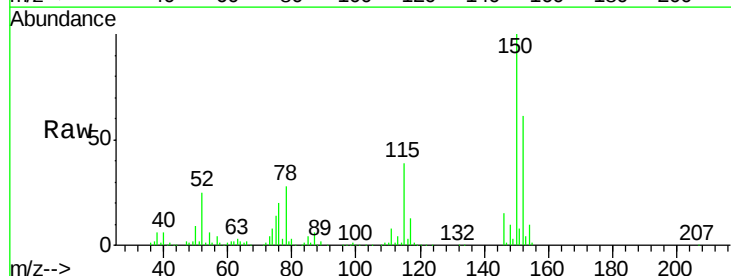


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

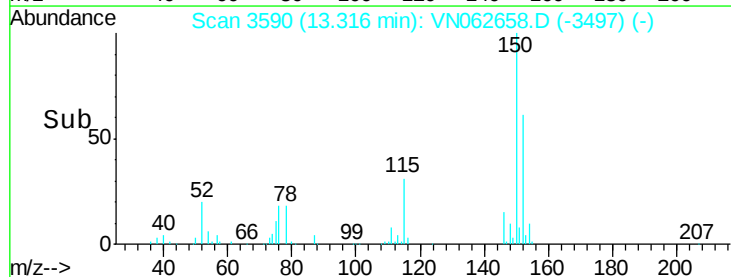
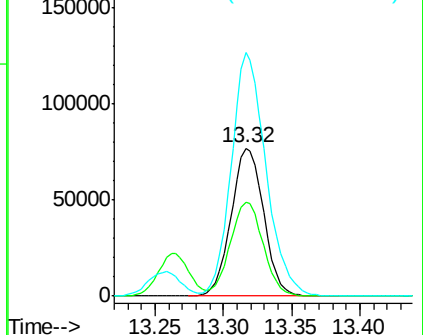


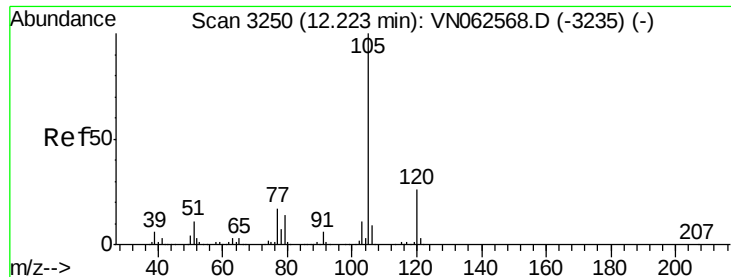
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3590
Delta R.T. -0.00 min
Lab File: VN062658.D
Acq: 30 Jul 2020 9:16

Tgt Ion:152 Resp: 126979
Ion Ratio Lower Upper
152 100
115 64.5 31.8 95.4
150 174.6 0.0 351.4



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: 50.195 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062658.D

Acq: 30 Jul 2020 9:16

Instrument :

MSVOA_N

ClientSampleId :

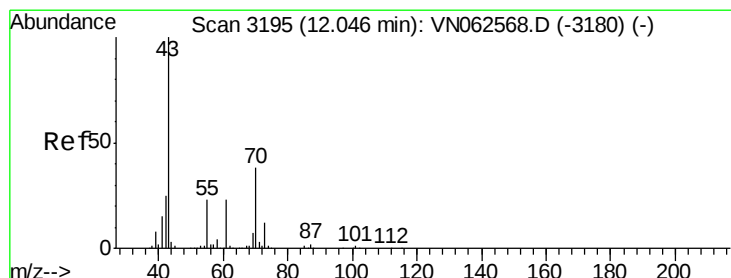
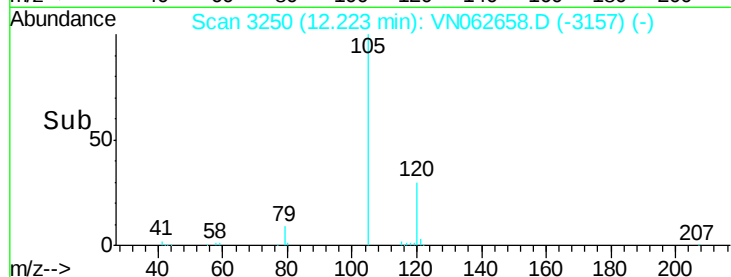
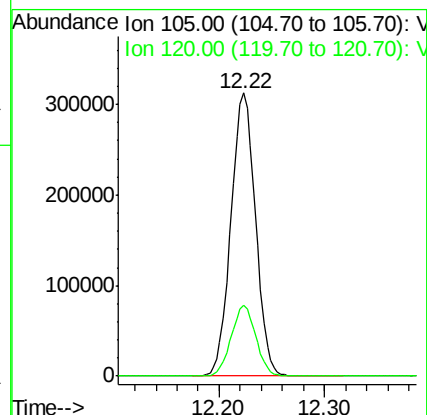
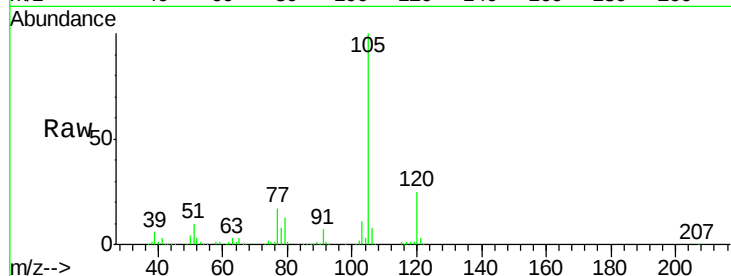
VSTDCCC050

Tot Ion:105 Resp: 503981

Ion Ratio Lower Upper

105 100

120 25.1 12.8 38.4



#74

N-ethyl acetate

Concen: 47.519 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN062658.D

Acq: 30 Jul 2020 9:16

Tgt Ion: 43 Resp: 213071

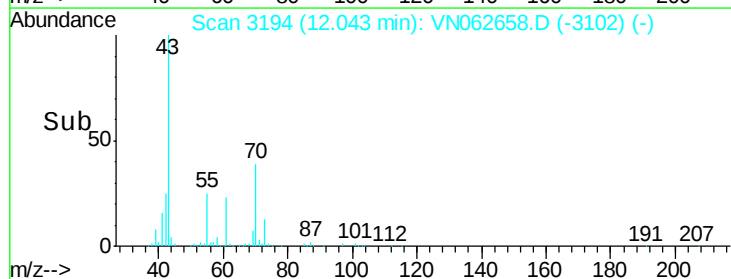
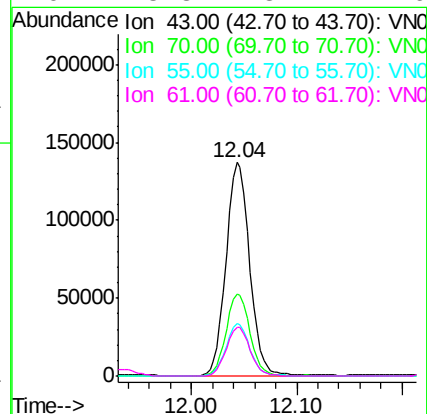
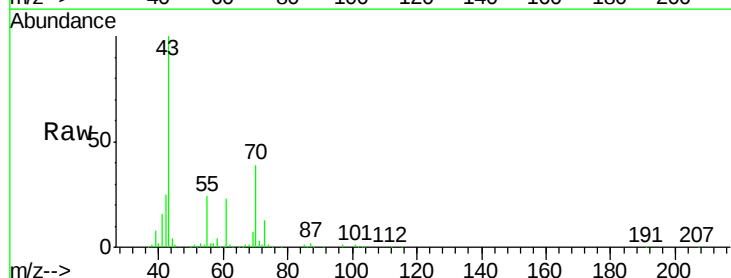
Ion Ratio Lower Upper

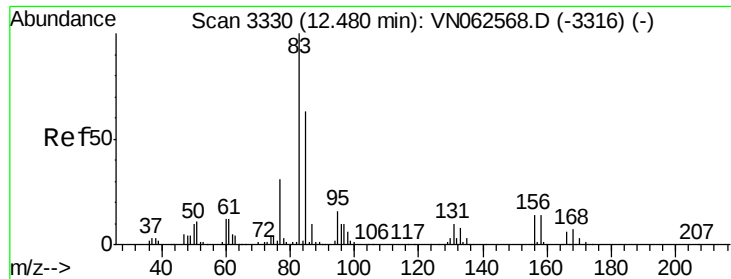
43 100

70 38.8 30.5 45.7

55 24.9 19.0 28.6

61 23.3 18.4 27.6





#75

1,1,2,2-Tetrachloroethane

Concen: 43.974 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN062658.D

Acq: 30 Jul 2020 9:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

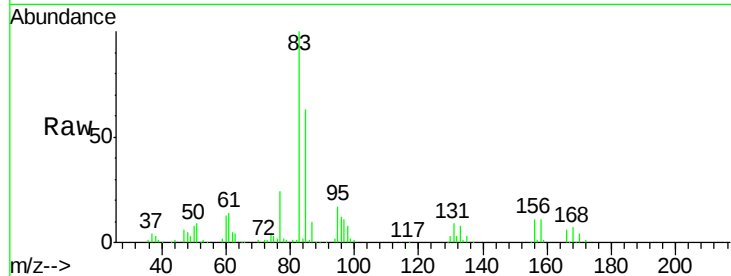
Tot Ion: 83 Resp: 153425

Ion Ratio Lower Upper

83 100

131 9.9 4.8 14.3

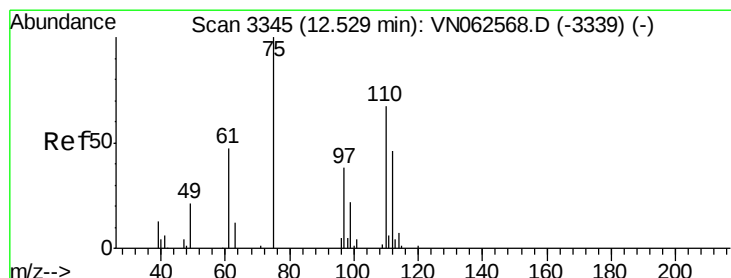
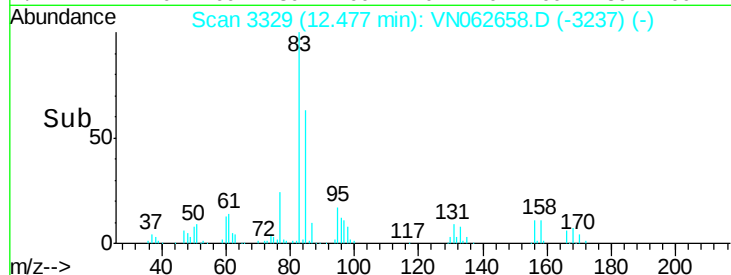
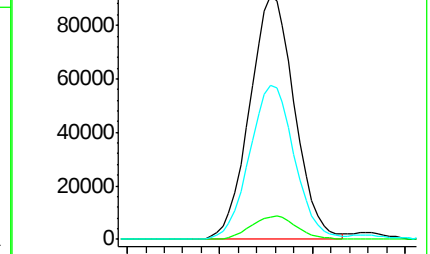
85 63.3 31.8 95.4



Abundance Ion 82.90 (82.60 to 83.60): VN062568.D (-3316) (-)

Ion 130.80 (130.50 to 131.50): VN062568.D (-3316) (-)

Ion 84.90 (84.60 to 85.60): VN062568.D (-3316) (-)



#76

1,2,3-Trichloropropane

Concen: 64.341 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062658.D

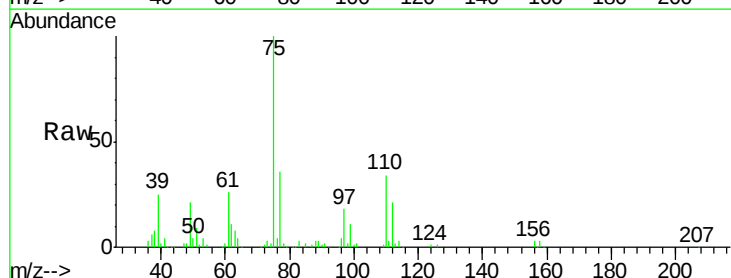
Acq: 30 Jul 2020 9:16

Tgt Ion: 75 Resp: 207953

Ion Ratio Lower Upper

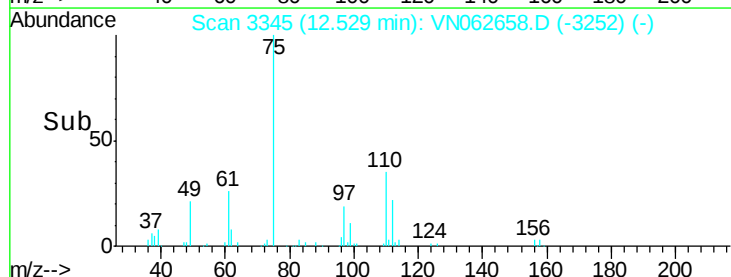
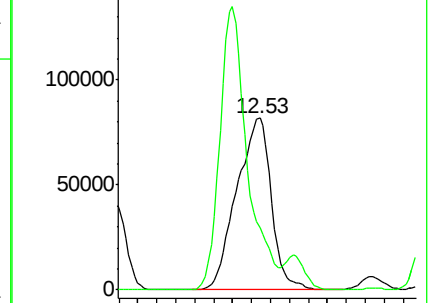
75 100

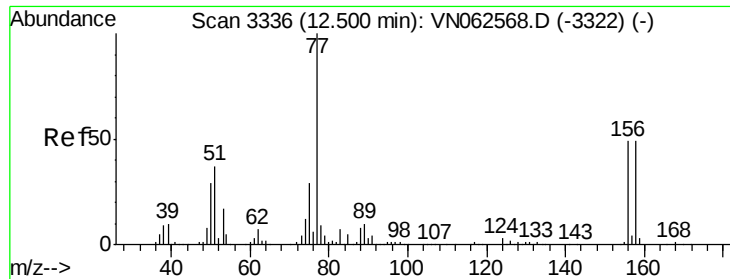
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN062568.D (-3339) (-)

Ion 77.00 (76.70 to 77.70): VN062568.D (-3339) (-)





#77

Bromobenzene

Concen: 47.201 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062658.D

Acq: 30 Jul 2020 9:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

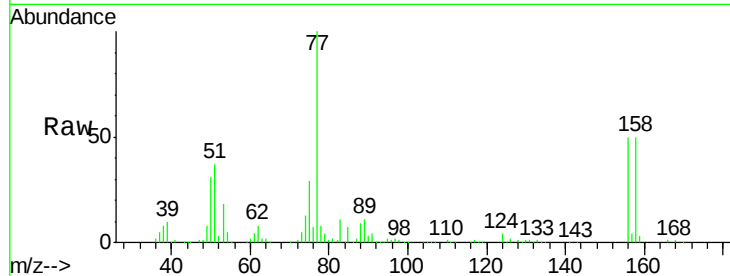
Tot Ion:156 Resp: 113891

Ion Ratio Lower Upper

156 100

77 239.0 122.8 368.3

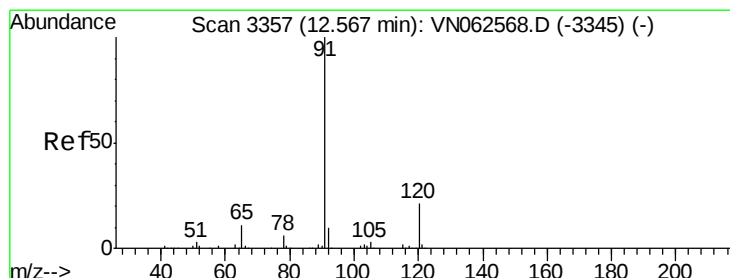
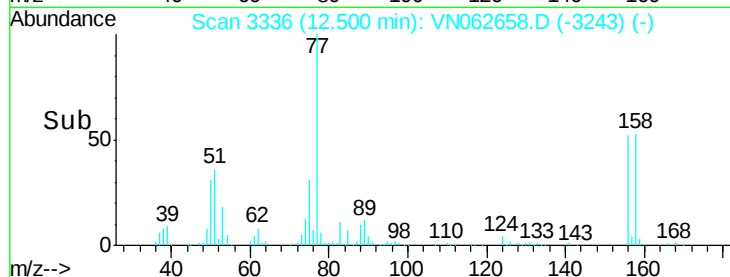
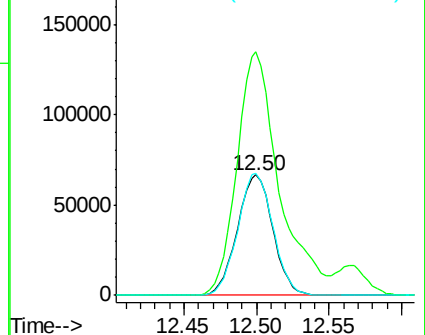
158 100.4 49.4 148.0



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: 50.853 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

Lab File: VN062658.D

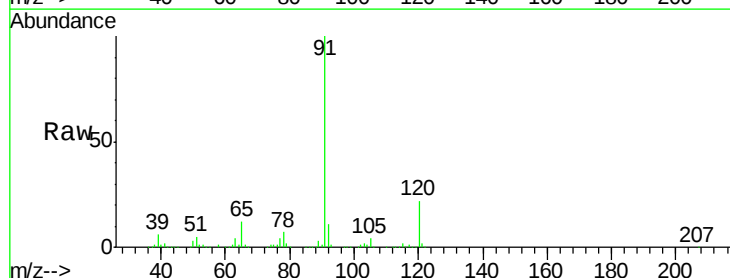
Acq: 30 Jul 2020 9:16

Tgt Ion: 91 Resp: 598075

Ion Ratio Lower Upper

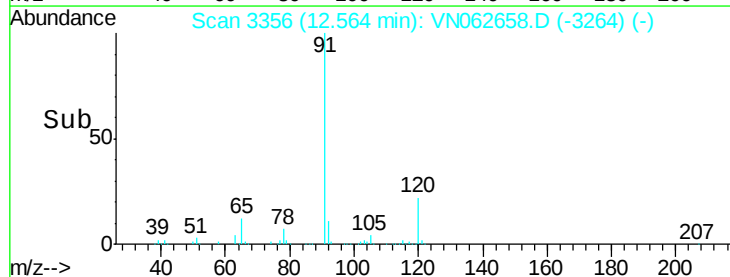
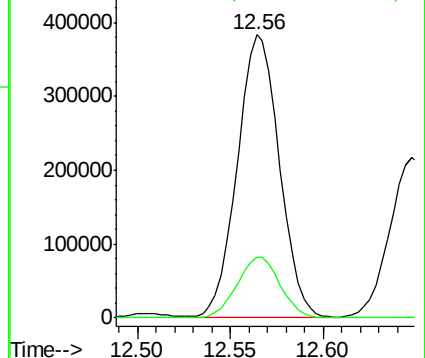
91 100

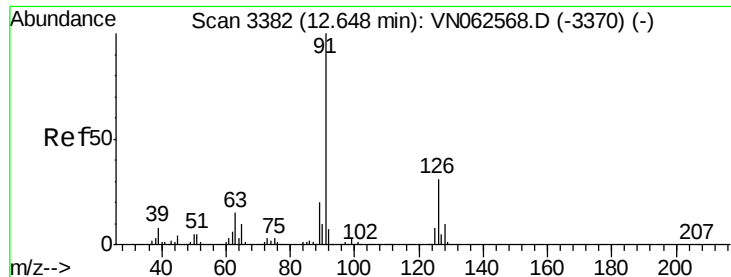
120 22.1 10.9 32.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.286 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN062658.D

Acq: 30 Jul 2020 9:16

Instrument :

MSVOA_N

ClientSampleId :

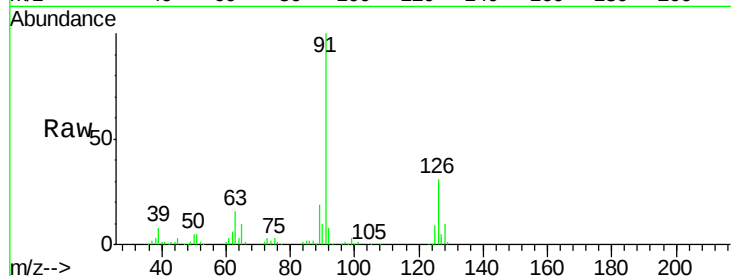
VSTDCCC050

Tot Ion: 91 Resp: 357224

Ion Ratio Lower Upper

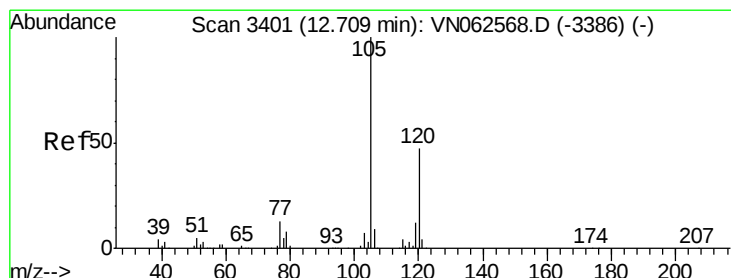
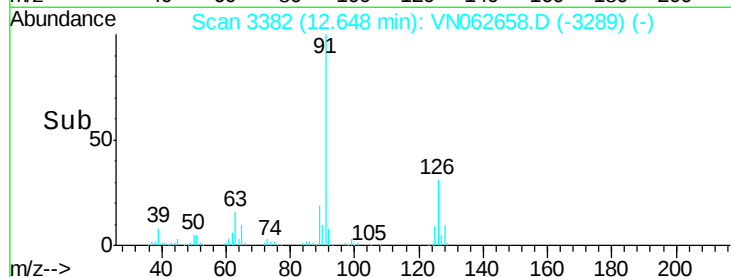
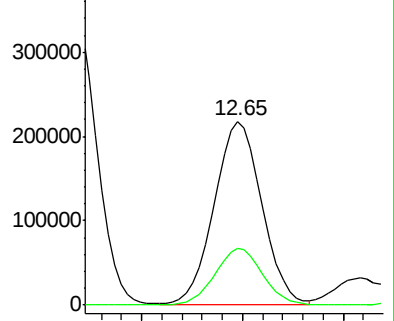
91 100

126 31.2 15.9 47.6



Abundance Ion 91.00 (90.70 to 91.70): VN062658.D (-3382) (-)

Ion 125.90 (125.60 to 126.60): VN062658.D (-3382) (-)



#80

1,3,5-Trimethylbenzene

Concen: 53.218 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062658.D

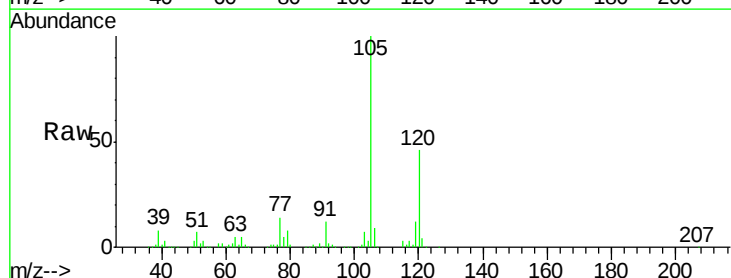
Acq: 30 Jul 2020 9:16

Tgt Ion: 105 Resp: 443220

Ion Ratio Lower Upper

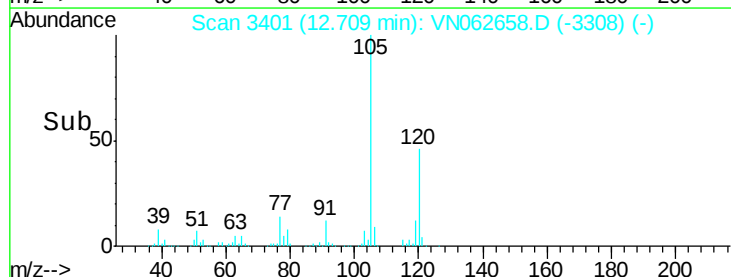
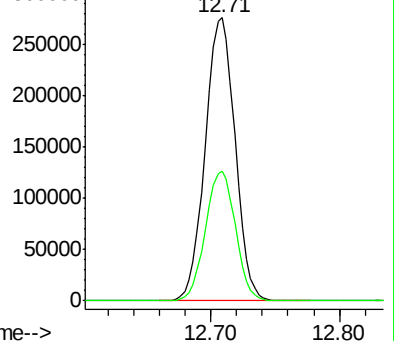
105 100

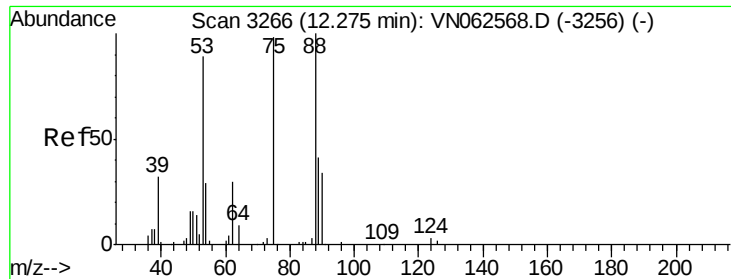
120 46.1 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): VN062658.D (-3398) (-)

Ion 120.00 (119.70 to 120.70): VN062658.D (-3398) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 48.095 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062658.D

Acq: 30 Jul 2020 9:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

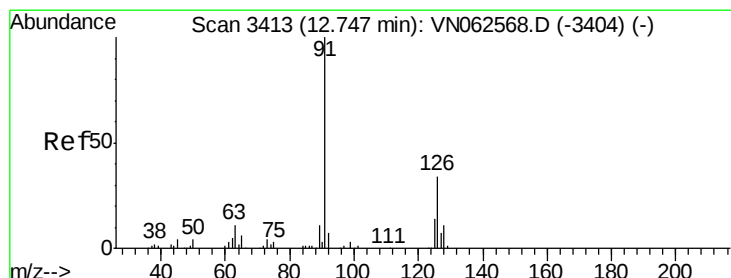
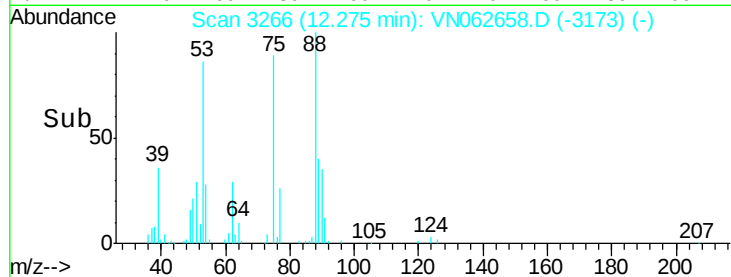
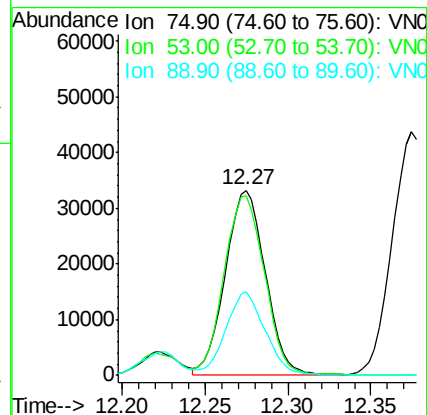
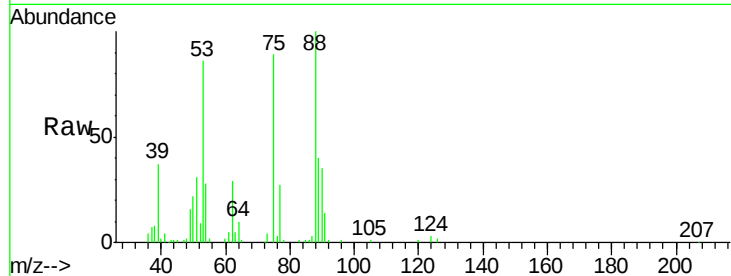
Tot Ion: 75 Resp: 55840

Ion Ratio Lower Upper

75 100

53 98.3 75.4 113.0

89 44.1 34.5 51.7



#82

4-Chlorotoluene

Concen: 49.749 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062658.D

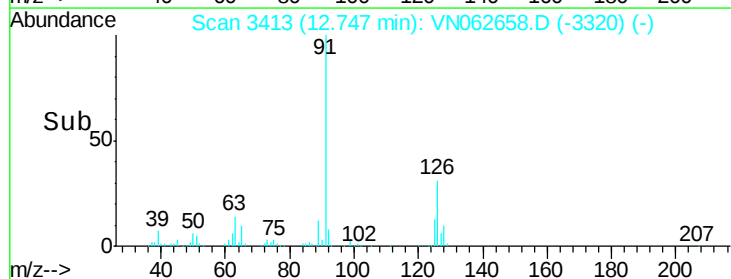
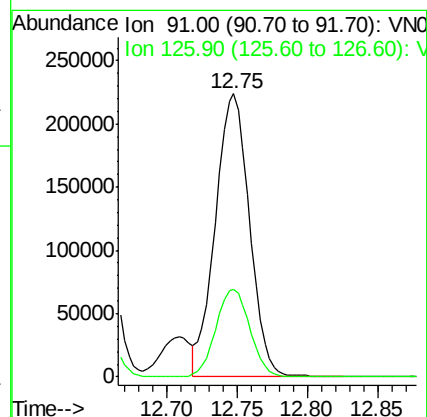
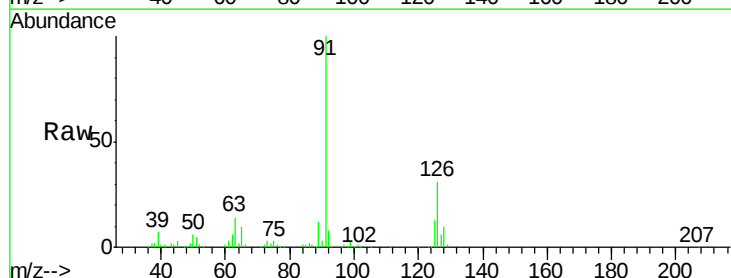
Acq: 30 Jul 2020 9:16

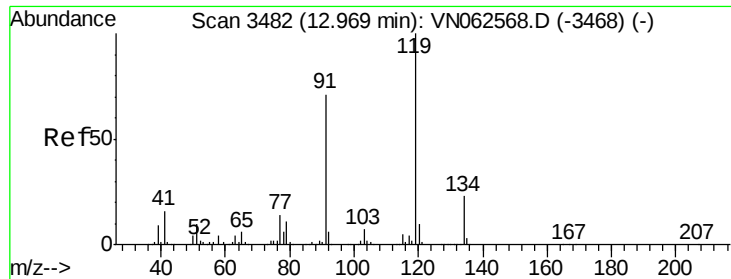
Tgt Ion: 91 Resp: 375322

Ion Ratio Lower Upper

91 100

126 30.6 15.4 46.4

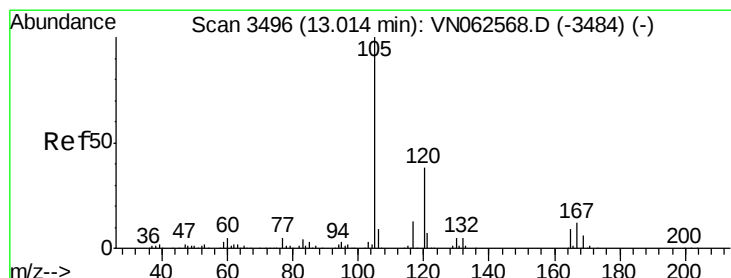
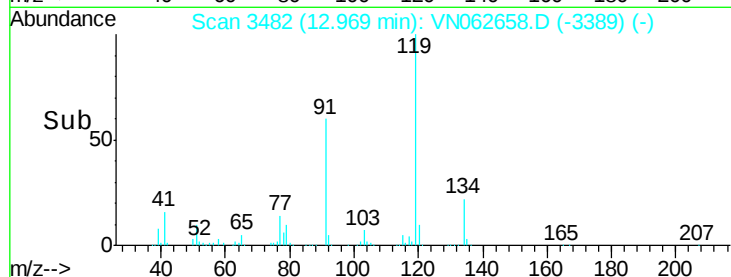
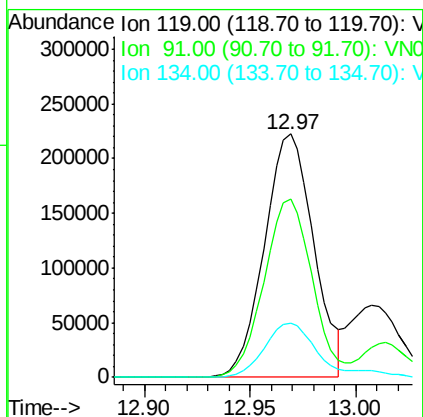
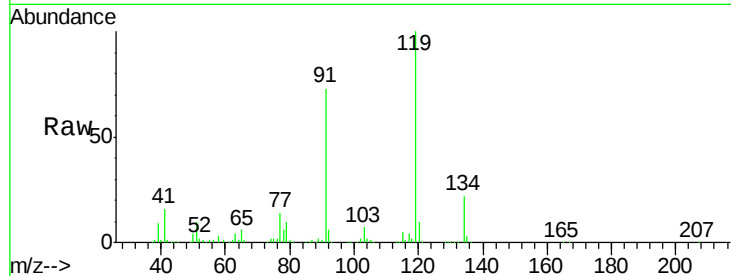




#83
tert-Butylbenzene
Concen: 52.329 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. -0.00 min
Lab File: VN062658.D
Acq: 30 Jul 2020 9:16

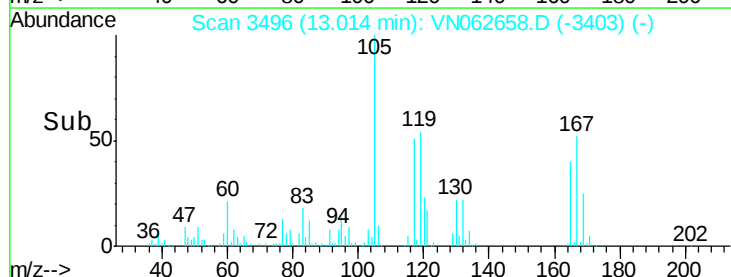
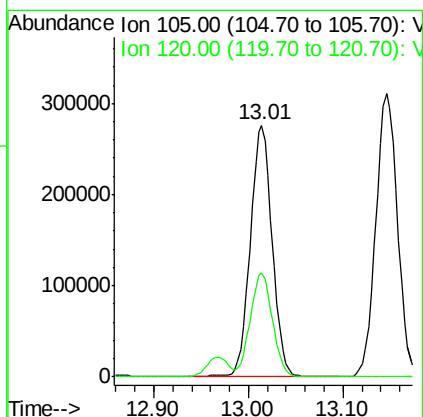
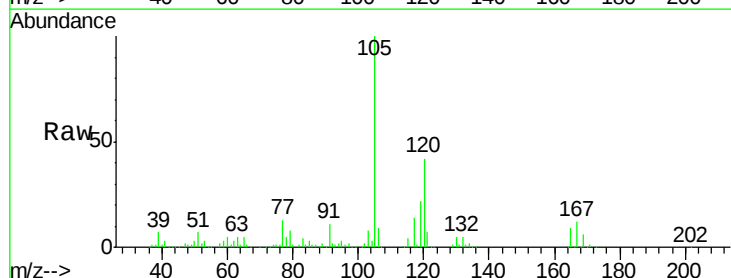
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

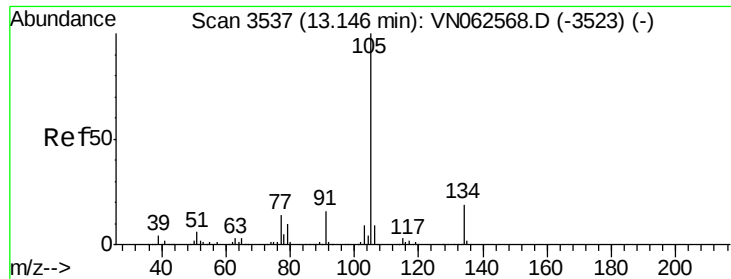
Tot Ion:119 Resp: 361887
Ion Ratio Lower Upper
119 100
91 71.4 34.6 103.8
134 23.0 11.5 34.4



#84
1,2,4-Trimethylbenzene
Concen: 54.138 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. -0.00 min
Lab File: VN062658.D
Acq: 30 Jul 2020 9:16

Tgt Ion:105 Resp: 442320
Ion Ratio Lower Upper
105 100
120 42.0 22.1 66.3

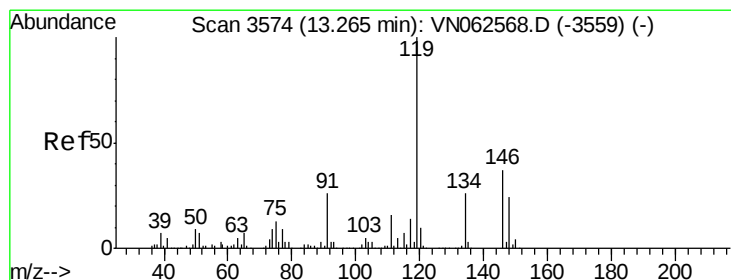
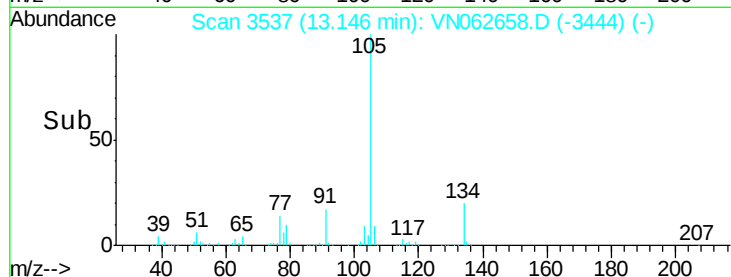
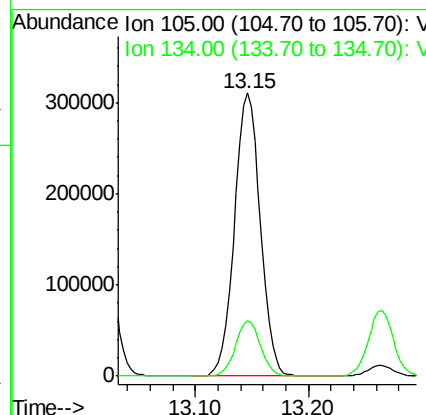
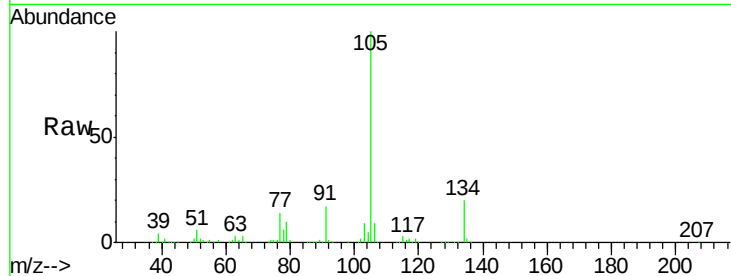




#85
 sec-Butylbenzene
 Concen: 53.122 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. -0.00 min
 Lab File: VN062658.D
 Acq: 30 Jul 2020 9:16

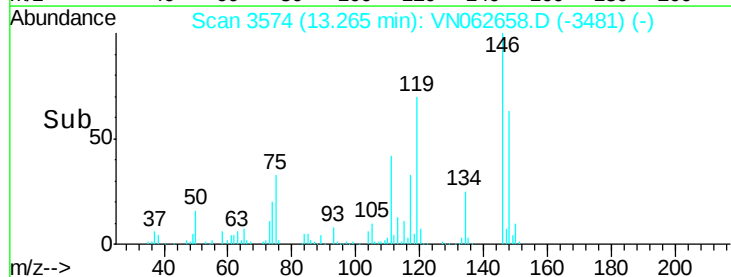
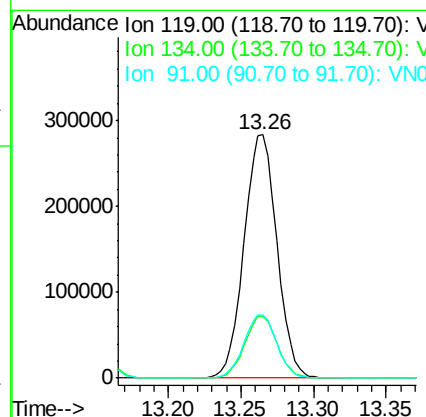
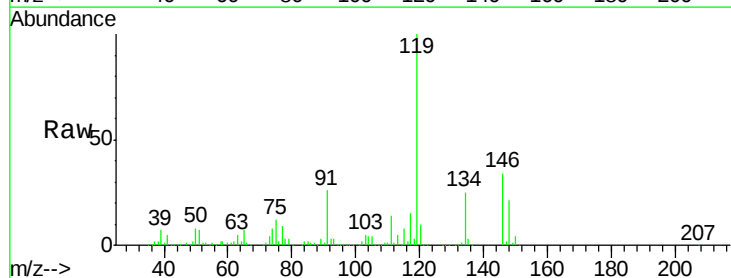
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

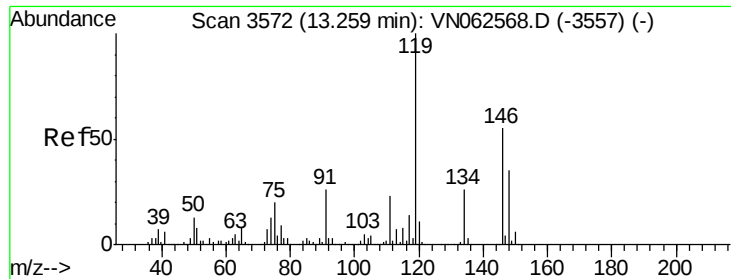
Tot Ion:105 Resp: 491837
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.5 28.5



#86
 p-Isopropyltoluene
 Concen: 55.939 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN062658.D
 Acq: 30 Jul 2020 9:16

Tgt Ion:119 Resp: 445445
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.8 38.4
 91 26.0 12.7 38.1

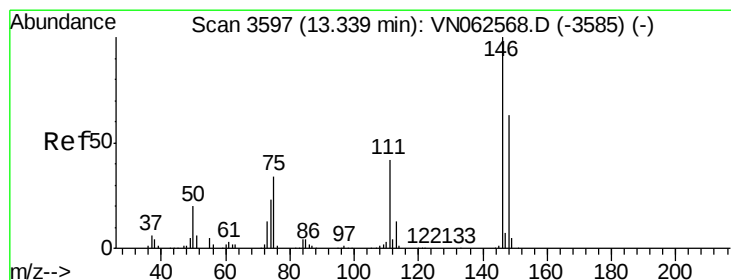
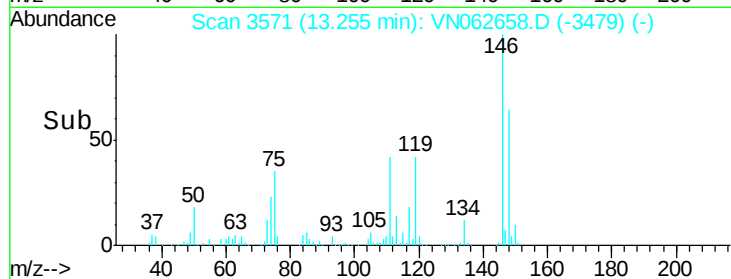
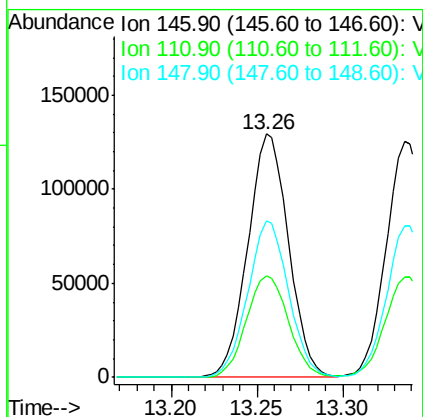
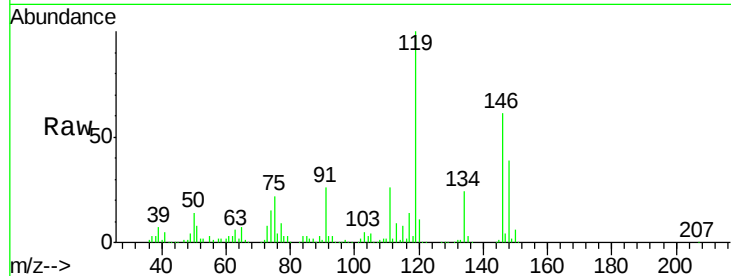




#87
 1,3-Dichlorobenzene
 Concen: 50.202 ug/l
 RT: 13.26 min Scan# 3571
 Delta R.T. -0.00 min
 Lab File: VN062658.D
 Acq: 30 Jul 2020 9:16

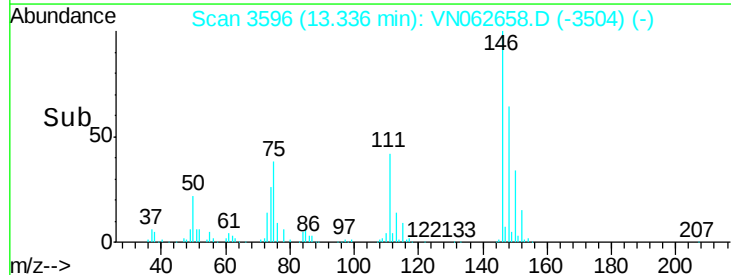
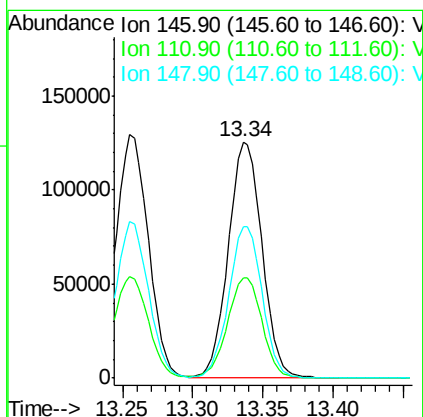
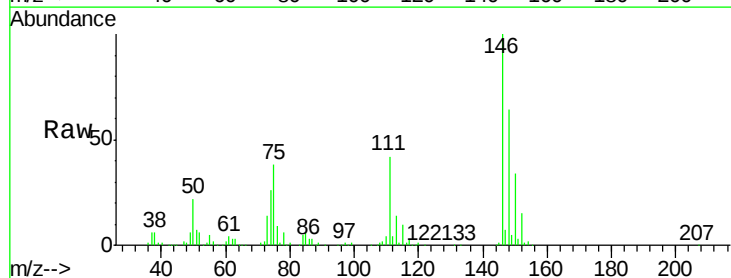
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

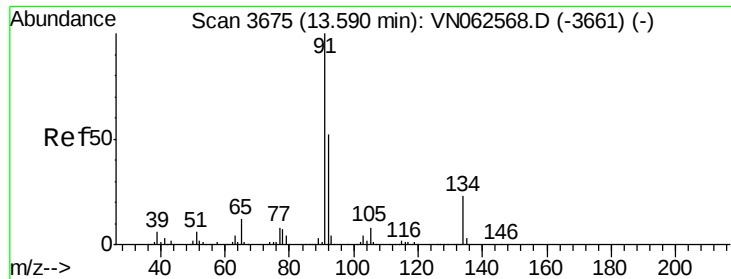
Tot Ion:146 Resp: 212570
 Ion Ratio Lower Upper
 146 100
 111 43.2 21.6 64.6
 148 64.4 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 50.320 ug/l
 RT: 13.34 min Scan# 3596
 Delta R.T. -0.00 min
 Lab File: VN062658.D
 Acq: 30 Jul 2020 9:16

Tgt Ion:146 Resp: 209745
 Ion Ratio Lower Upper
 146 100
 111 43.5 21.1 63.1
 148 63.3 31.6 94.8

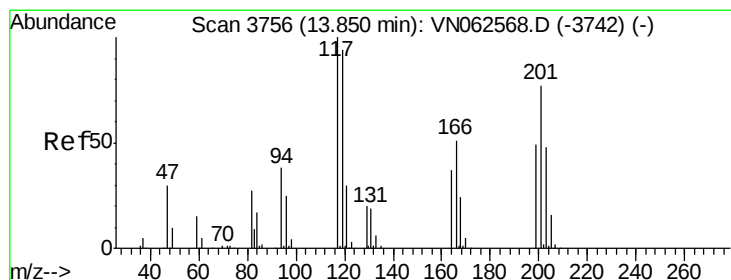
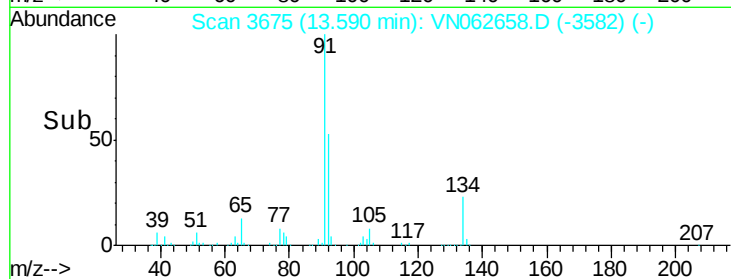
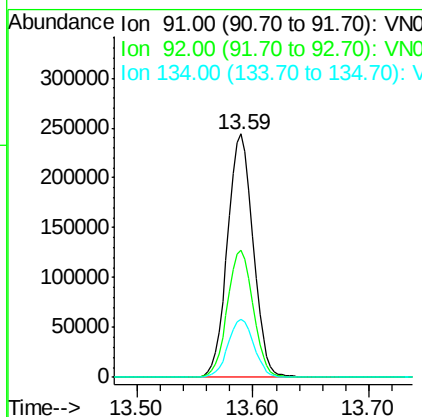
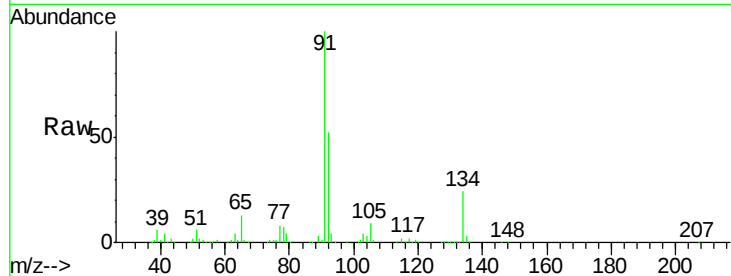




#89
n-Butylbenzene
Concen: 54.713 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062658.D
Acq: 30 Jul 2020 9:16

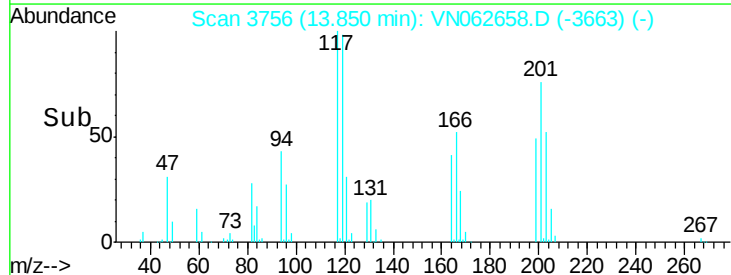
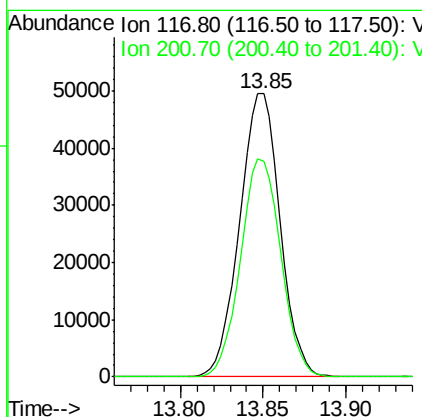
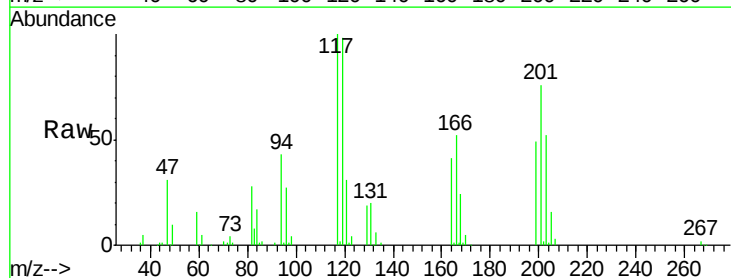
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

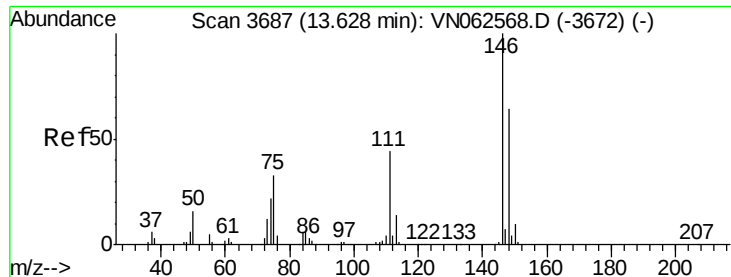
Tot Ion: 91 Resp: 374360
Ion Ratio Lower Upper
91 100
92 52.4 25.8 77.3
134 24.1 11.8 35.3



#90
Hexachloroethane
Concen: 49.738 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN062658.D
Acq: 30 Jul 2020 9:16

Tgt Ion: 117 Resp: 84315
Ion Ratio Lower Upper
117 100
201 76.6 39.2 117.6

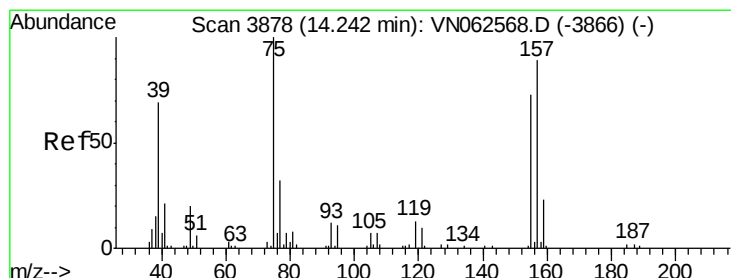
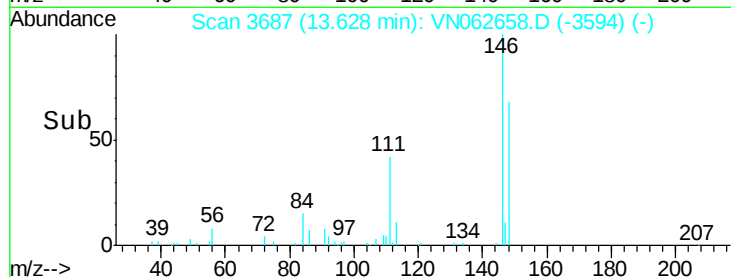
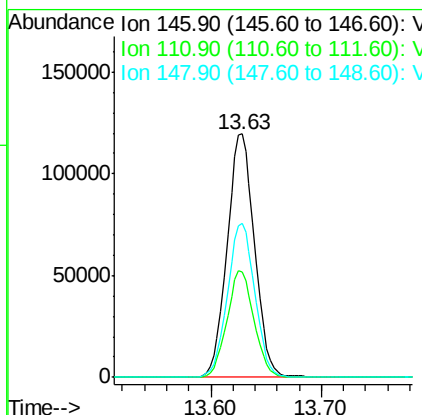
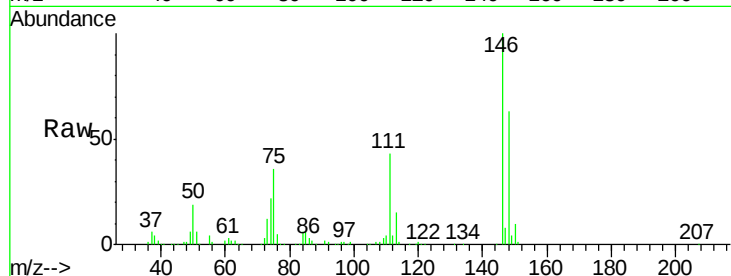




#91
 1,2-Dichlorobenzene
 Concen: 50.856 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062658.D
 Acq: 30 Jul 2020 9:16

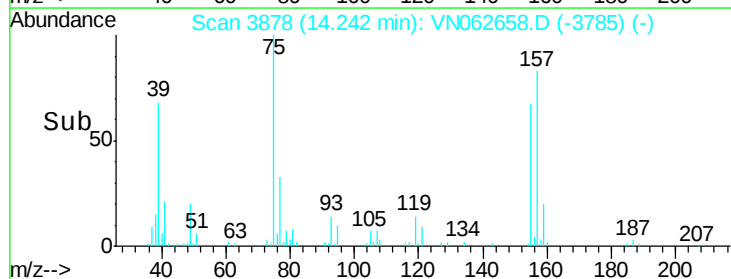
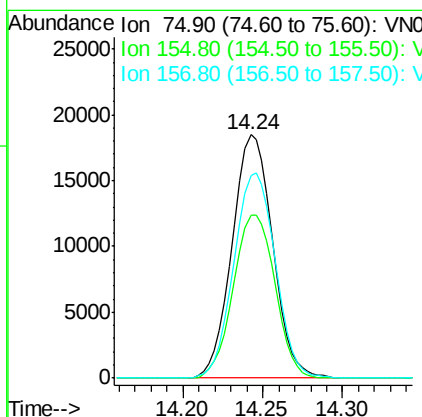
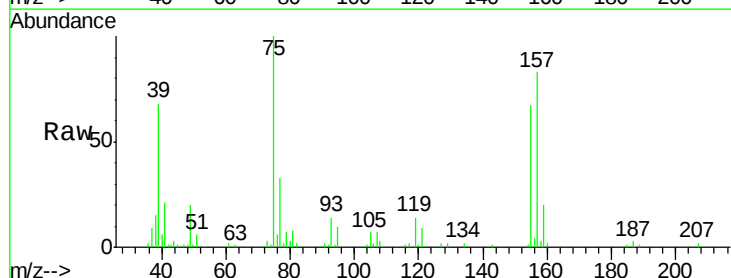
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

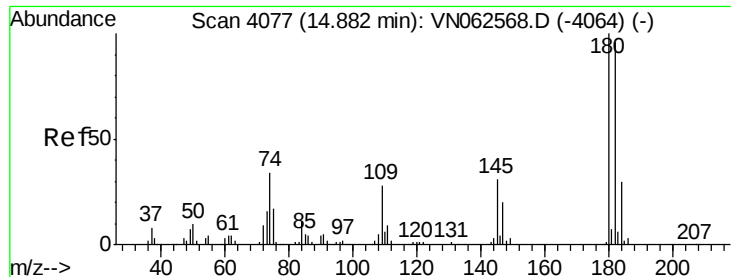
Tot Ion:146 Resp: 205902
 Ion Ratio Lower Upper
 146 100
 111 43.2 21.9 65.8
 148 63.4 31.6 94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.392 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. -0.00 min
 Lab File: VN062658.D
 Acq: 30 Jul 2020 9:16

Tgt Ion: 75 Resp: 31922
 Ion Ratio Lower Upper
 75 100
 155 68.8 35.9 107.5
 157 86.1 45.0 135.0

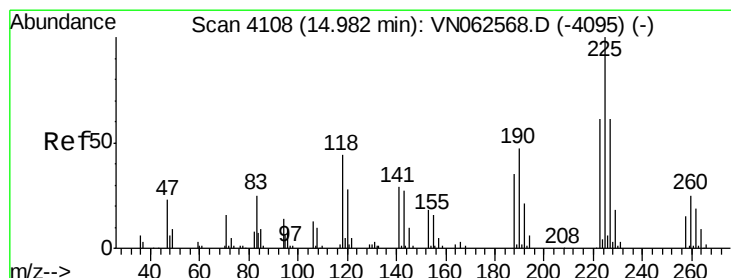
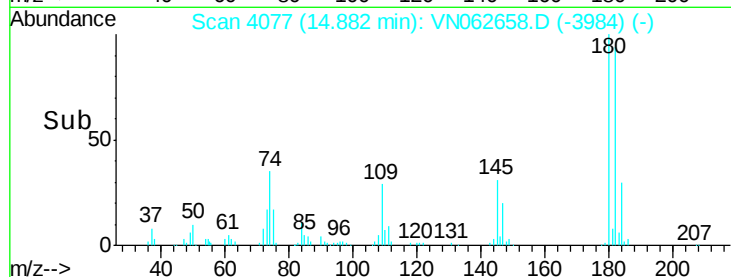
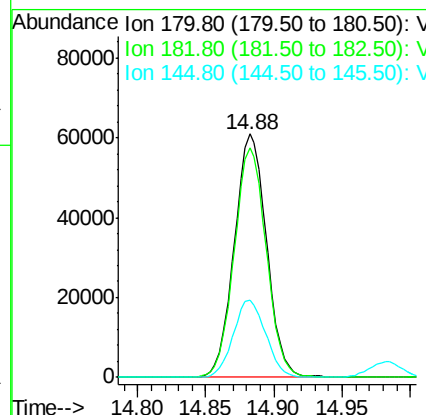
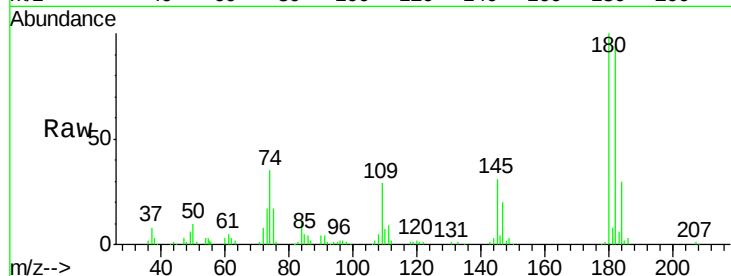




#93
 1,2,4-Trichlorobenzene
 Concen: 47.161 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN062658.D
 Acq: 30 Jul 2020 9:16

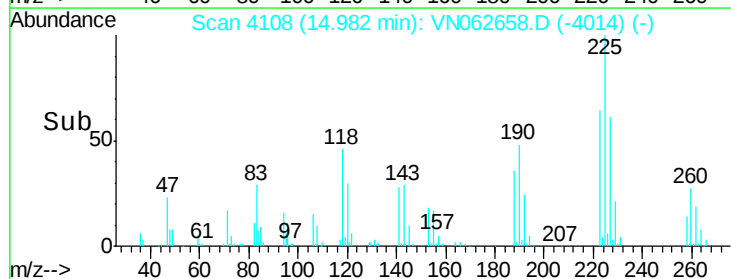
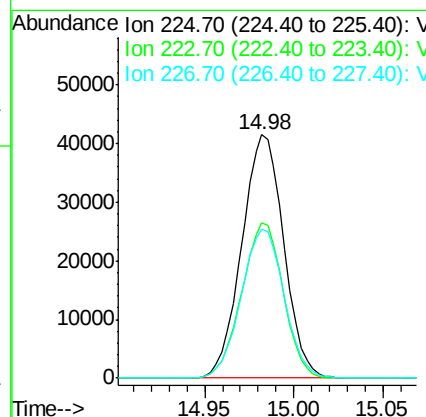
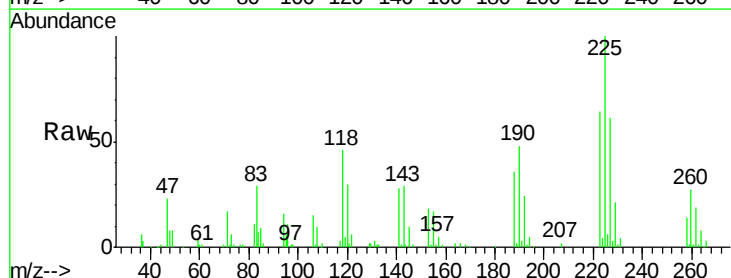
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

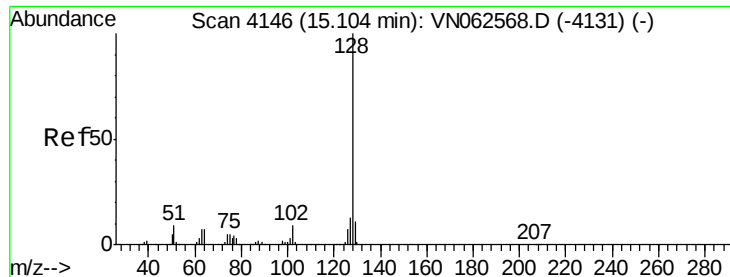
Tot Ion:180 Resp: 99997
 Ion Ratio Lower Upper
 180 100
 182 93.8 47.8 143.3
 145 32.0 15.3 45.9



#94
 Hexachlorobutadiene
 Concen: 62.055 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. 0.00 min
 Lab File: VN062658.D
 Acq: 30 Jul 2020 9:16

Tgt Ion:225 Resp: 67854
 Ion Ratio Lower Upper
 225 100
 223 63.1 32.0 96.0
 227 62.8 31.1 93.2





#95

Naphthalene

Concen: 42.726 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN062658.D

Acq: 30 Jul 2020 9:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

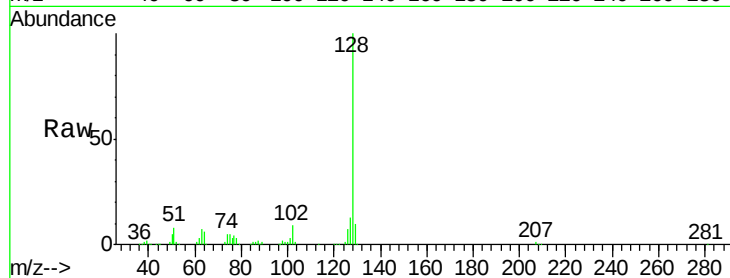
Tot Ion:128 Resp: 237930

Ion Ratio Lower Upper

128 100

127 13.4 10.4 15.6

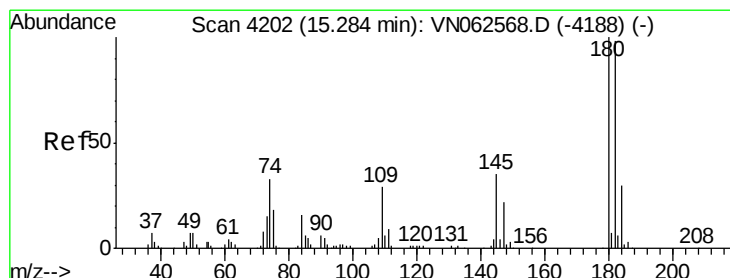
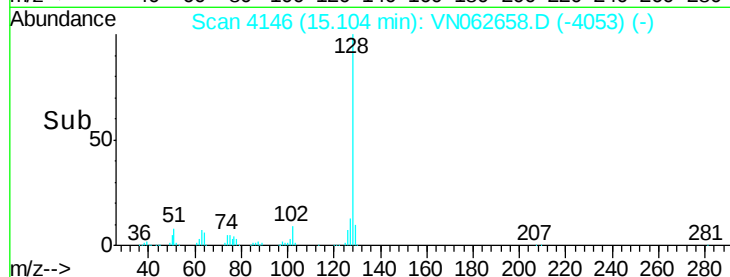
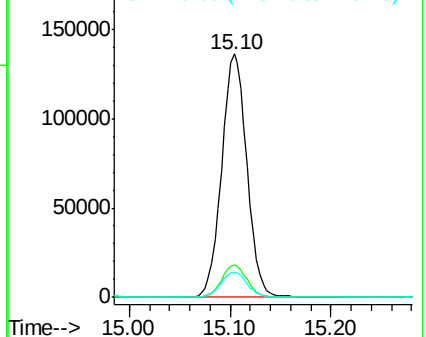
129 10.6 8.7 13.1



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: 52.097 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. -0.00 min

Lab File: VN062658.D

Acq: 30 Jul 2020 9:16

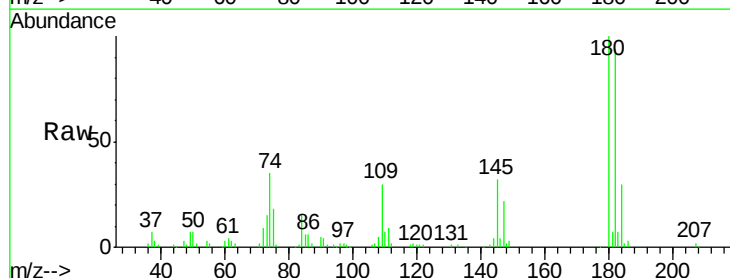
Tgt Ion:180 Resp: 99402

Ion Ratio Lower Upper

180 100

182 94.7 48.1 144.3

145 32.9 16.7 50.1



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

