

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN033020\
 Data File : VN060763.D
 Acq On : 30 Mar 2020 12:25
 Operator : JC/MD
 Sample : VN0330WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 31 07:57:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	199709	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	327395	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	296148	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	138030	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	133048	48.53	ug/l	0.00
Spiked Amount			Recovery	=	97.06%	
35) Dibromofluoromethane	7.56	113	97156	49.08	ug/l	0.00
Spiked Amount			Recovery	=	98.16%	
50) Toluene-d8	10.08	98	385789	47.71	ug/l	0.00
Spiked Amount			Recovery	=	95.42%	
62) 4-Bromofluorobenzene	12.40	95	140322	47.35	ug/l	0.00
Spiked Amount			Recovery	=	94.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	34814	18.016	ug/l	97
3) Chloromethane	2.04	50	60938	16.885	ug/l	100
4) Vinyl Chloride	2.17	62	47673	16.888	ug/l	99
5) Bromomethane	2.55	94	24044	19.731	ug/l	95
6) Chloroethane	2.69	64	30189	18.566	ug/l	100
7) Trichlorofluoromethane	3.00	101	63527	18.269	ug/l	100
8) Diethyl Ether	3.38	74	27624	19.775	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.74	101	38909	19.311	ug/l	99
10) Methyl Iodide	3.93	142	33270	18.556	ug/l	100
11) Tert butyl alcohol	4.72	59	39966	99.123	ug/l #	86
12) 1,1-Dichloroethene	3.72	96	38533	17.821	ug/l	96
13) Acrolein	3.57	56	39974	89.455	ug/l	99
14) Allyl chloride	4.29	41	69583	18.297	ug/l	99
15) Acrylonitrile	4.94	53	117010	98.690	ug/l	99
16) Acetone	3.78	43	100365	103.350	ug/l	97
17) Carbon Disulfide	4.03	76	113271	17.225	ug/l	99
18) Methyl Acetate	4.28	43	55326	20.241	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	142368	19.151	ug/l	97
20) Methylene Chloride	4.52	84	45163	18.905	ug/l	96
21) trans-1,2-Dichloroethene	5.01	96	42477	18.433	ug/l	98
22) Diisopropyl ether	5.91	45	160324	19.955	ug/l	99
23) Vinyl Acetate	5.86	43	658643	100.474	ug/l	99
24) 1,1-Dichloroethane	5.81	63	84165	19.216	ug/l	100
25) 2-Butanone	6.79	43	154127	98.081	ug/l	99
26) 2,2-Dichloropropane	6.79	77	70356	20.416	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	49176	18.778	ug/l	98
28) Bromochloromethane	7.17	49	40962	19.547	ug/l	99
29) Tetrahydrofuran	7.18	42	106100	95.427	ug/l	99
30) Chloroform	7.34	83	80621	19.201	ug/l	100
31) Cyclohexane	7.63	56	81043	18.354	ug/l	97
32) 1,1,1-Trichloroethane	7.54	97	66417	18.349	ug/l	97
36) 1,1-Dichloropropene	7.77	75	59909	18.898	ug/l	98
37) Ethyl Acetate	6.89	43	65453	19.108	ug/l	99
38) Carbon Tetrachloride	7.75	117	52201	18.372	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	73642	19.547	ug/l	97
40) Benzene	8.02	78	184624	19.292	ug/l	99
41) Methacrylonitrile	7.17	41	95205	65.124	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	64593	19.750	ug/l	99
43) Isopropyl Acetate	8.14	43	110355	19.534	ug/l	99
44) Trichloroethene	8.81	130	46669	19.345	ug/l	98
45) 1,2-Dichloropropane	9.10	63	51261	20.300	ug/l	100
46) Dibromomethane	9.19	93	30606	20.048	ug/l	99
47) Bromodichloromethane	9.38	83	61210	19.295	ug/l	97
48) Methyl methacrylate	9.18	41	47421	18.854	ug/l	100
49) 1,4-Dioxane	9.18	88	13474	450.692	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	321995	100.164	ug/l	99
52) Toluene	10.14	92	111054	19.215	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	73411	20.145	ug/l	100
54) cis-1,3-Dichloropropene	9.82	75	79094	19.785	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	44124	19.844	ug/l	98
56) Ethyl methacrylate	10.42	69	66990	19.322	ug/l	98
57) 1,3-Dichloropropane	10.70	76	76586	19.849	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	155374	90.170	ug/l	100
59) 2-Hexanone	10.74	43	231520	99.978	ug/l	98
60) Dibromochloromethane	10.89	129	44453	19.354	ug/l	98
61) 1,2-Dibromoethane	10.99	107	43725	19.556	ug/l	98
64) Tetrachloroethene	10.62	164	44410	19.057	ug/l	99
65) Chlorobenzene	11.43	112	114094	19.434	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	41614	19.577	ug/l	99
67) Ethyl Benzene	11.50	91	213276	19.535	ug/l	100
68) m/p-Xylenes	11.61	106	155931	38.434	ug/l	99
69) o-Xylene	11.94	106	74717	19.292	ug/l	99
70) Styrene	11.96	104	118745	18.747	ug/l	100
71) Bromoform	12.12	173	30935	18.602	ug/l #	100
73) Isopropylbenzene	12.24	105	199749	19.283	ug/l	99
74) N-amyl acetate	12.06	43	92909	19.410	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	61786	19.724	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	84664	28.426	ug/l #	100
77) Bromobenzene	12.52	156	47956	19.213	ug/l	100
78) n-propylbenzene	12.59	91	236333	19.311	ug/l	99
79) 2-Chlorotoluene	12.67	91	138917	18.998	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	168976	19.222	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	22480	19.385	ug/l	98
82) 4-Chlorotoluene	12.77	91	144204	19.363	ug/l	99
83) tert-Butylbenzene	12.99	119	141228	19.380	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	170996	19.662	ug/l	99
85) sec-Butylbenzene	13.17	105	195257	19.926	ug/l	99
86) p-Isopropyltoluene	13.28	119	173851	19.730	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	85915	19.516	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	84770	19.166	ug/l	99
89) n-Butylbenzene	13.61	91	160935	20.229	ug/l	100
90) Hexachloroethane	13.87	117	26032	20.324	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	82863	19.685	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.26	75	12212	18.443	ug/l	96

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QLast Update : Wed Mar 18 08:49:09 2020
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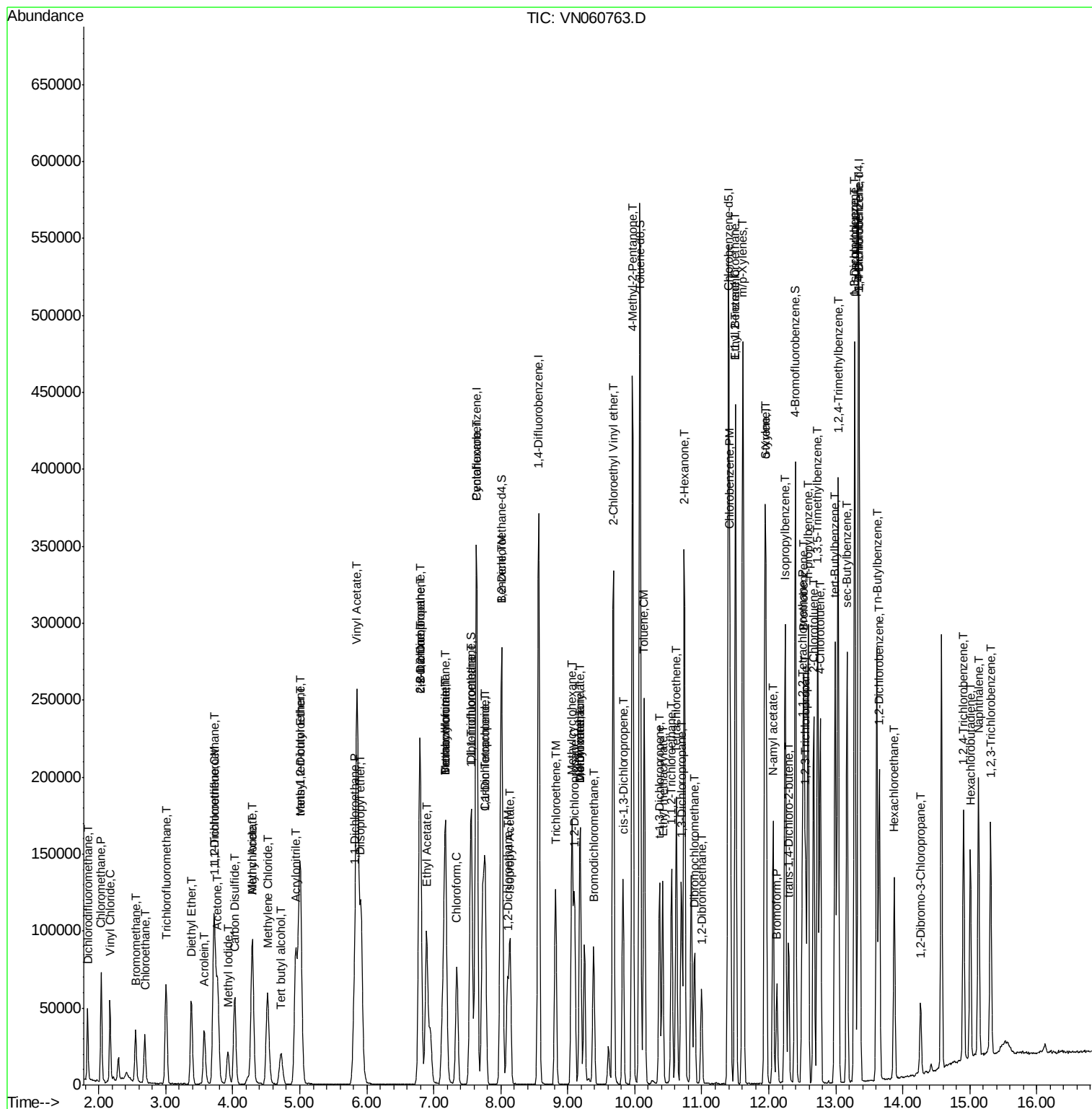
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	52029	20.127	ug/l	98
94) Hexachlorobutadiene	15.01	225	27058	21.352	ug/l	98
95) Naphthalene	15.13	128	151056	19.428	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	49955	19.620	ug/l	99

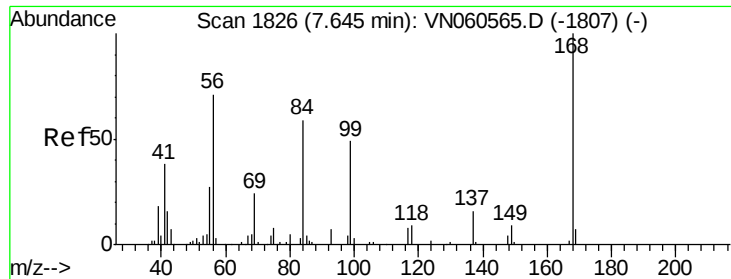
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN033020\
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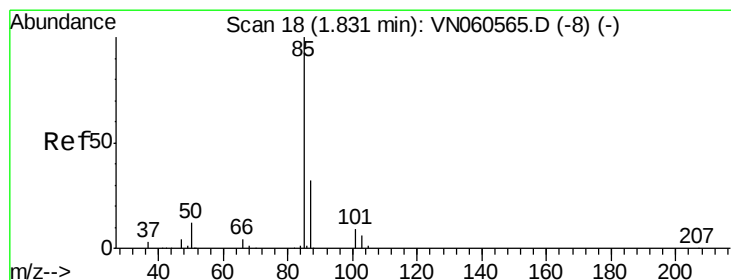
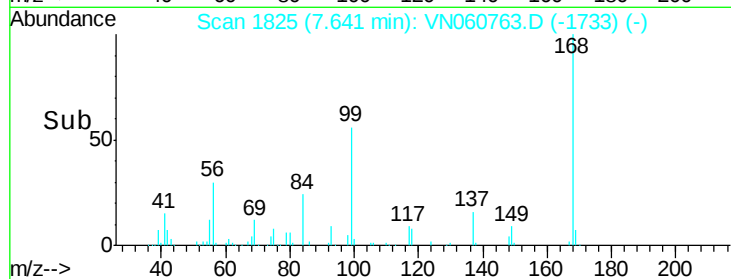
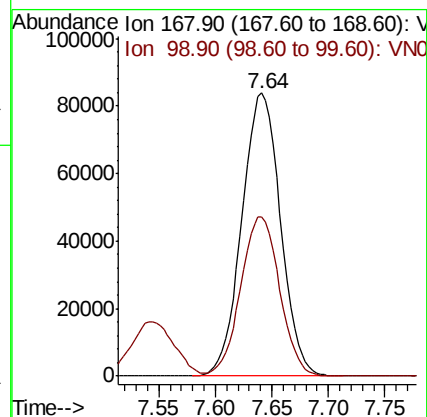
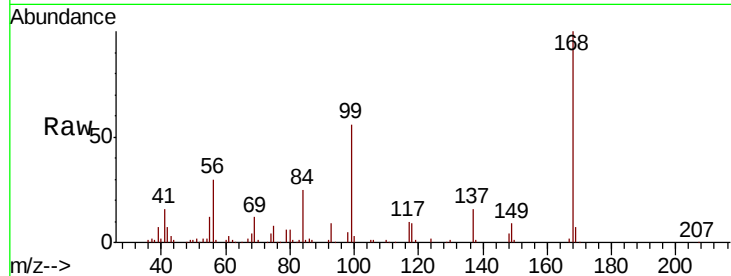




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.64 min Scan# 1825
Delta R.T. -0.00 min
Lab File: VN060763.D
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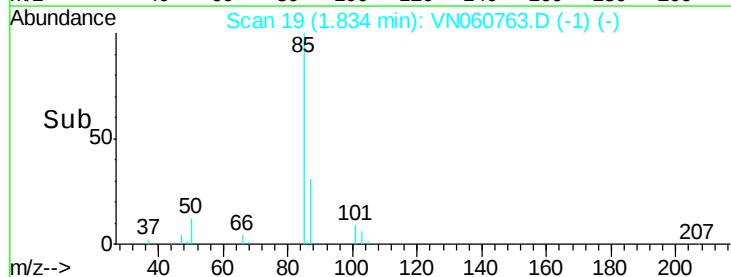
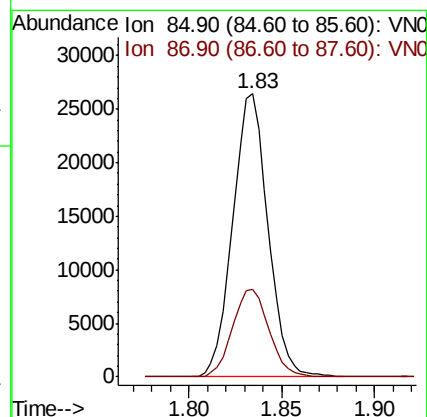
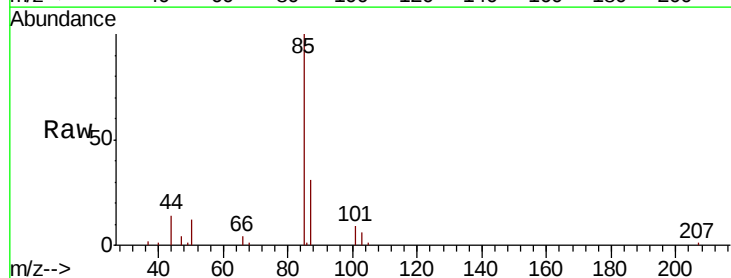
Instrument :
MSVOA_N
ClientSampleId :

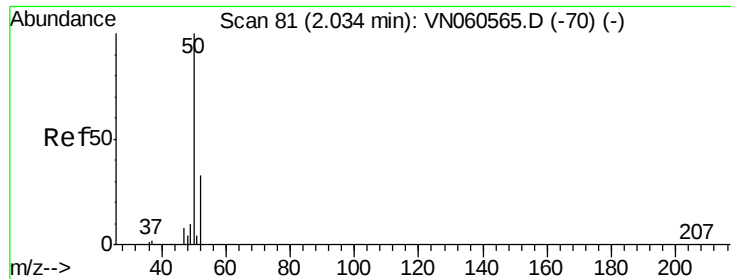
Tot Ion:168 Resp: 199709
Ion Ratio Lower Upper
168 100
99 56.4 44.0 66.0



#2
Dichlorodifluoromethane
Concen: 18.016 ug/l
RT: 1.83 min Scan# 19
Delta R.T. 0.00 min
Lab File: VN060763.D
Acq: 30 Mar 2020 12:25

Tgt Ion: 85 Resp: 34814
Ion Ratio Lower Upper
85 100
87 30.9 16.2 48.5

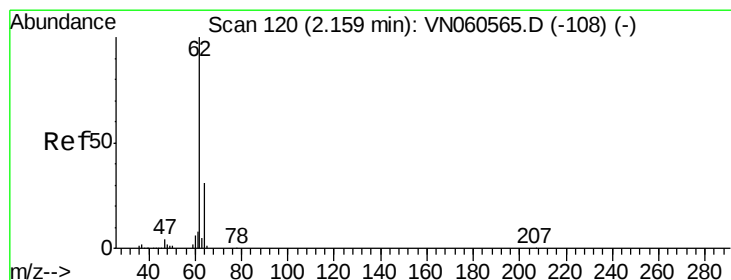
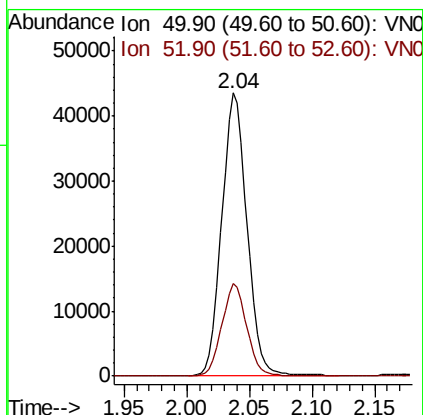
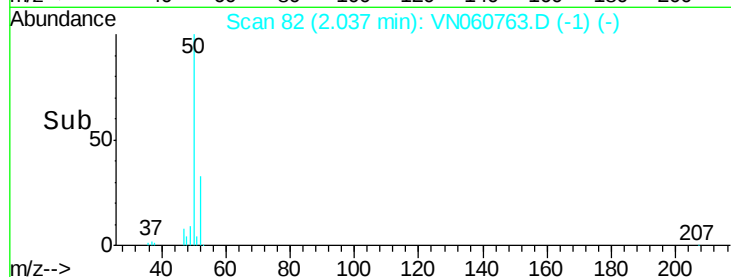
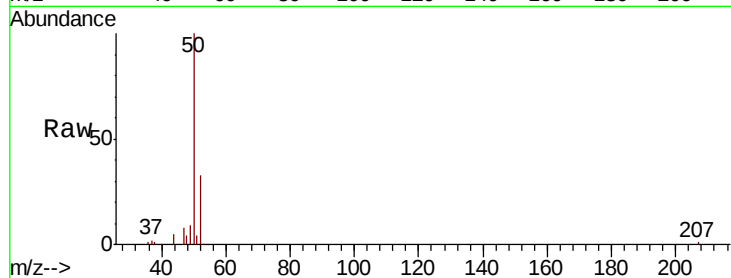




#3
Chloromethane
Concen: 16.885 ug/l
RT: 2.04 min Scan# 82
Delta R.T. 0.00 min
Lab File: VN060763.D
Acq: 30 Mar 2020 12:25

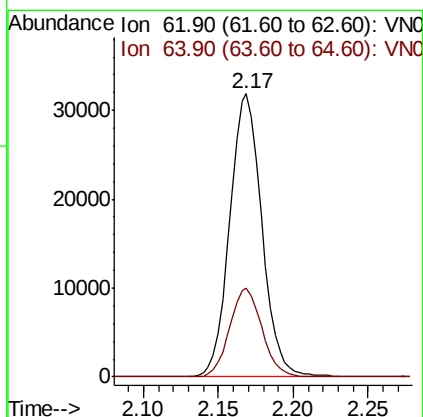
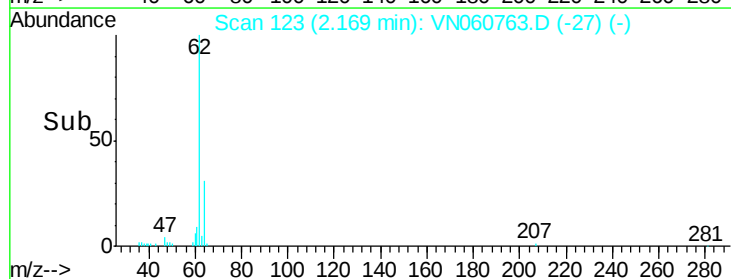
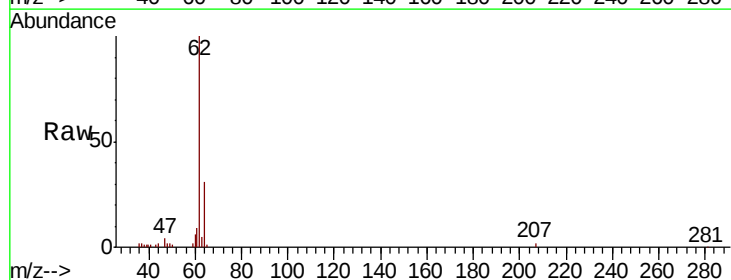
Instrument :
MSVOA_N
ClientSampleId :

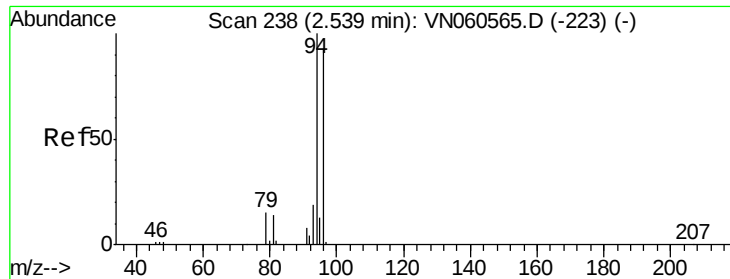
Tot Ion: 50 Resp: 60938
Ion Ratio Lower Upper
50 100
52 32.6 26.2 39.2



#4
Vinyl Chloride
Concen: 16.888 ug/l
RT: 2.17 min Scan# 123
Delta R.T. 0.01 min
Lab File: VN060763.D
Acq: 30 Mar 2020 12:25

Tgt Ion: 62 Resp: 47673
Ion Ratio Lower Upper
62 100
64 31.2 24.7 37.1





#5

Bromomethane

Concen: 19.731 ug/l

RT: 2.55 min Scan# 241

Delta R.T. 0.01 min

Lab File: VN060763.D

Acq: 30 Mar 2020 12:25

Instrument :

MSVOA_N

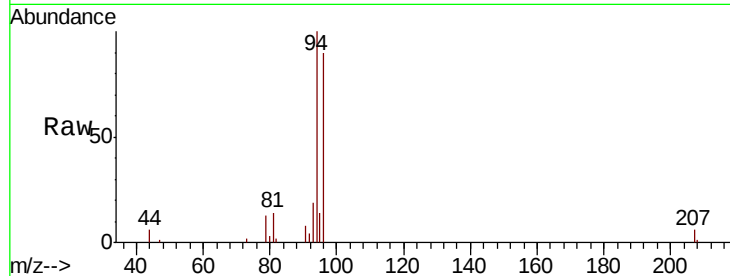
ClientSampled :

Tot Ion: 94 Resp: 24044

Ion Ratio Lower Upper

94 100

96 88.9 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VN060763.D (-145) (-)

Ion 95.90 (95.60 to 96.60): VN060763.D (-145) (-)

2.55

15000

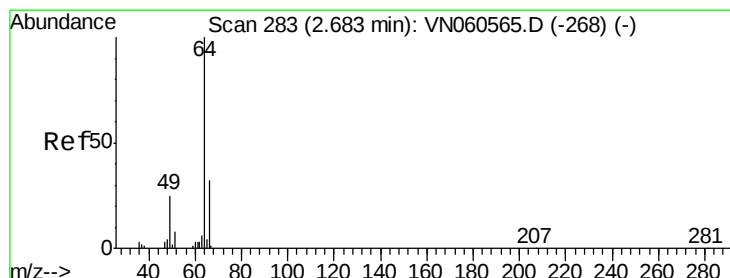
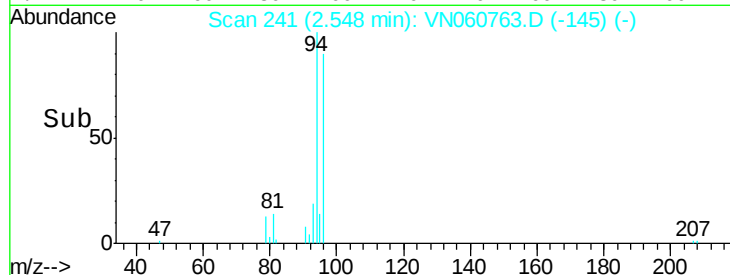
10000

5000

0

Time-->

2.50 2.55 2.60



#6

Chloroethane

Concen: 18.566 ug/l

RT: 2.69 min Scan# 284

Delta R.T. 0.00 min

Lab File: VN060763.D

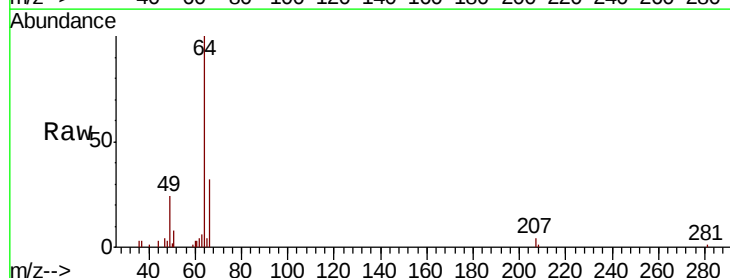
Acq: 30 Mar 2020 12:25

Tgt Ion: 64 Resp: 30189

Ion Ratio Lower Upper

64 100

66 31.7 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VN060763.D (-190) (-)

Ion 65.90 (65.60 to 66.60): VN060763.D (-190) (-)

2.69

15000

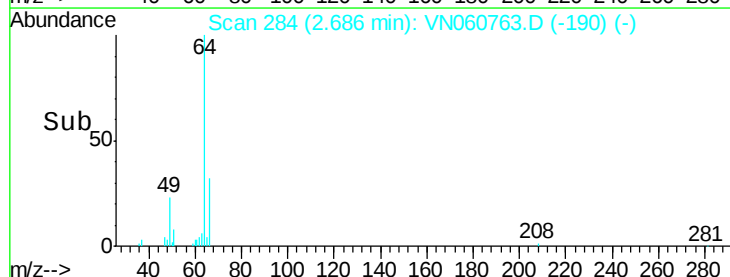
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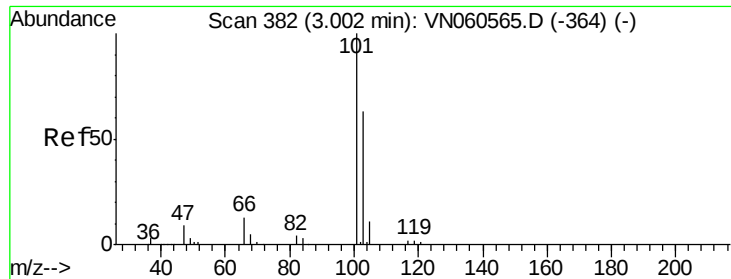
5000

0

Time-->

2.60 2.65 2.70 2.75



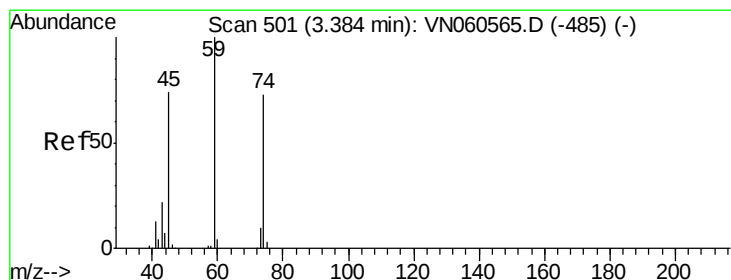
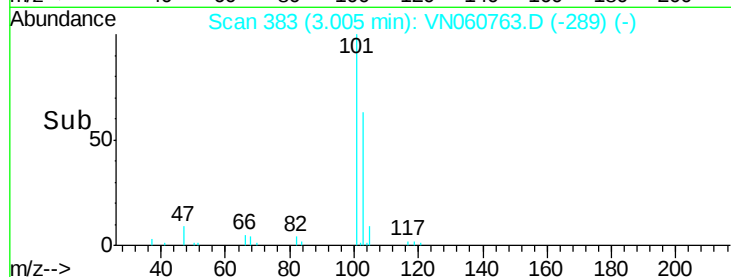
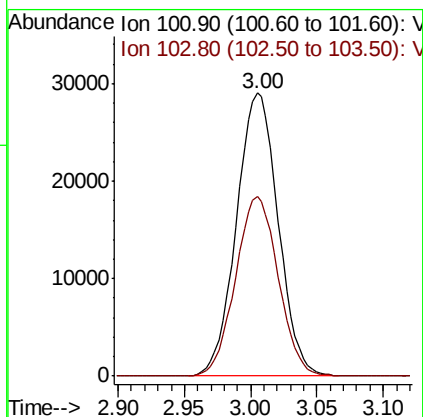
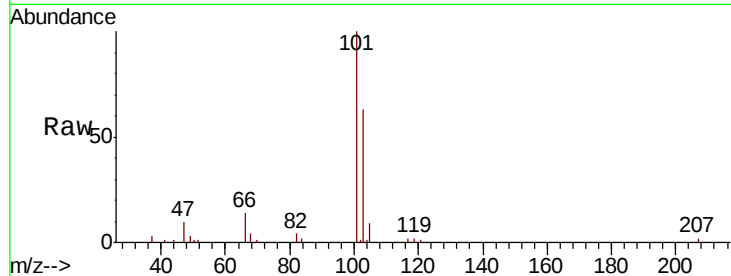


#7

Trichlorofluoromethane
 Concen: 18.269 ug/l
 RT: 3.00 min Scan# 383
 Delta R.T. 0.00 min
 Lab File: VN060763.D
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Instrument :
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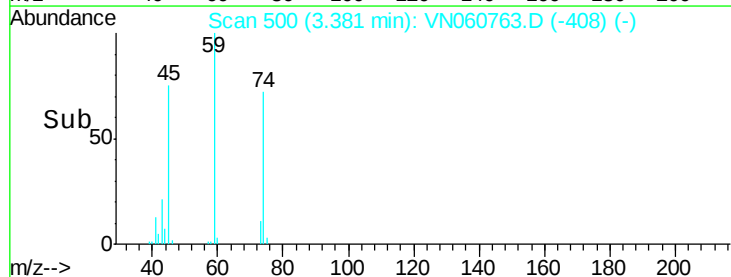
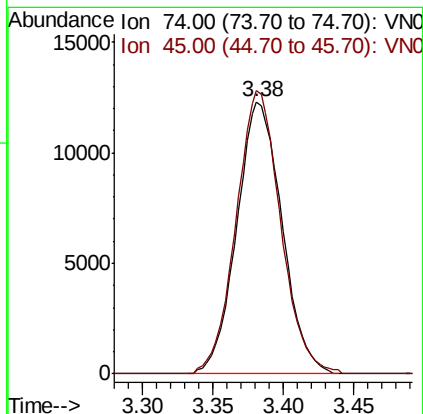
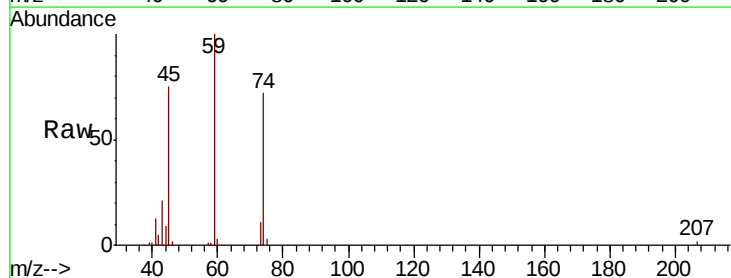
Tot Ion:101 Resp: 63527
 Ion Ratio Lower Upper
 101 100
 103 63.3 50.6 76.0

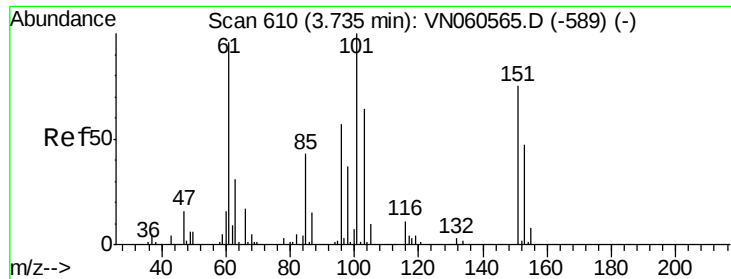


#8

Diethyl Ether
 Concen: 19.775 ug/l
 RT: 3.38 min Scan# 500
 Delta R.T. -0.00 min
 Lab File: VN060763.D
 Acq: 30 Mar 2020 12:25

Tgt Ion: 74 Resp: 27624
 Ion Ratio Lower Upper
 74 100
 45 102.6 51.3 153.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.311 ug/l

RT: 3.74 min Scan# 611

Delta R.T. 0.00 min

Lab File: VN060763.D

Acq: 30 Mar 2020 12:25

Instrument :

MSVOA_N

ClientSampled :

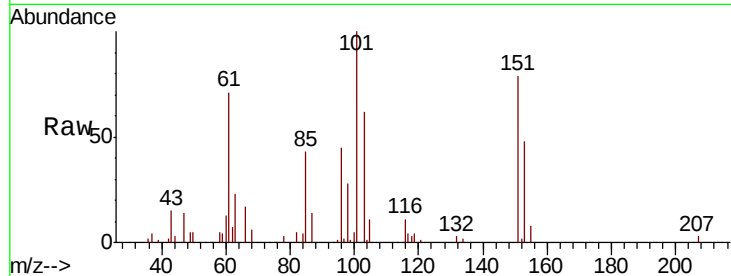
Tot Ion:101 Resp: 38909

Ion Ratio Lower Upper

101 100

85 45.0 35.6 53.4

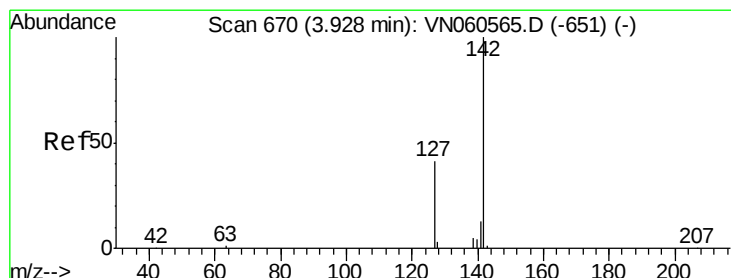
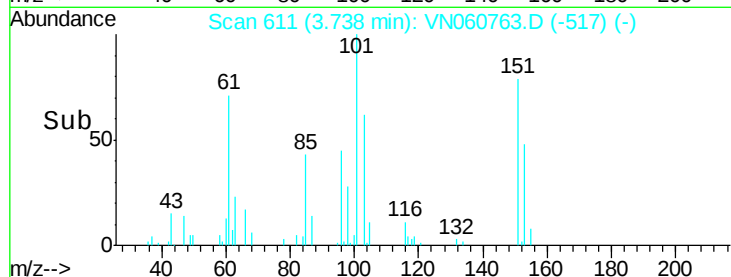
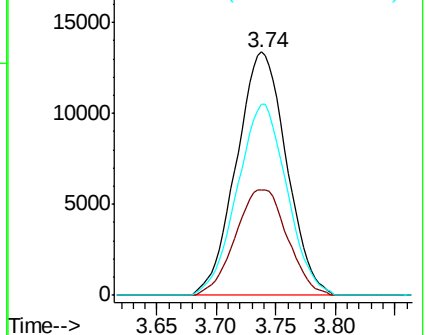
151 78.2 61.4 92.2



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: 18.556 ug/l

RT: 3.93 min Scan# 671

Delta R.T. 0.00 min

Lab File: VN060763.D

Acq: 30 Mar 2020 12:25

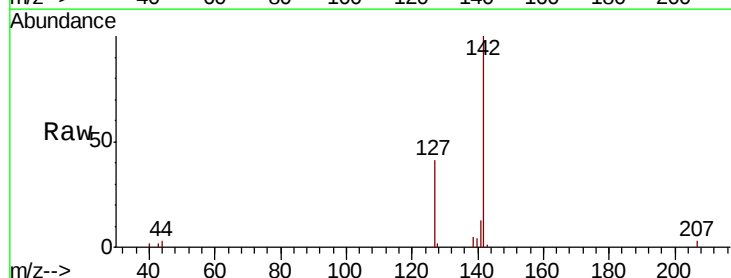
Tgt Ion:142 Resp: 33270

Ion Ratio Lower Upper

142 100

127 41.9 33.5 50.3

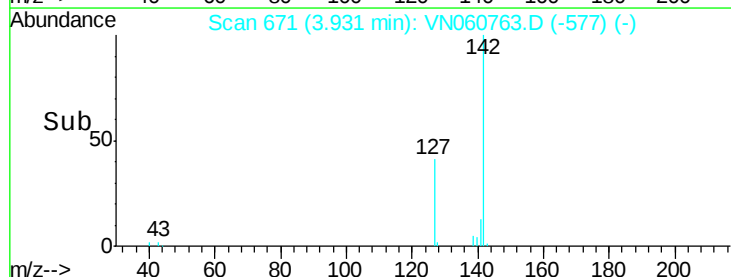
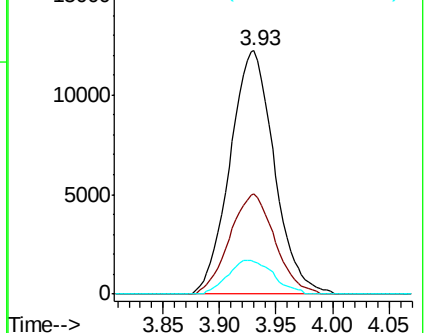
141 14.3 11.0 16.6

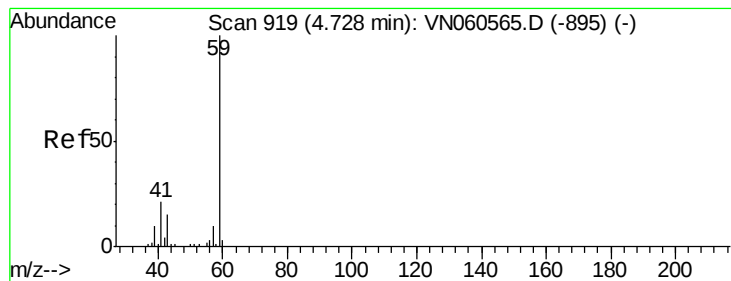


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



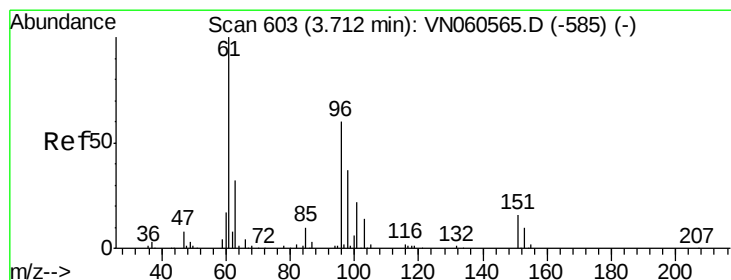
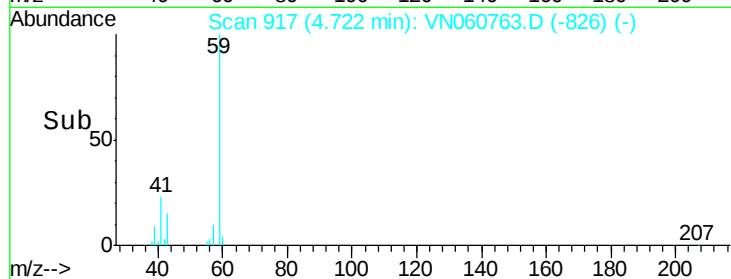
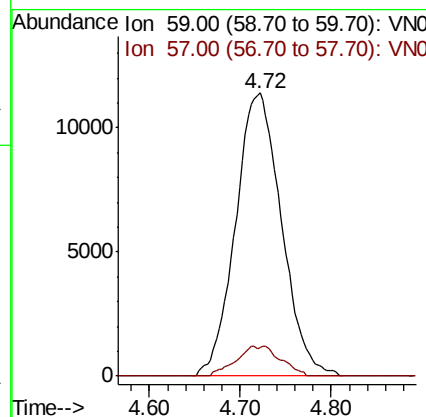
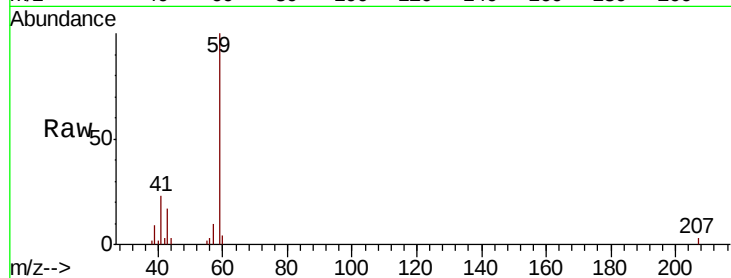


#11

Tert butyl alcohol
Concen: 99.123 ug/l
RT: 4.72 min Scan# 917
Delta R.T. -0.01 min
Lab File: VN060763.D
Acq: 30 Mar 2020 12:25

Instrument :
MSVOA_N
ClientSampled :

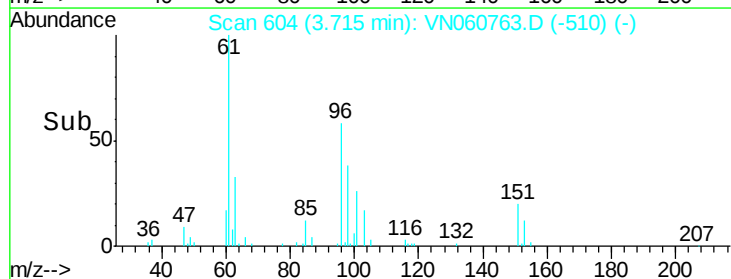
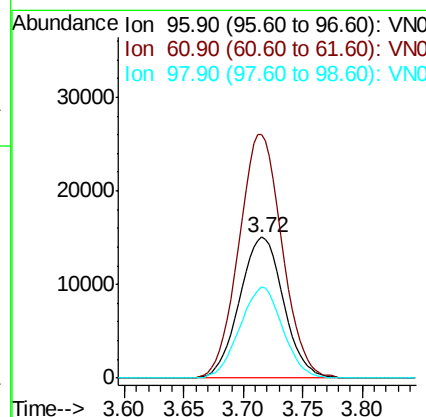
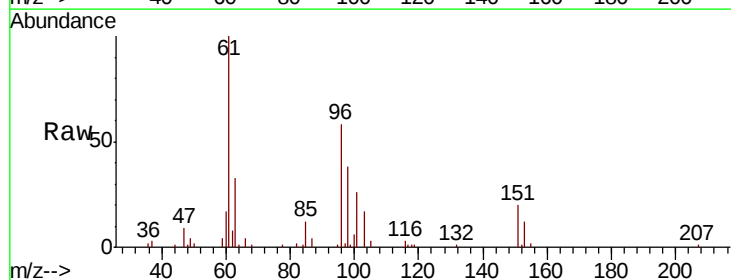
Tot Ion: 59 Resp: 39966
Ion Ratio Lower Upper
59 100
57 5.1 8.2 12.4#

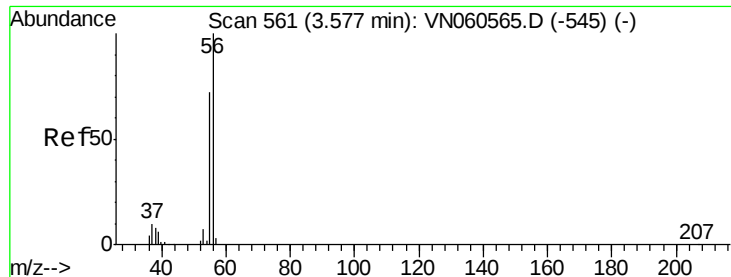


#12

1,1-Dichloroethene
Concen: 17.821 ug/l
RT: 3.72 min Scan# 604
Delta R.T. 0.00 min
Lab File: VN060763.D
Acq: 30 Mar 2020 12:25

Tgt Ion: 96 Resp: 38533
Ion Ratio Lower Upper
96 100
61 173.0 134.1 201.1
98 65.0 49.9 74.9





#13

Acrolein

Concen: 89.455 ug/l

RT: 3.57 min Scan# 560

Delta R.T. -0.00 min

Lab File: VN060763.D

Acq: 30 Mar 2020 12:25

Instrument :

MSVOA_N

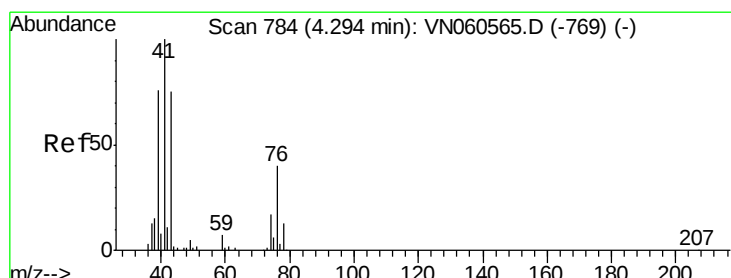
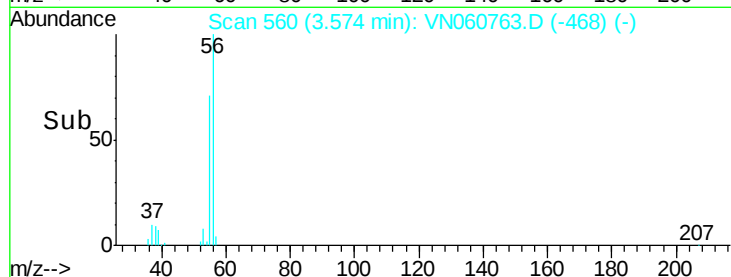
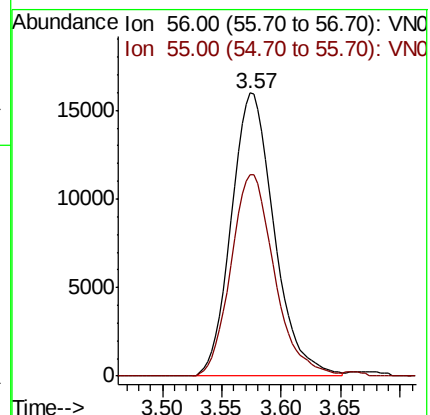
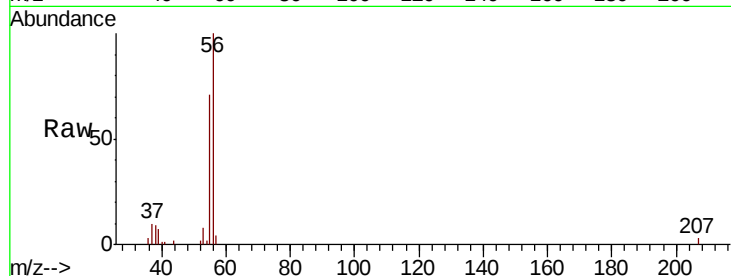
ClientSampleId :

Tot Ion: 56 Resp: 39974

Ion Ratio Lower Upper

56 100

55 71.9 56.7 85.1



#14

Allyl chloride

Concen: 18.297 ug/l

RT: 4.29 min Scan# 783

Delta R.T. -0.00 min

Lab File: VN060763.D

Acq: 30 Mar 2020 12:25

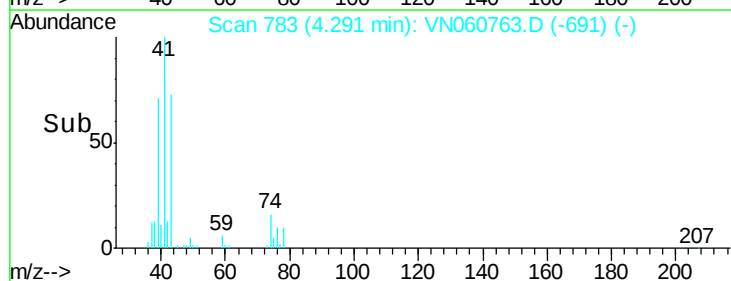
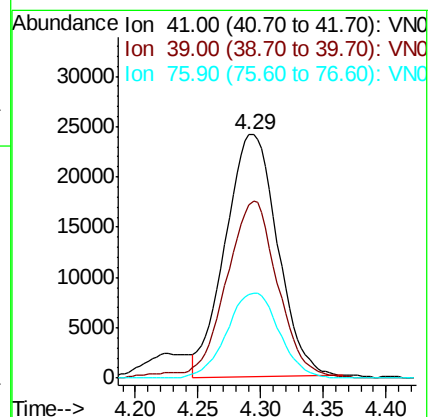
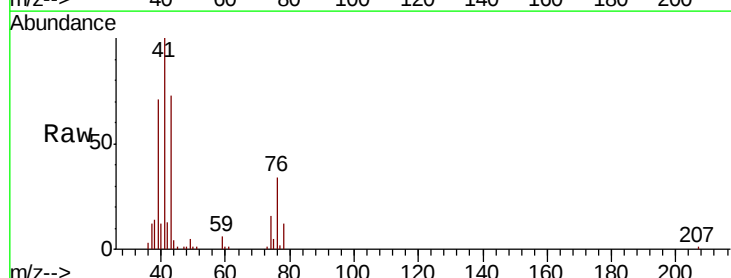
Tgt Ion: 41 Resp: 69583

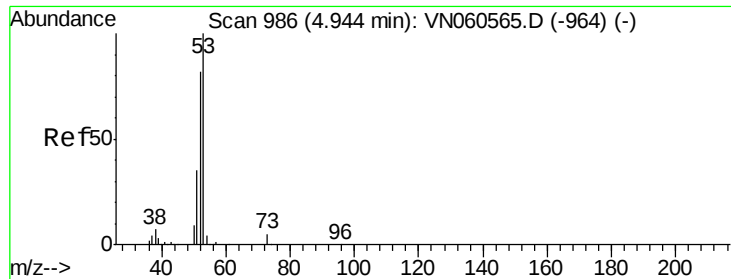
Ion Ratio Lower Upper

41 100

39 73.4 57.8 86.8

76 35.2 28.6 43.0





#15

Acrylonitrile

Concen: 98.690 ug/l

RT: 4.94 min Scan# 985

Delta R.T. -0.00 min

Lab File: VN060763.D

Acq: 30 Mar 2020 12:25

Instrument :

MSVOA_N

ClientSampleId :

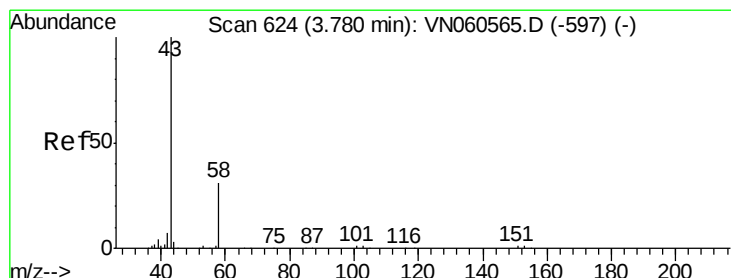
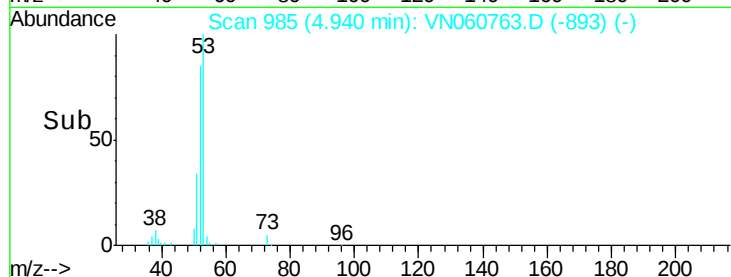
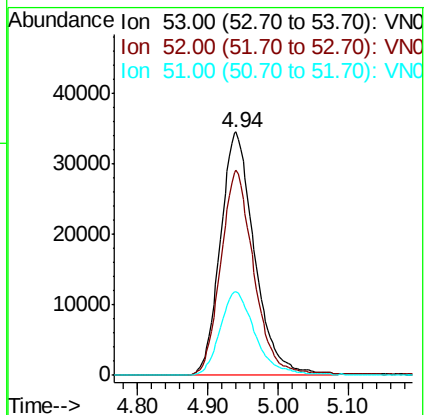
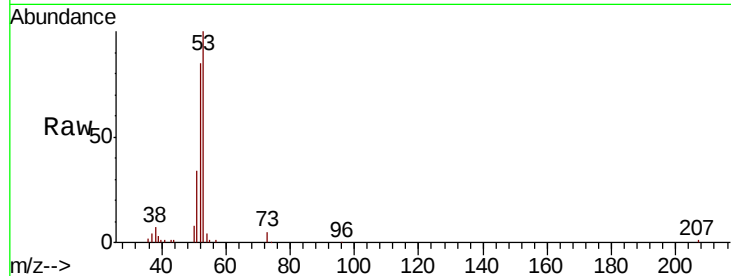
Tot Ion: 53 Resp: 117010

Ion Ratio Lower Upper

53 100

52 81.5 66.2 99.4

51 35.1 28.7 43.1



#16

Acetone

Concen: 103.350 ug/l

RT: 3.78 min Scan# 623

Delta R.T. -0.00 min

Lab File: VN060763.D

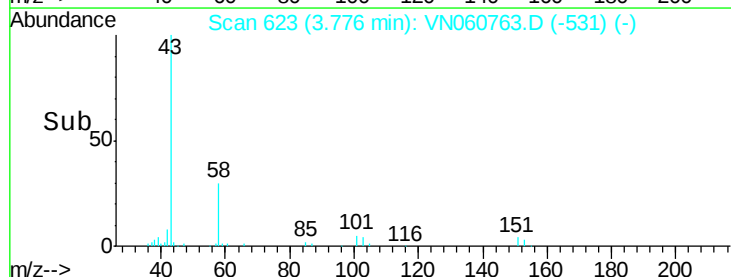
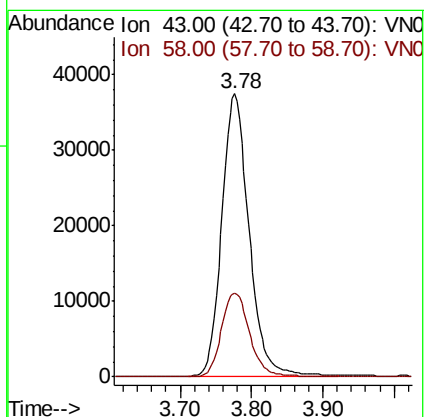
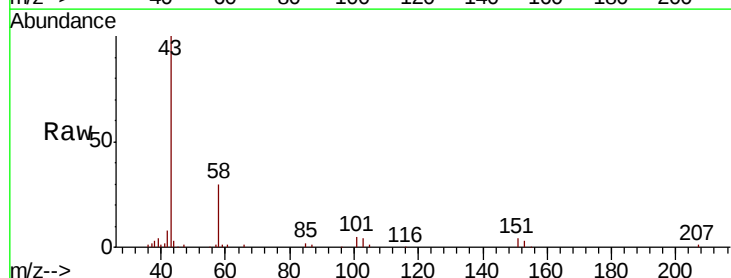
Acq: 30 Mar 2020 12:25

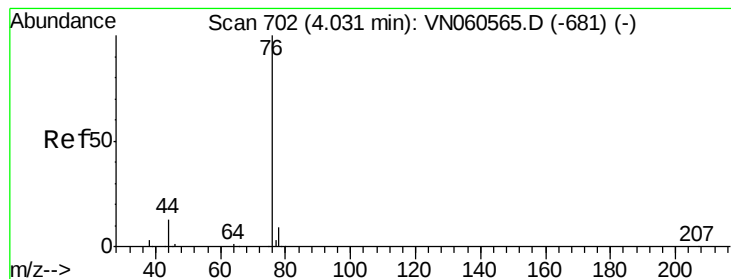
Tgt Ion: 43 Resp: 100365

Ion Ratio Lower Upper

43 100

58 29.5 25.1 37.7





#17

Carbon Disulfide

Concen: 17.225 ug/l

RT: 4.03 min Scan# 702

Delta R.T. -0.00 min

Lab File: VN060763.D

Acq: 30 Mar 2020 12:25

Instrument :

MSVOA_N

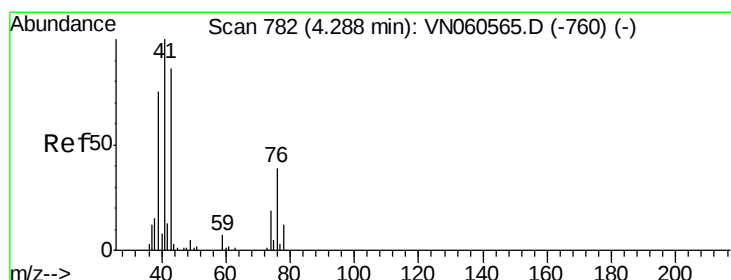
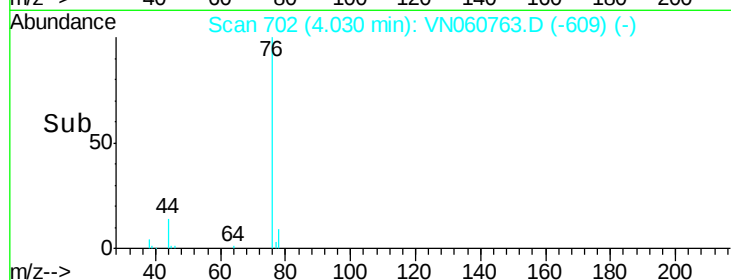
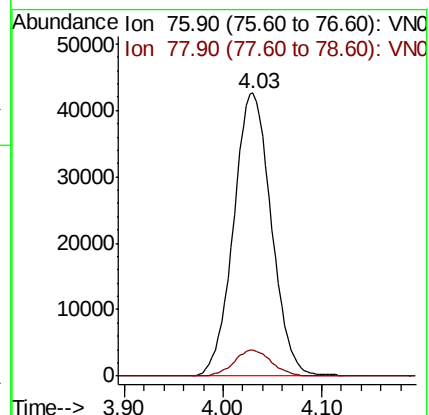
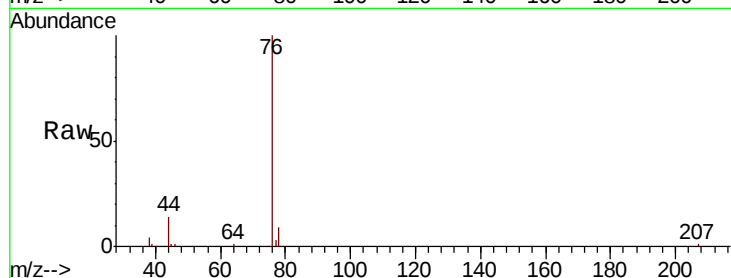
ClientSampleId :

Tot Ion: 76 Resp: 113271

Ion Ratio Lower Upper

76 100

78 9.3 7.2 10.8



#18

Methyl Acetate

Concen: 20.241 ug/l

RT: 4.28 min Scan# 781

Delta R.T. -0.00 min

Lab File: VN060763.D

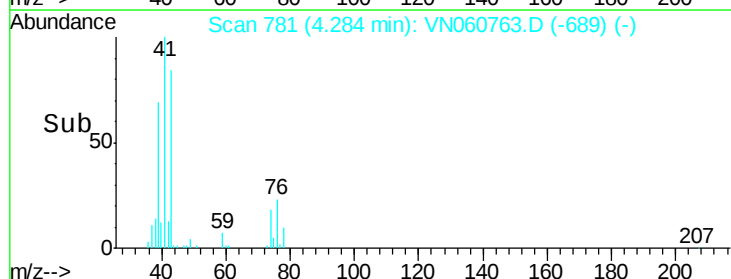
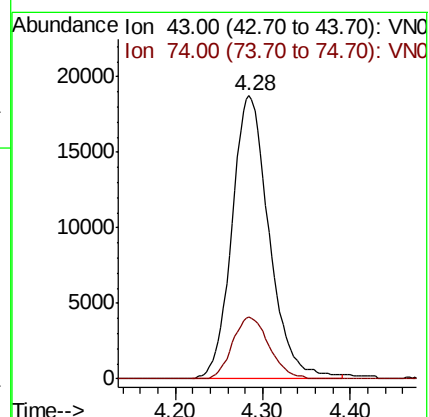
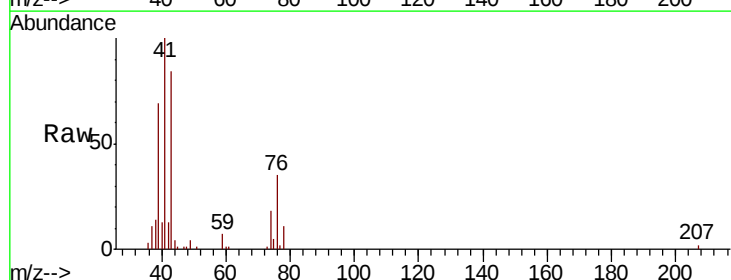
Acq: 30 Mar 2020 12:25

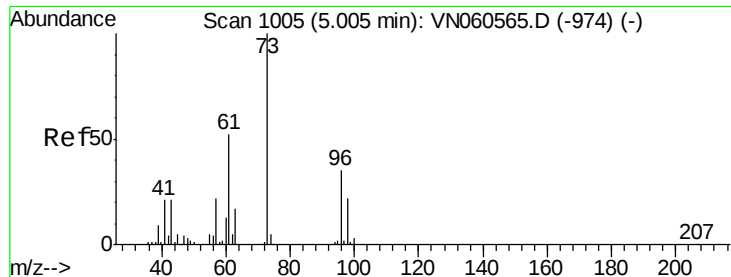
Tgt Ion: 43 Resp: 55326

Ion Ratio Lower Upper

43 100

74 21.4 17.5 26.3



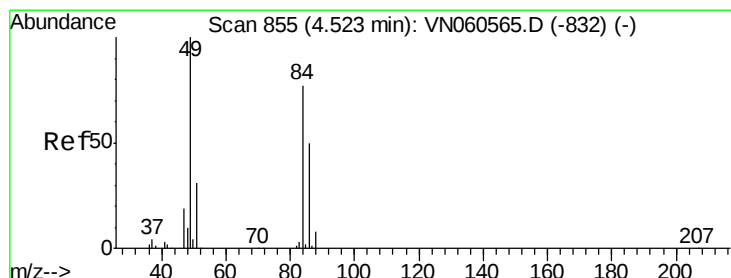
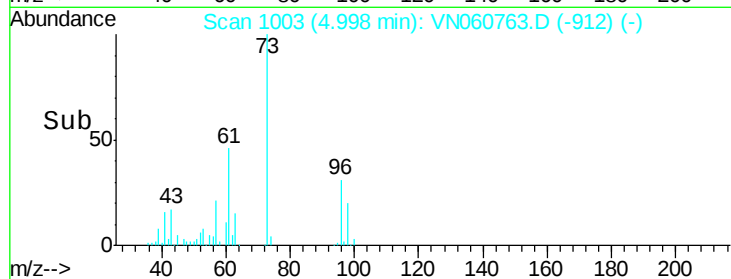
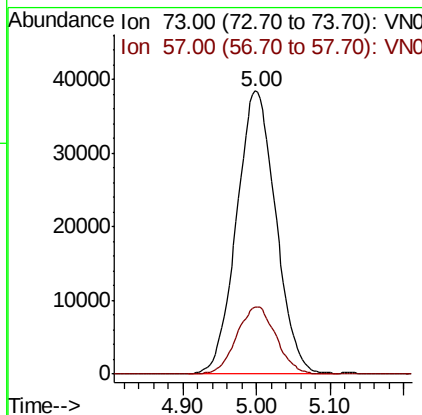
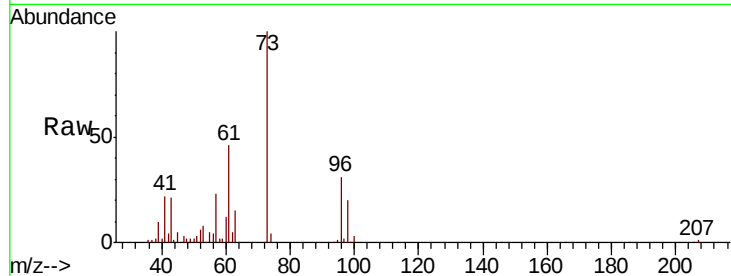


#19

Methyl tert-butyl Ether
 Concen: 19.151 ug/l
 RT: 5.00 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: VN060763.D
 Acq: 30 Mar 2020 12:25

Instrument :
 MSVOA_N
 ClientSampled :

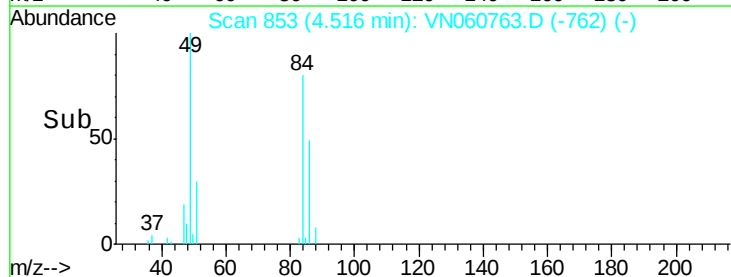
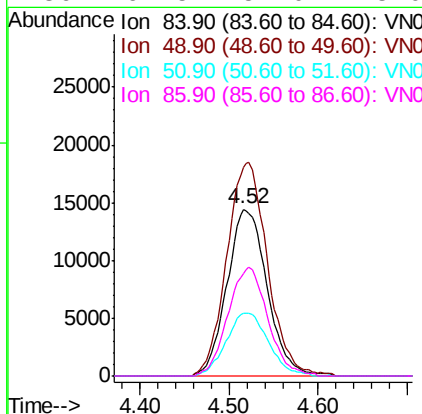
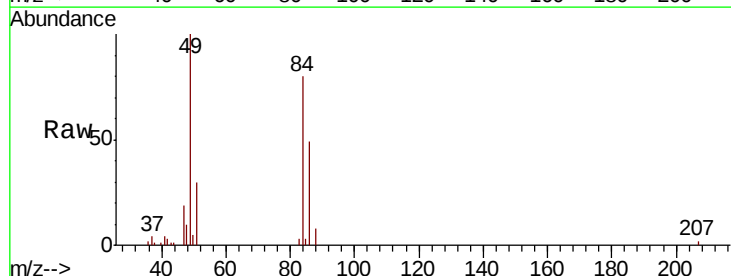
Tot Ion: 73 Resp: 142368
 Ion Ratio Lower Upper
 73 100
 57 23.5 17.5 26.3

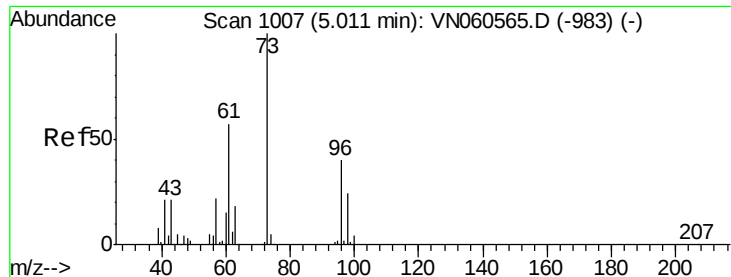


#20

Methylene Chloride
 Concen: 18.905 ug/l
 RT: 4.52 min Scan# 853
 Delta R.T. -0.01 min
 Lab File: VN060763.D
 Acq: 30 Mar 2020 12:25

Tgt Ion: 84 Resp: 45163
 Ion Ratio Lower Upper
 84 100
 49 124.8 103.3 154.9
 51 37.8 31.6 47.4
 86 61.5 52.0 78.0

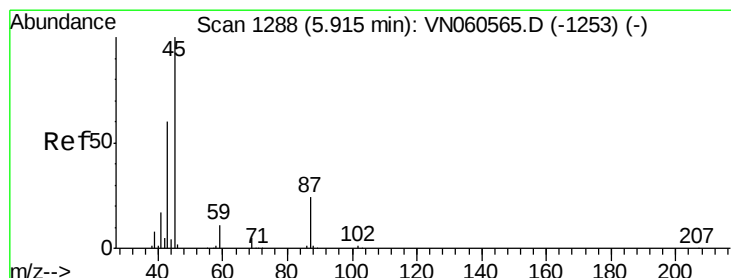
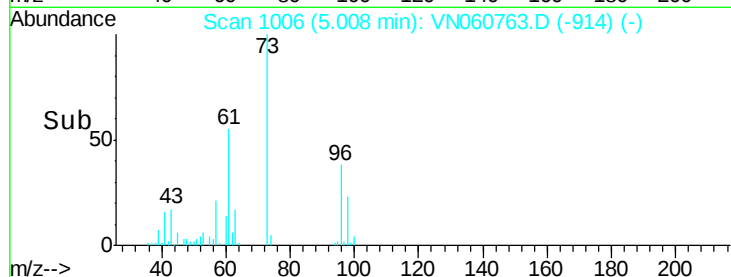
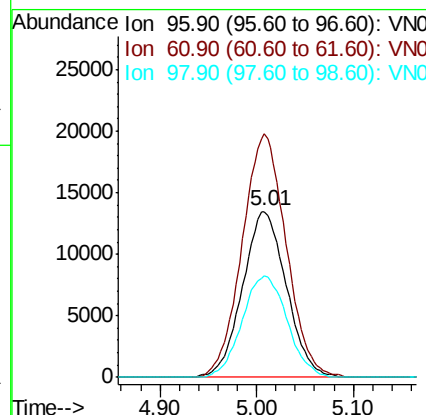
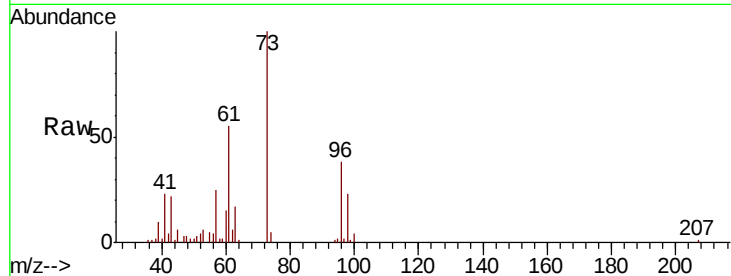




#21
trans-1,2-Dichloroethene
Concen: 18.433 ug/l
RT: 5.01 min Scan# 1006
Delta R.T. -0.00 min
Lab File: VN060763.D
Acq: 30 Mar 2020 12:25

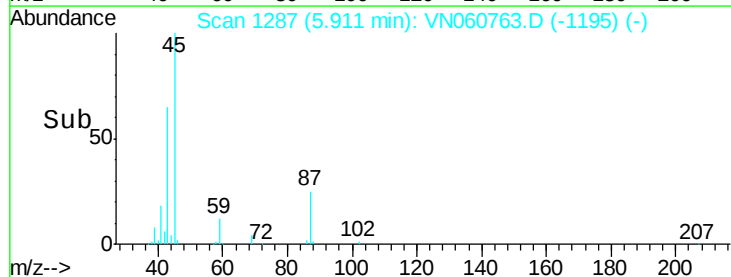
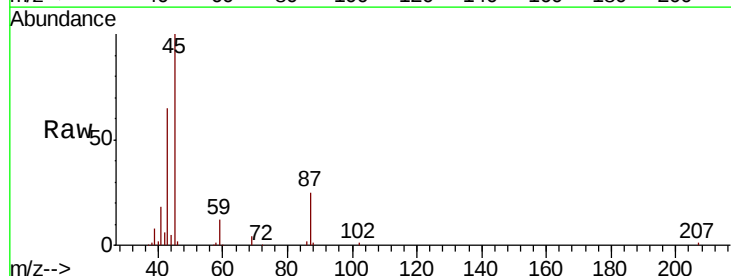
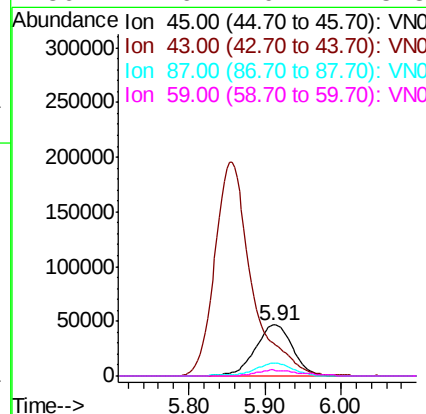
Instrument :
MSVOA_N
ClientSampled :

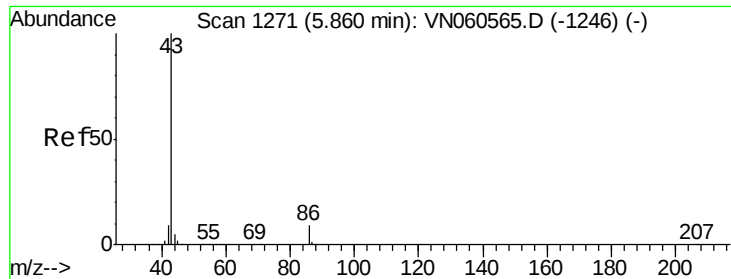
Tot Ion: 96 Resp: 42477
Ion Ratio Lower Upper
96 100
61 146.7 114.4 171.6
98 61.0 48.4 72.6



#22
Diisopropyl ether
Concen: 19.955 ug/l
RT: 5.91 min Scan# 1287
Delta R.T. -0.00 min
Lab File: VN060763.D
Acq: 30 Mar 2020 12:25

Tgt Ion: 45 Resp: 160324
Ion Ratio Lower Upper
45 100
43 63.4 49.8 74.8
87 25.3 20.1 30.1
59 11.6 9.2 13.8





#23

Vinyl Acetate

Concen: 100.474 ug/l

RT: 5.86 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VN060763.D

Acq: 30 Mar 2020 12:25

Instrument :

MSVOA_N

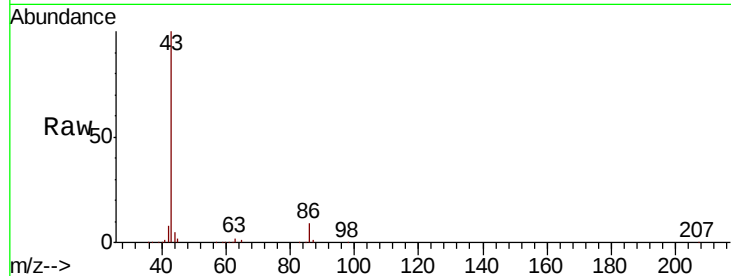
ClientSampled :

Tot Ion: 43 Resp: 658643

Ion Ratio Lower Upper

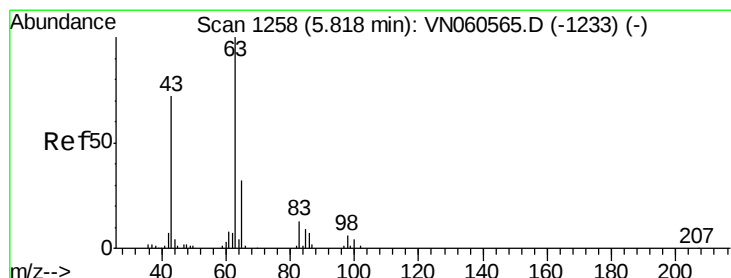
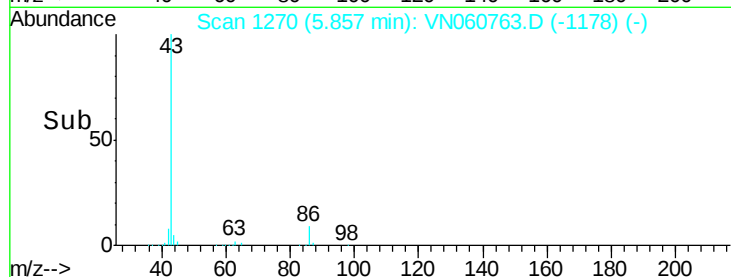
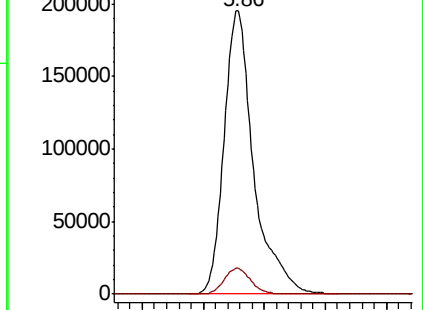
43 100

86 9.1 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VN060763.D (-1178) (-)

Ion 86.00 (85.70 to 86.70): VN060763.D (-1178) (-)



#24

1,1-Dichloroethane

Concen: 19.216 ug/l

RT: 5.81 min Scan# 1257

Delta R.T. -0.00 min

Lab File: VN060763.D

Acq: 30 Mar 2020 12:25

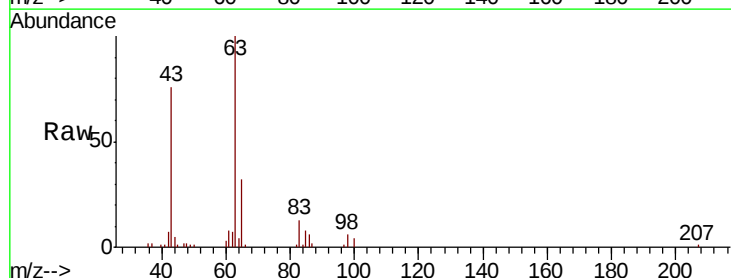
Tgt Ion: 63 Resp: 84165

Ion Ratio Lower Upper

63 100

98 5.9 2.9 8.7

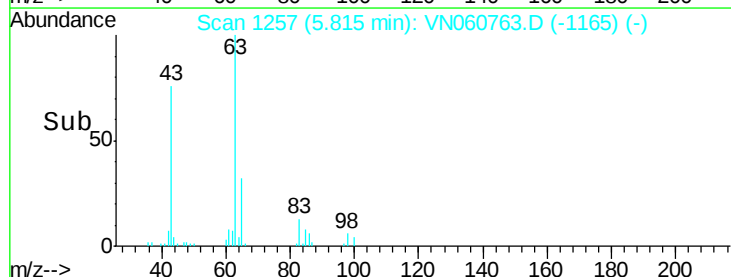
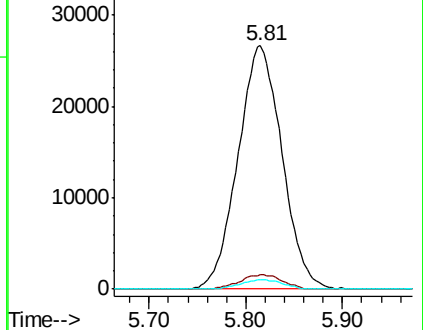
100 3.8 1.8 5.5

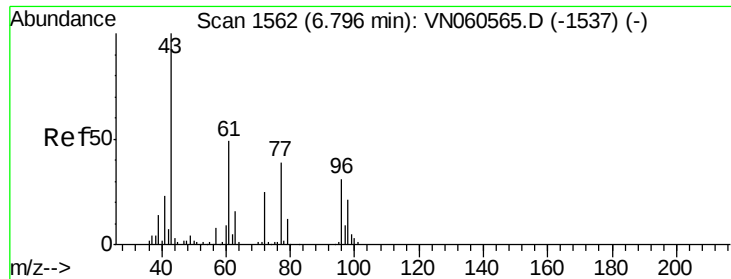


Abundance Ion 62.90 (62.60 to 63.60): VN060763.D (-1165) (-)

Ion 97.90 (97.60 to 98.60): VN060763.D (-1165) (-)

Ion 99.90 (99.60 to 100.60): VN060763.D (-1165) (-)

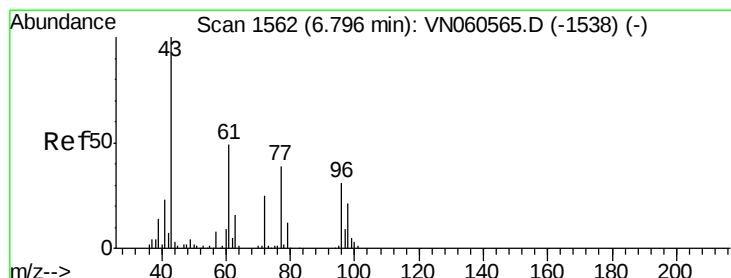
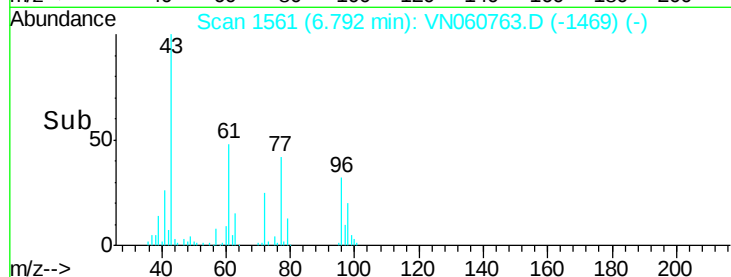
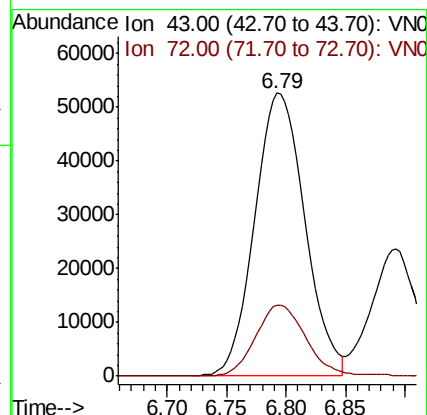
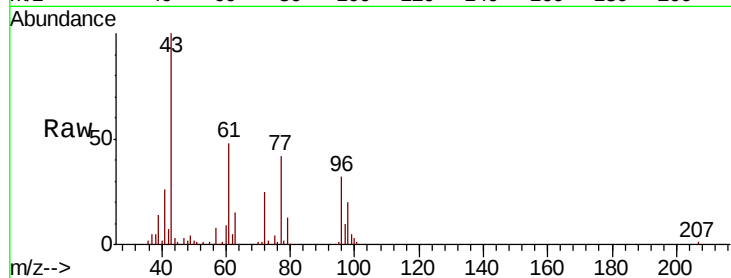




#25
2-Butanone
Concen: 98.081 ug/l
RT: 6.79 min Scan# 1561
Delta R.T. -0.00 min
Lab File: VN060763.D
Acq: 30 Mar 2020 12:25

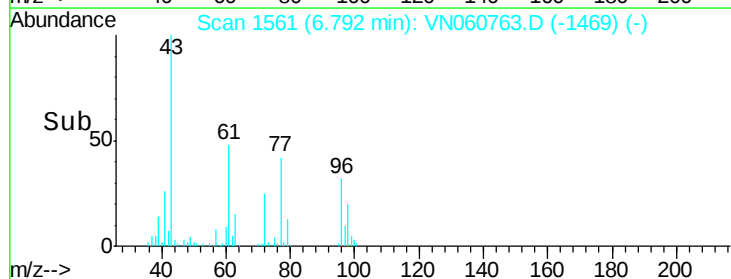
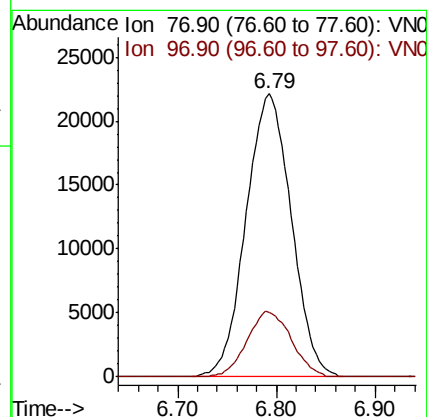
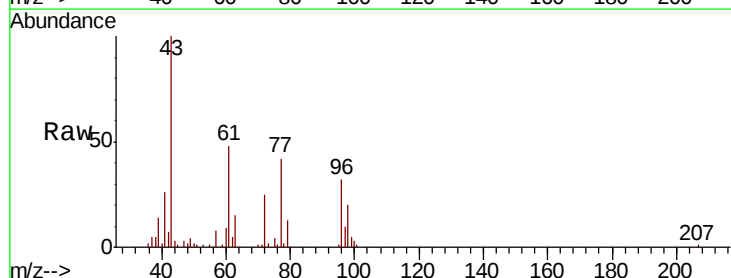
Instrument :
MSVOA_N
ClientSampled :

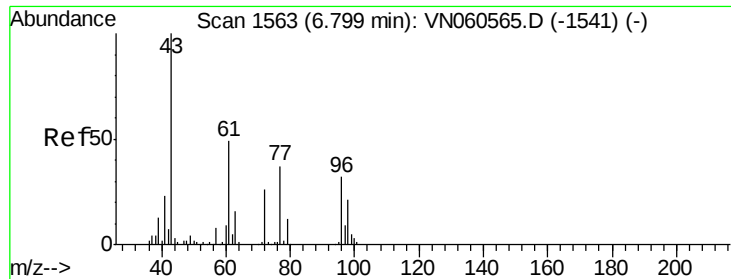
Tot Ion: 43 Resp: 154127
Ion Ratio Lower Upper
43 100
72 25.1 20.4 30.6



#26
2,2-Dichloropropane
Concen: 20.416 ug/l
RT: 6.79 min Scan# 1561
Delta R.T. -0.00 min
Lab File: VN060763.D
Acq: 30 Mar 2020 12:25

Tgt Ion: 77 Resp: 70356
Ion Ratio Lower Upper
77 100
97 22.6 11.4 34.1

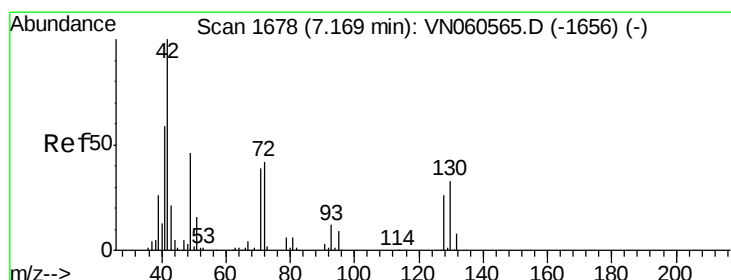
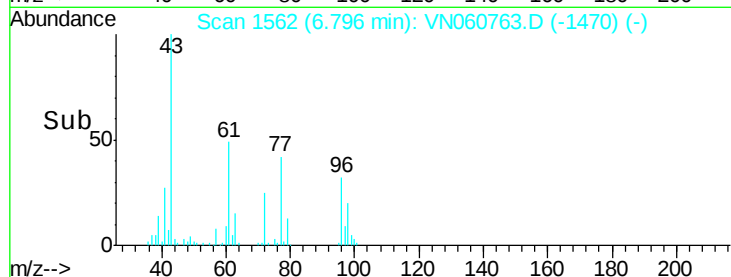
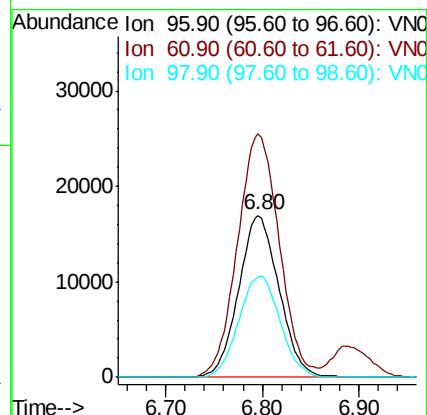
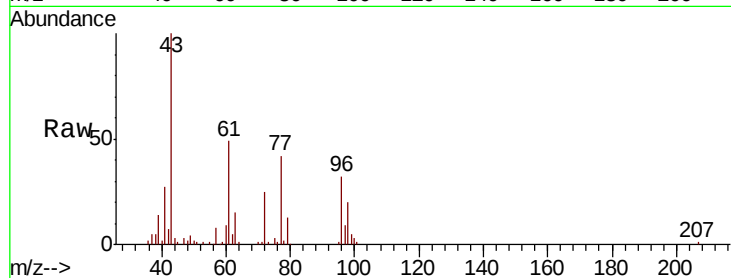




#27
 cis-1,2-Dichloroethene
 Concen: 18.778 ug/l
 RT: 6.80 min Scan# 1562
 Delta R.T. -0.00 min
 Lab File: VN060763.D
 Acq: 30 Mar 2020 12:25

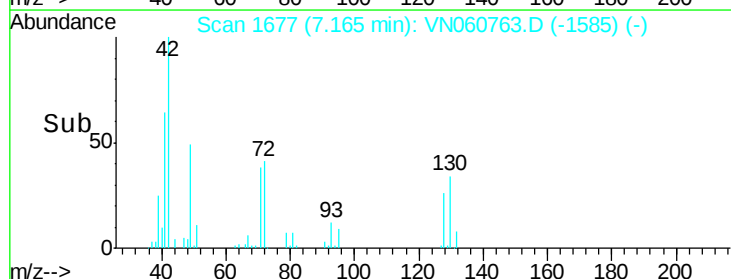
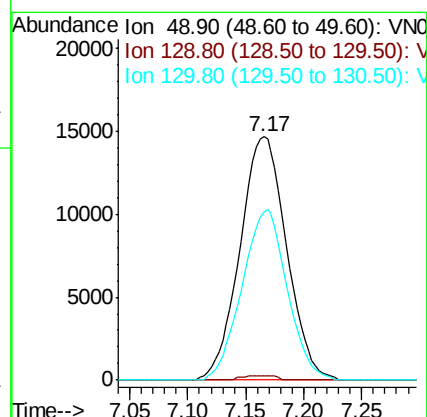
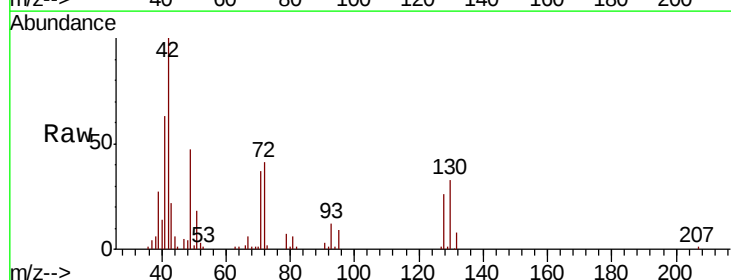
Instrument :
 MSVOA_N
 ClientSampleId :

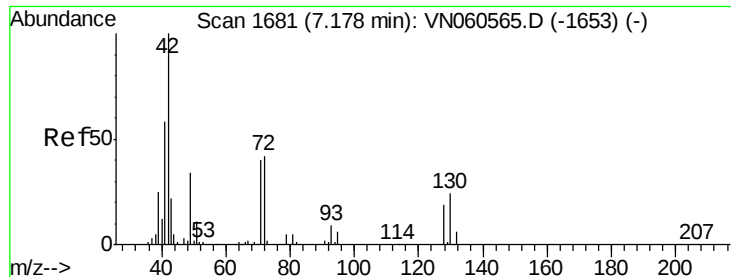
Tot Ion: 96 Resp: 49176
 Ion Ratio Lower Upper
 96 100
 61 155.9 0.0 305.6
 98 63.9 0.0 127.6



#28
 Bromochloromethane
 Concen: 19.547 ug/l
 RT: 7.17 min Scan# 1677
 Delta R.T. -0.00 min
 Lab File: VN060763.D
 Acq: 30 Mar 2020 12:25

Tgt Ion: 49 Resp: 40962
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 3.4
 130 67.8 55.0 82.4

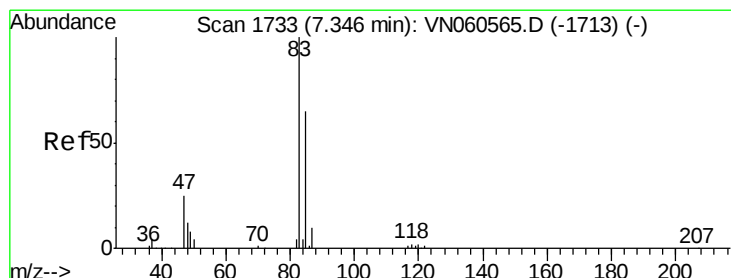
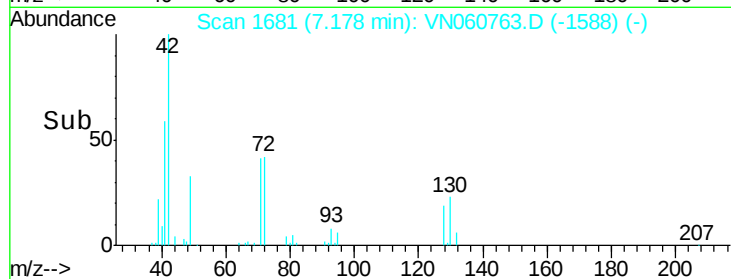
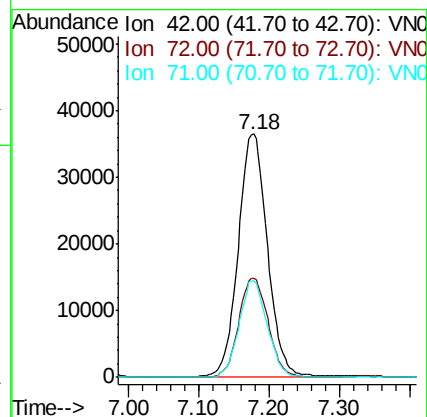
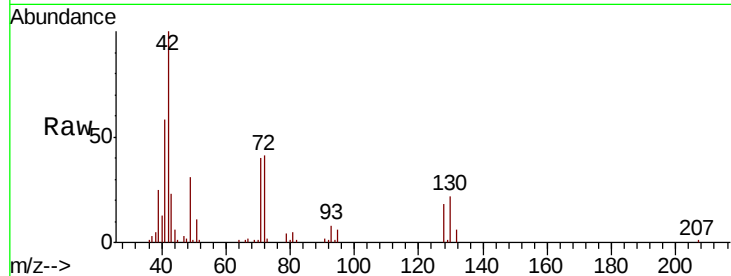




#29
Tetrahydrofuran
Concen: 95.427 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VN060763.D
Acq: 30 Mar 2020 12:25

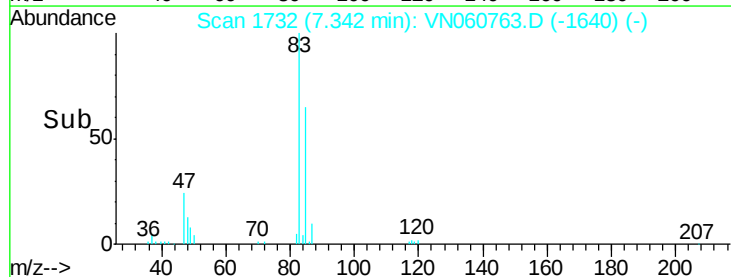
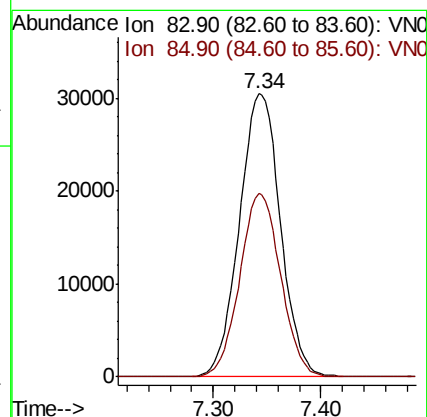
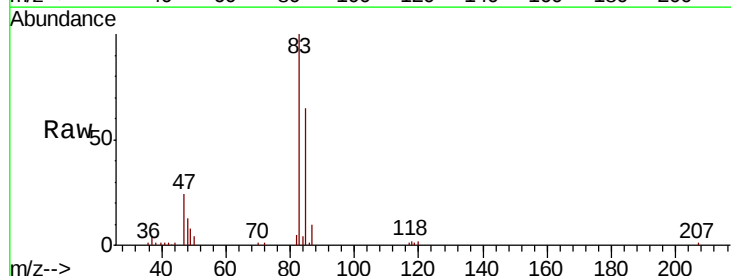
Instrument :
MSVOA_N
ClientSampleId :

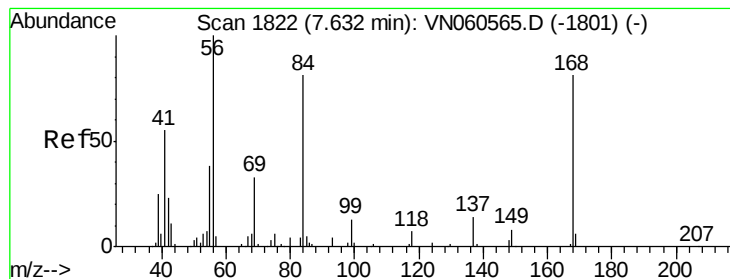
Tot Ion: 42 Resp: 106100
Ion Ratio Lower Upper
42 100
72 40.7 33.2 49.8
71 38.1 31.1 46.7



#30
Chloroform
Concen: 19.201 ug/l
RT: 7.34 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VN060763.D
Acq: 30 Mar 2020 12:25

Tgt Ion: 83 Resp: 80621
Ion Ratio Lower Upper
83 100
85 64.8 51.8 77.8





#31

Cyclohexane

Concen: 18.354 ug/l

RT: 7.63 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VN060763.D

Acq: 30 Mar 2020 12:25

Instrument :
MSVOA_N
ClientSampled :

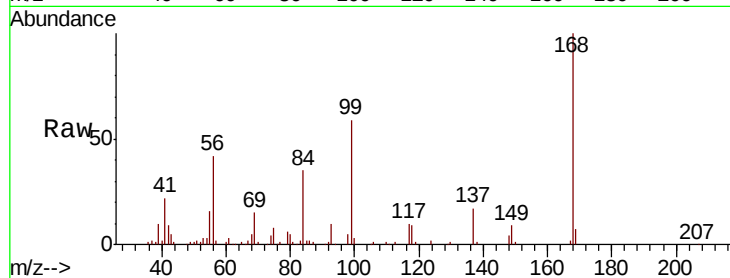
Tot Ion: 56 Resp: 81043

Ion Ratio Lower Upper

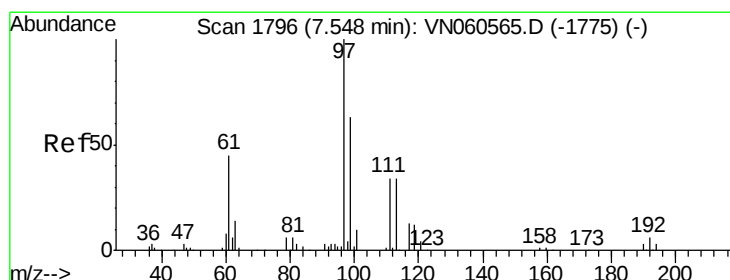
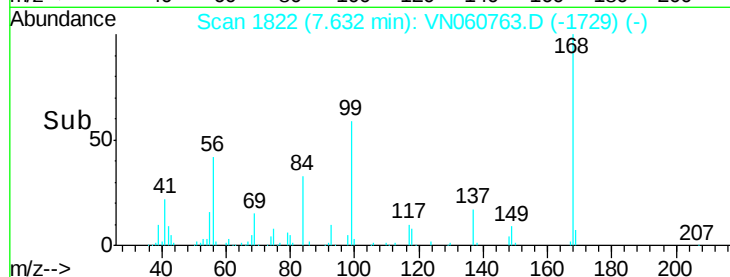
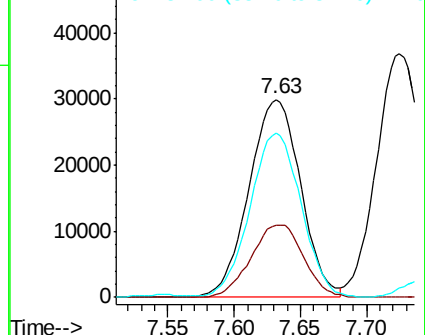
56 100

69 36.4 26.6 40.0

84 82.2 64.3 96.5



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: 18.349 ug/l

RT: 7.54 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VN060763.D

Acq: 30 Mar 2020 12:25

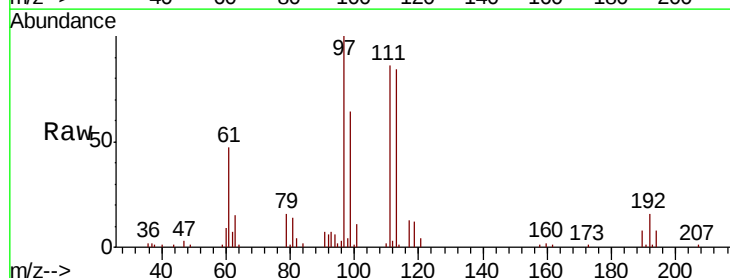
Tgt Ion: 97 Resp: 66417

Ion Ratio Lower Upper

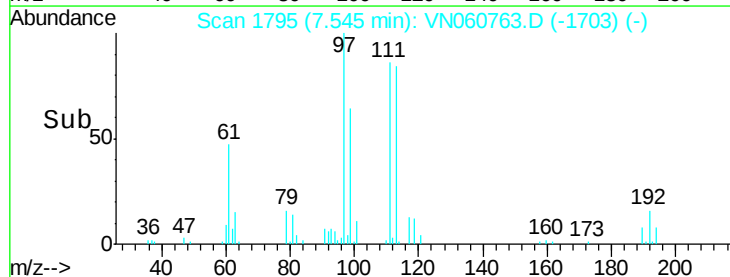
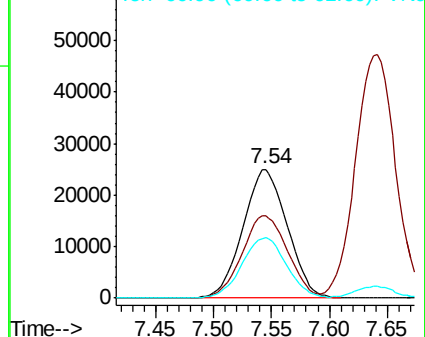
97 100

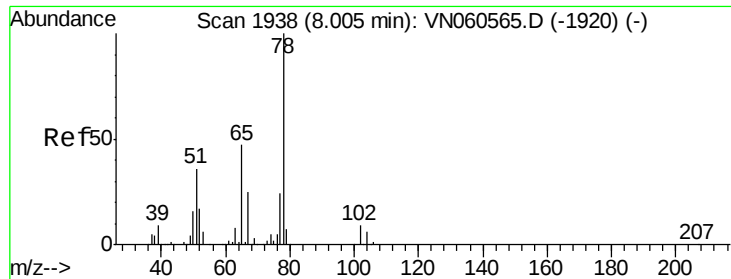
99 65.4 50.6 75.8

61 47.4 36.2 54.4



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

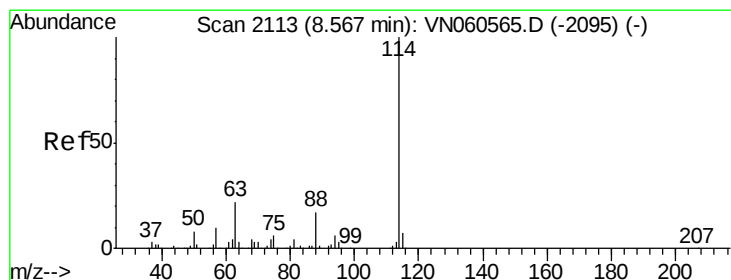
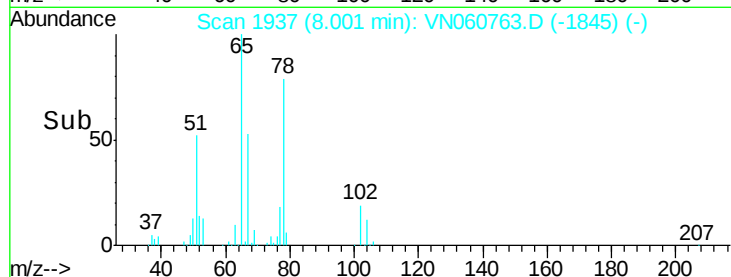
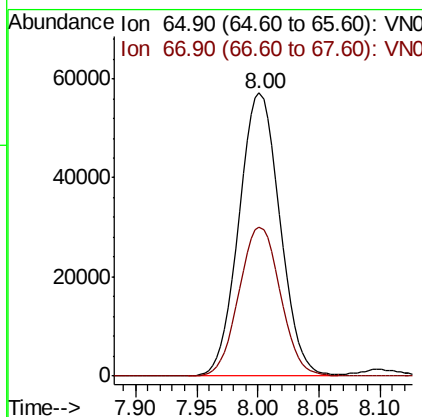
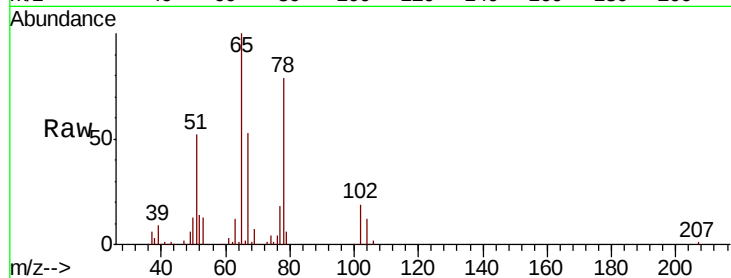




#33
 1,2-Dichloroethane-d4
 Concen: 48.530 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN060763.D
 Acq: 30 Mar 2020 12:25

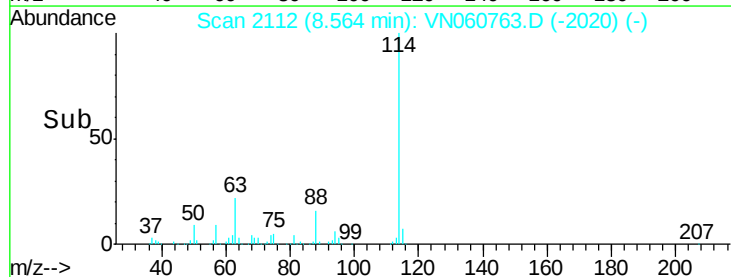
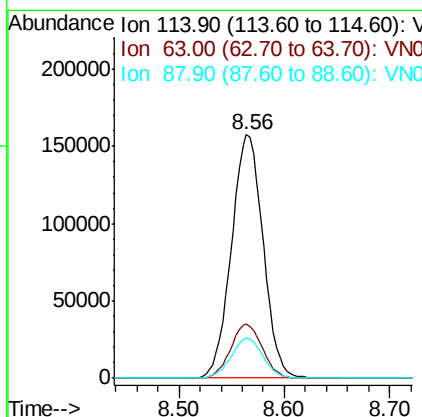
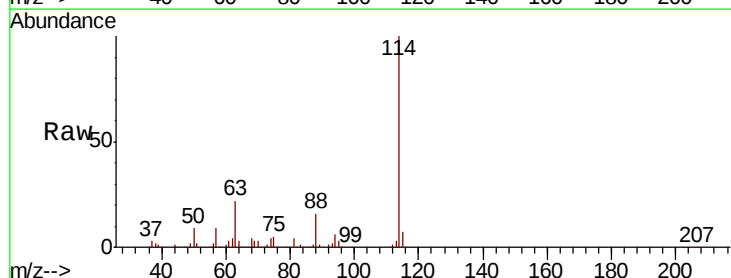
Instrument :
 MSVOA_N
 ClientSampleId :

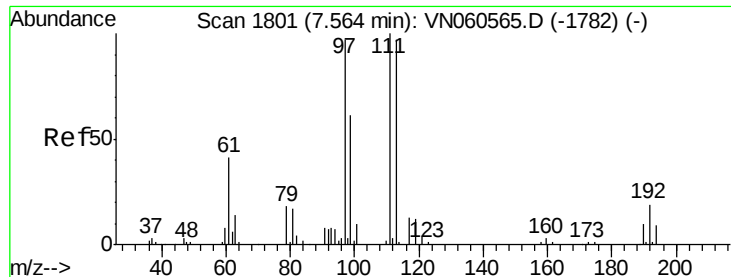
Tot Ion: 65 Resp: 133048
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN060763.D
 Acq: 30 Mar 2020 12:25

Tgt Ion: 114 Resp: 327395
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 43.8
 88 16.5 0.0 33.0

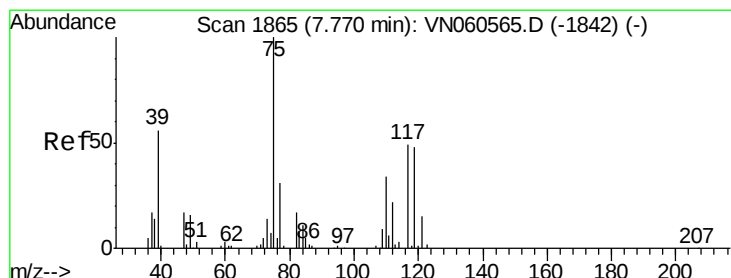
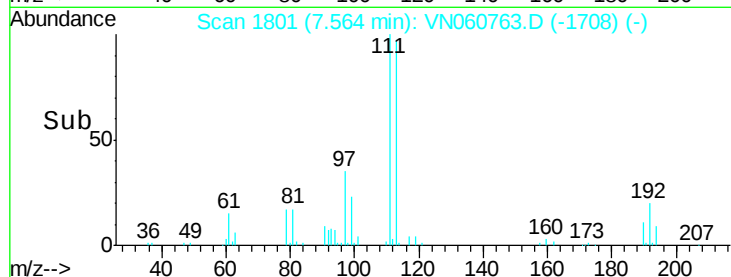
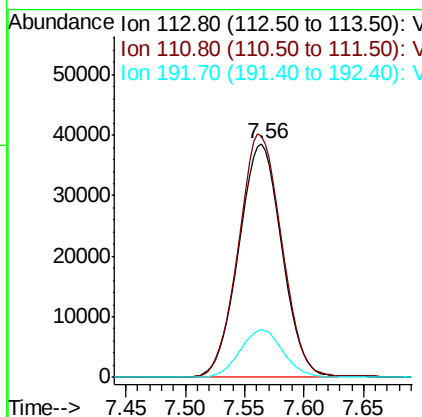
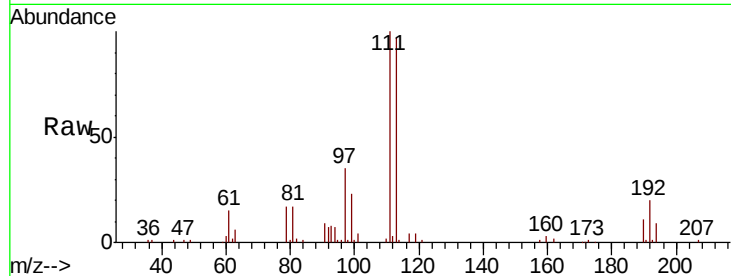




#35
Dibromofluoromethane
Concen: 49.077 ug/l
RT: 7.56 min Scan# 1801
Delta R.T. -0.00 min
Lab File: VN060763.D
Acq: 30 Mar 2020 12:25

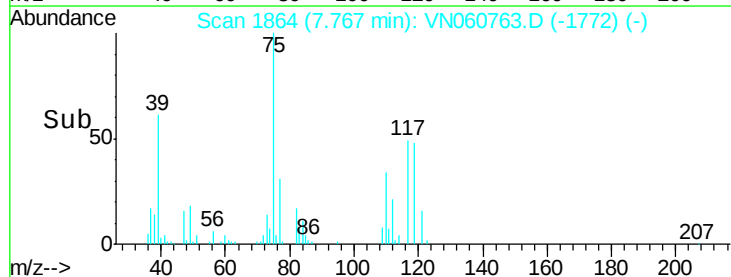
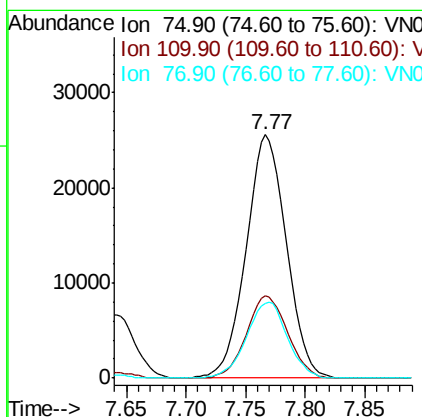
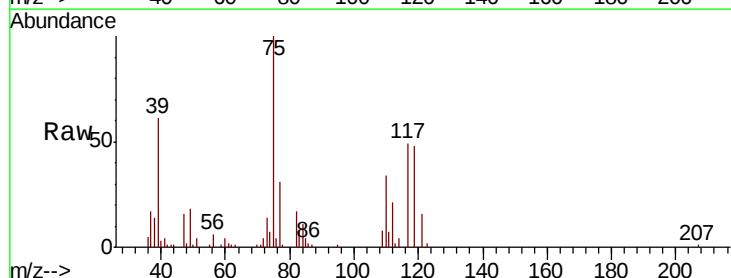
Instrument :
MSVOA_N
ClientSampleId :

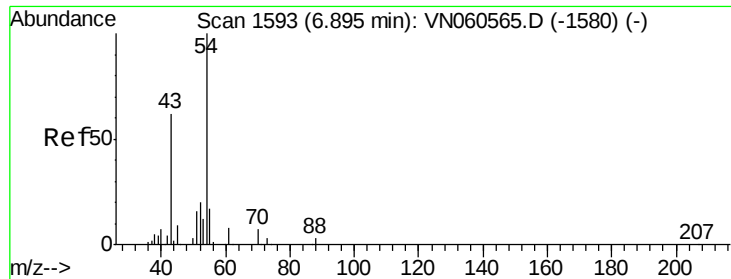
Tot Ion:113 Resp: 97156
Ion Ratio Lower Upper
113 100
111 104.4 82.9 124.3
192 20.1 15.8 23.8



#36
1,1-Dichloropropene
Concen: 18.898 ug/l
RT: 7.77 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN060763.D
Acq: 30 Mar 2020 12:25

Tgt Ion: 75 Resp: 59909
Ion Ratio Lower Upper
75 100
110 34.4 16.9 50.6
77 31.8 24.6 36.8

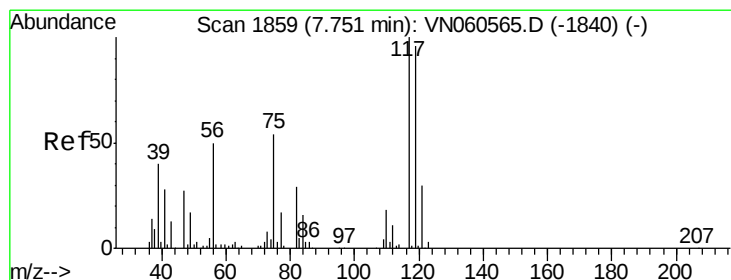
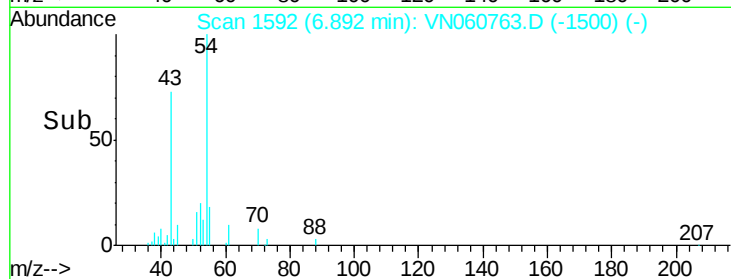
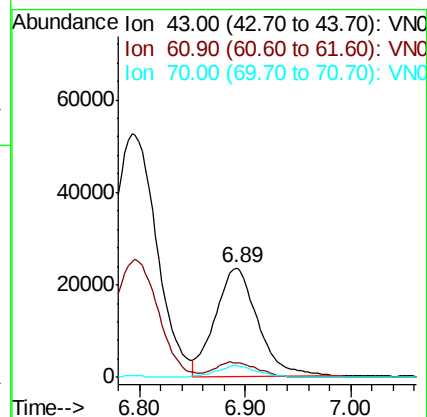
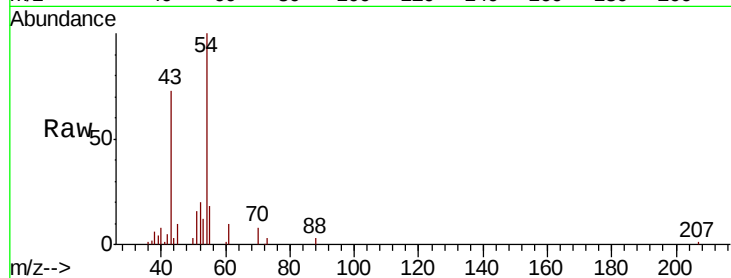




#37
Ethyl Acetate
Concen: 19.108 ug/l
RT: 6.89 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VN060763.D
Acq: 30 Mar 2020 12:25

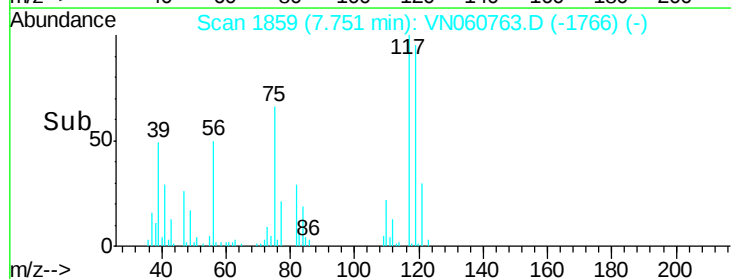
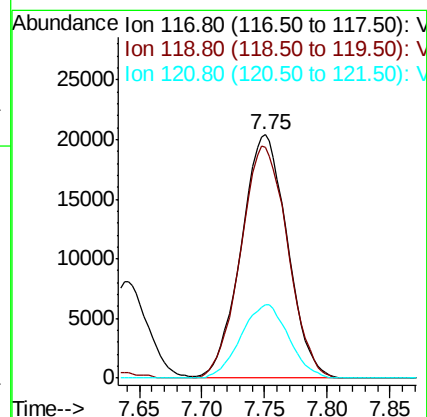
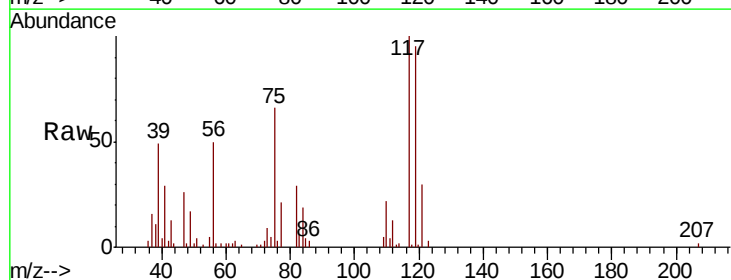
Instrument :
MSVOA_N
ClientSampled :

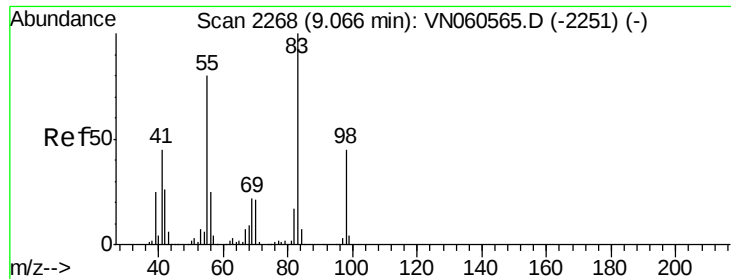
Tot Ion: 43 Resp: 65453
Ion Ratio Lower Upper
43 100
61 13.7 10.6 15.8
70 10.3 7.9 11.9



#38
Carbon Tetrachloride
Concen: 18.372 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VN060763.D
Acq: 30 Mar 2020 12:25

Tgt Ion: 117 Resp: 52201
Ion Ratio Lower Upper
117 100
119 94.7 76.2 114.2
121 30.2 23.7 35.5

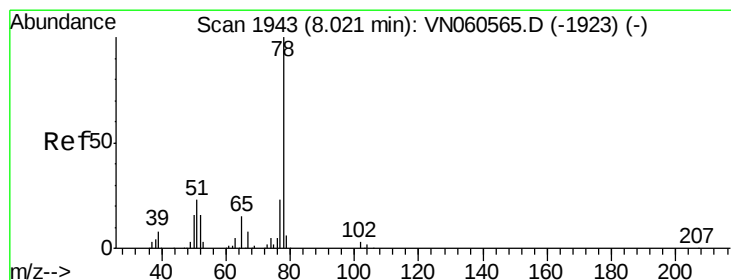
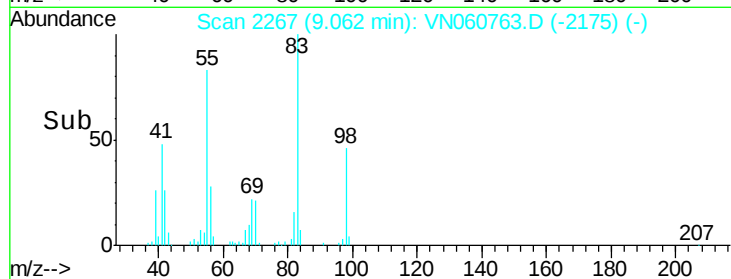
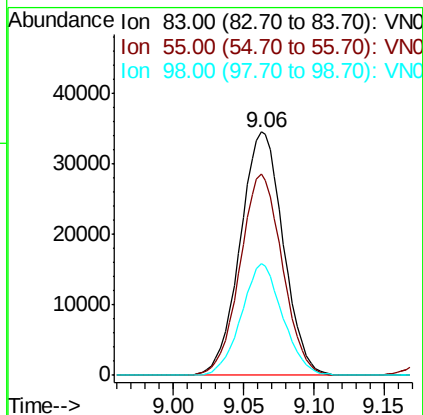
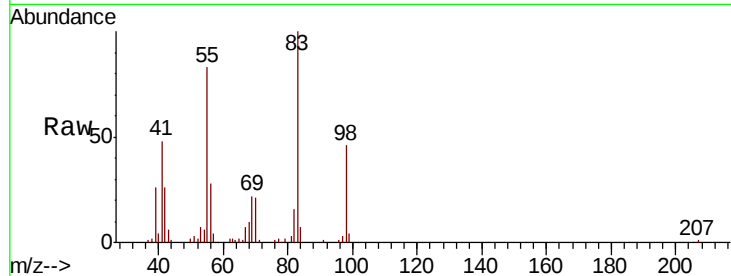




#39
Methvlcvclohexane
Concen: 19.547 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN060763.D
Acq: 30 Mar 2020 12:25

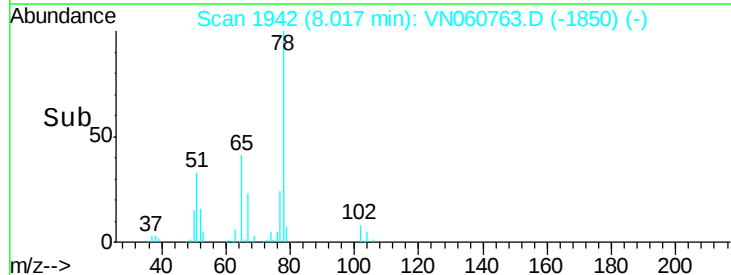
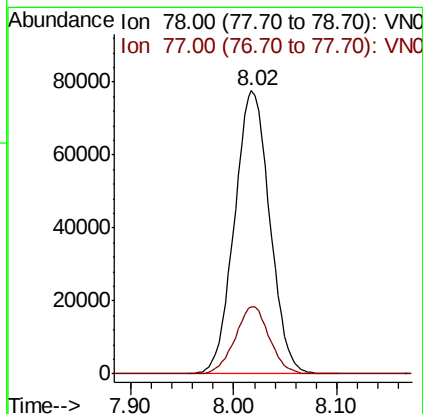
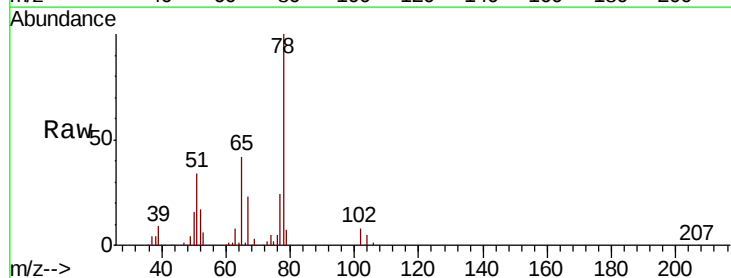
Instrument :
MSVOA_N
ClientSampled :

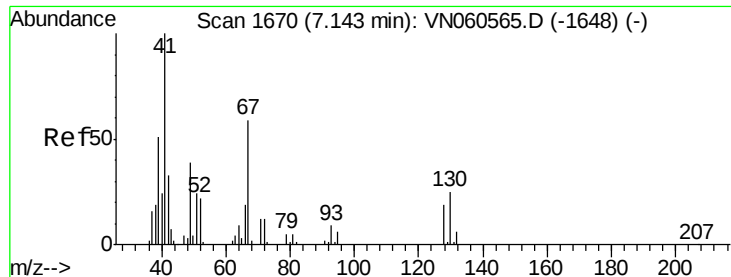
Tot Ion: 83 Resp: 73642
Ion Ratio Lower Upper
83 100
55 82.9 63.6 95.4
98 45.7 36.0 54.0



#40
Benzene
Concen: 19.292 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN060763.D
Acq: 30 Mar 2020 12:25

Tgt Ion: 78 Resp: 184624
Ion Ratio Lower Upper
78 100
77 23.9 18.6 28.0

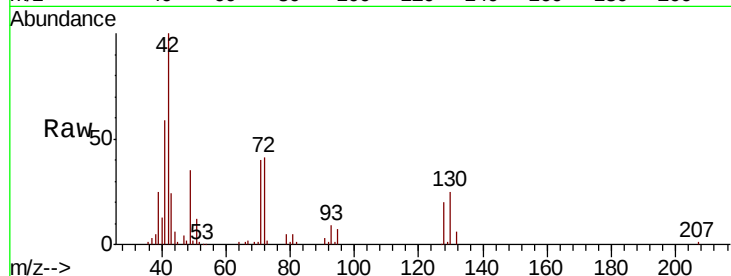




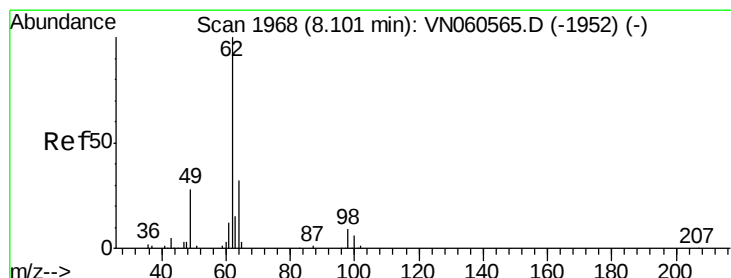
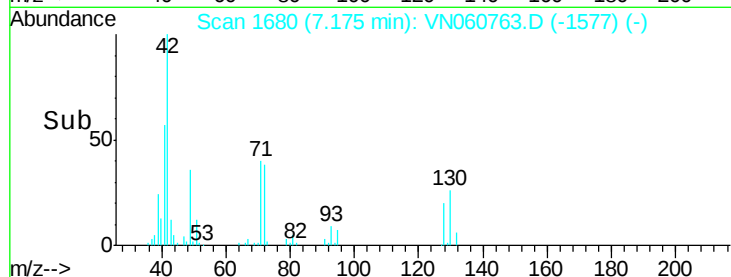
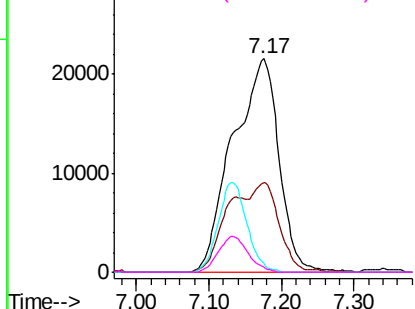
#41
Methacrylonitrile
Concen: 65.124 ug/l
RT: 7.17 min Scan# 1680
Delta R.T. 0.03 min
Lab File: VN060763.D
Acq: 30 Mar 2020 12:25

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:	41	Resp:	95205
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

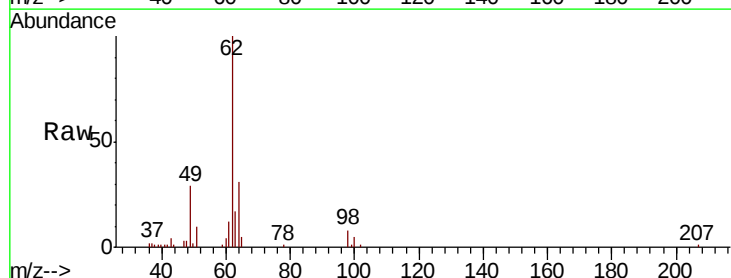


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

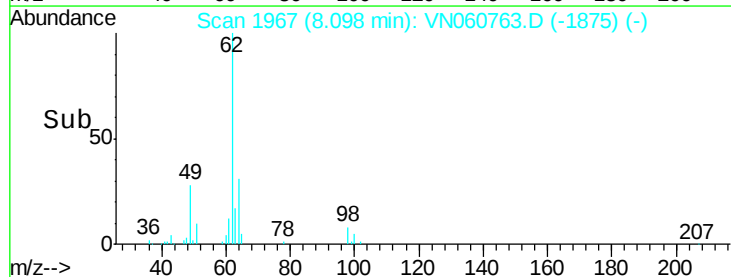
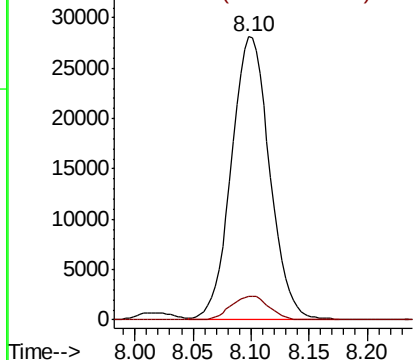


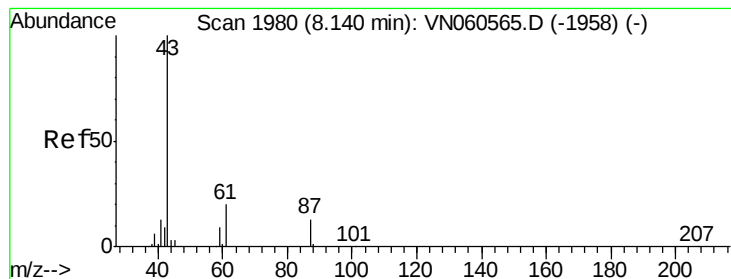
#42
1,2-Dichloroethane
Concen: 19.750 ug/l
RT: 8.10 min Scan# 1967
Delta R.T. -0.00 min
Lab File: VN060763.D
Acq: 30 Mar 2020 12:25

Tgt Ion:	62	Resp:	64593
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	17.8



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





#43

Isopropyl Acetate

Concen: 19.534 ug/l

RT: 8.14 min Scan# 1979

Delta R.T. -0.00 min

Lab File: VN060763.D

Acq: 30 Mar 2020 12:25

Instrument :

MSVOA_N

ClientSampleId :

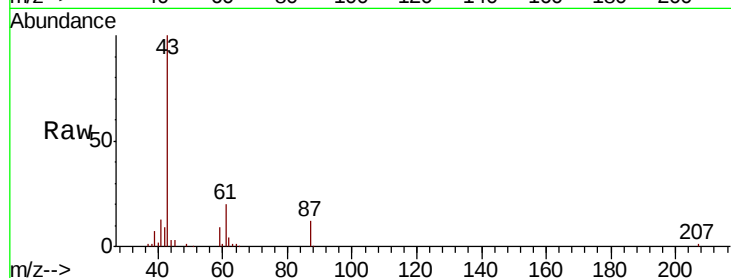
Tot Ion: 43 Resp: 110355

Ion Ratio Lower Upper

43 100

61 25.4 20.7 31.1

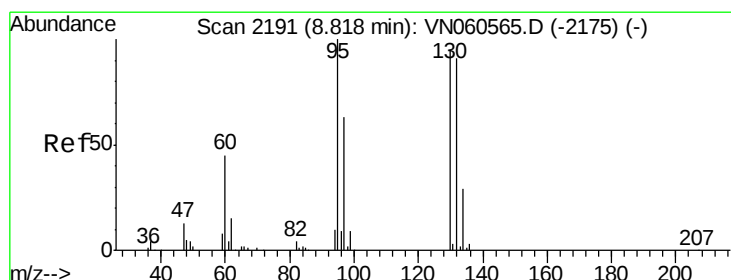
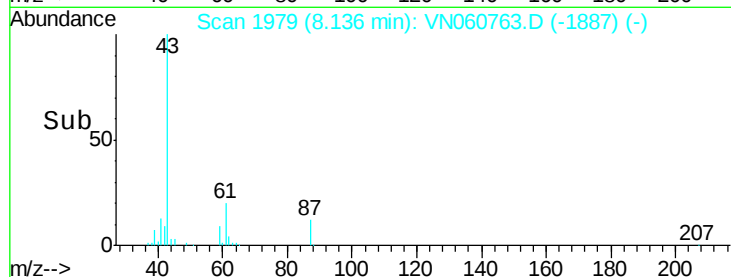
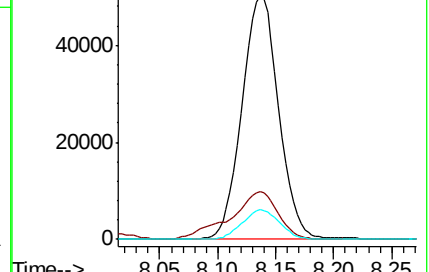
87 12.2 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VN060763.D (-1958) (-)

Ion 61.00 (60.70 to 61.70): VN060763.D (-1958) (-)

Ion 87.00 (86.70 to 87.70): VN060763.D (-1958) (-)



#44

Trichloroethene

Concen: 19.345 ug/l

RT: 8.81 min Scan# 2190

Delta R.T. -0.00 min

Lab File: VN060763.D

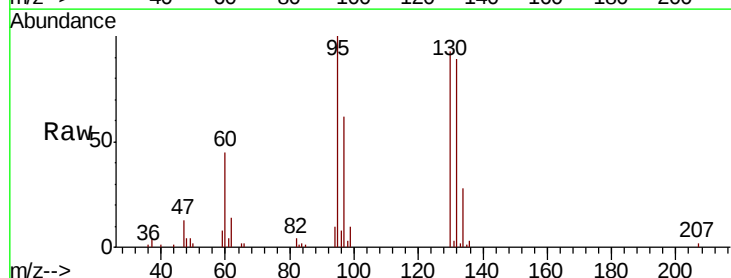
Acq: 30 Mar 2020 12:25

Tgt Ion:130 Resp: 46669

Ion Ratio Lower Upper

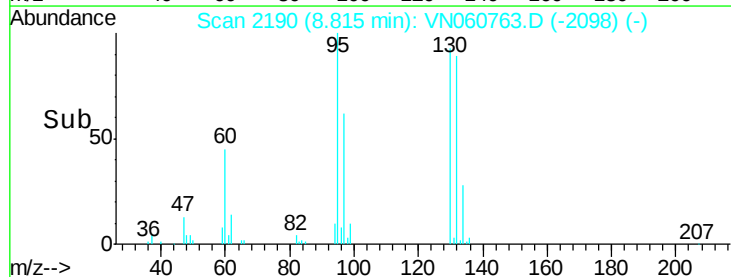
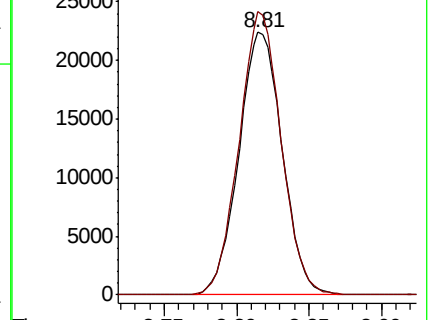
130 100

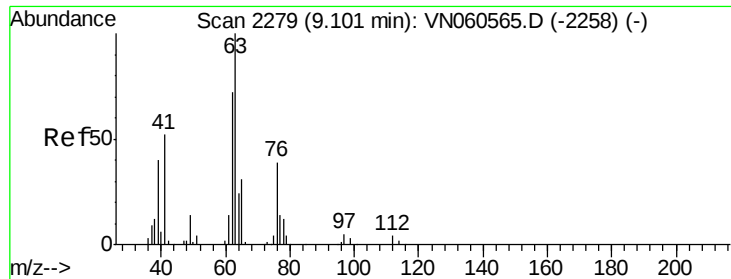
95 107.9 0.0 211.2



Abundance Ion 129.80 (129.50 to 130.50): VN060763.D (-2098) (-)

Ion 94.90 (94.60 to 95.60): VN060763.D (-2098) (-)

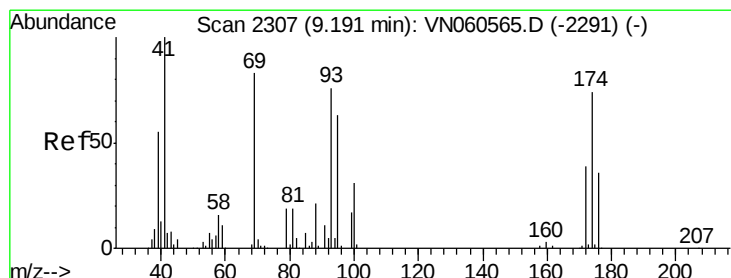
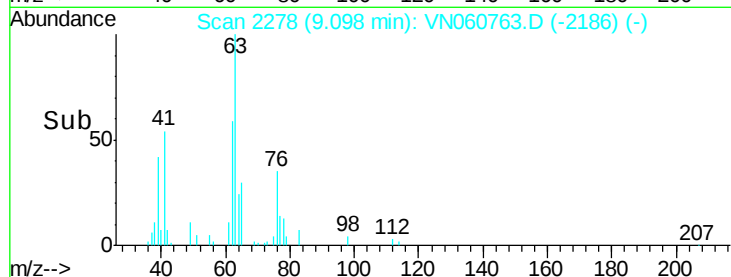
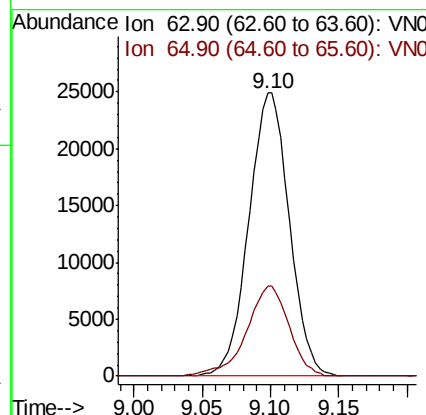
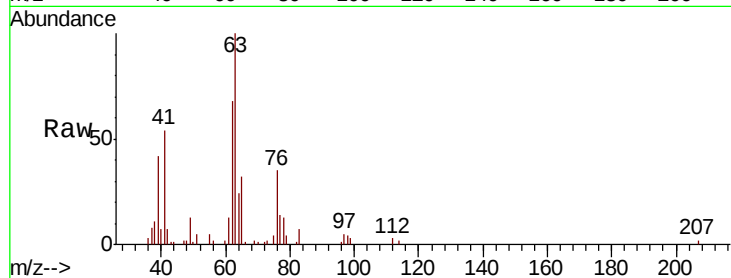




#45
 1,2-Dichloropropane
 Concen: 20.300 ug/l
 RT: 9.10 min Scan# 2278
 Delta R.T. -0.00 min
 Lab File: VN060763.D
 Acq: 30 Mar 2020 12:25

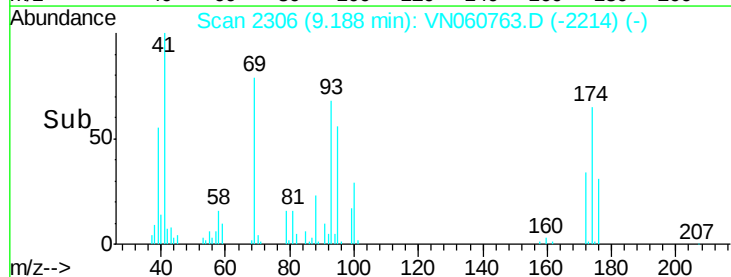
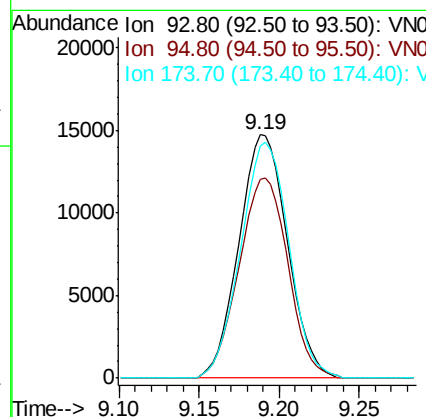
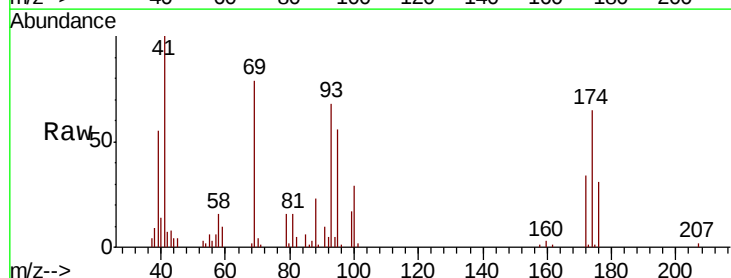
Instrument :
 MSVOA_N
 ClientSampled :

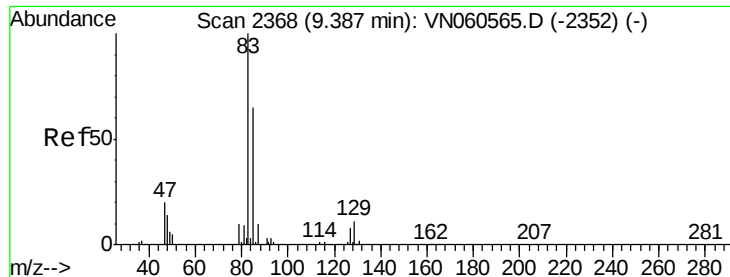
Tot Ion: 63 Resp: 51261
 Ion Ratio Lower Upper
 63 100
 65 31.8 25.4 38.0



#46
 Dibromomethane
 Concen: 20.048 ug/l
 RT: 9.19 min Scan# 2306
 Delta R.T. -0.00 min
 Lab File: VN060763.D
 Acq: 30 Mar 2020 12:25

Tgt Ion: 93 Resp: 30606
 Ion Ratio Lower Upper
 93 100
 95 83.1 66.2 99.4
 174 96.5 77.9 116.9





#47

Bromodichloromethane

Concen: 19.295 ug/l

RT: 9.38 min Scan# 2367

Delta R.T. -0.00 min

Lab File: VN060763.D

Acq: 30 Mar 2020 12:25

Instrument :

MSVOA_N

ClientSampled :

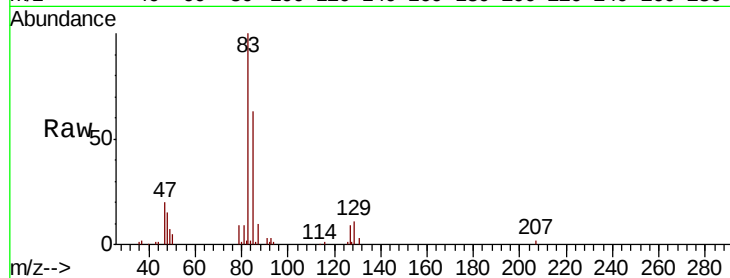
Tot Ion: 83 Resp: 61210

Ion Ratio Lower Upper

83 100

85 62.6 51.8 77.6

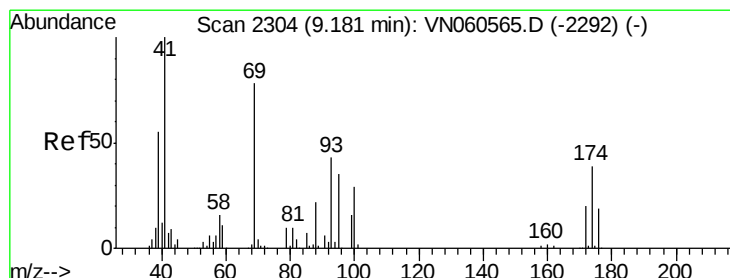
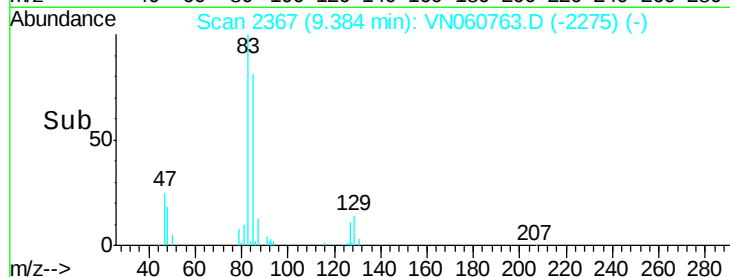
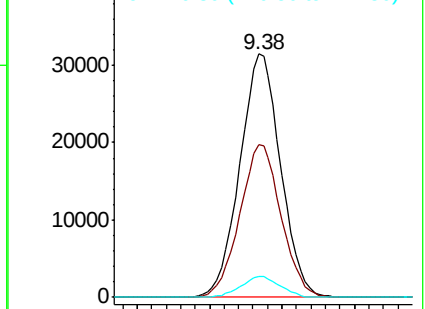
127 8.6 6.5 9.7



Abundance Ion 82.90 (82.60 to 83.60): VN060763.D (-2275) (-)

Ion 84.90 (84.60 to 85.60): VN060763.D (-2275) (-)

Ion 126.80 (126.50 to 127.50): VN060763.D (-2275) (-)



#48

Methyl methacrylate

Concen: 18.854 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. -0.00 min

Lab File: VN060763.D

Acq: 30 Mar 2020 12:25

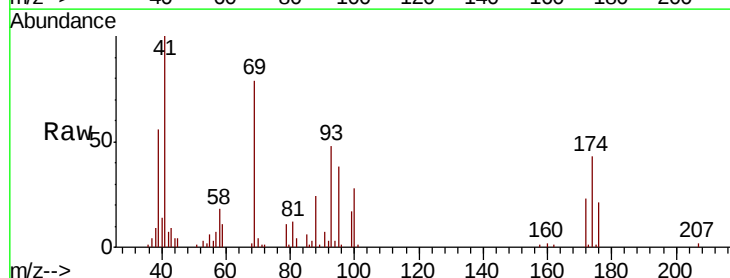
Tgt Ion: 41 Resp: 47421

Ion Ratio Lower Upper

41 100

69 81.3 65.4 98.0

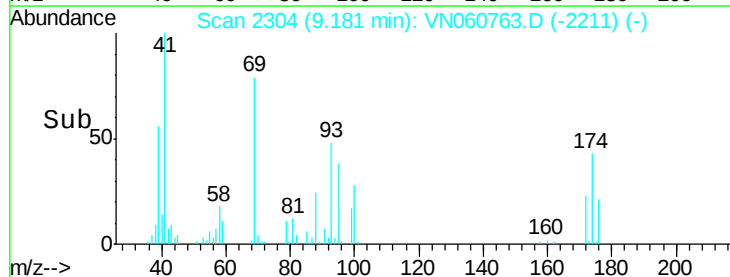
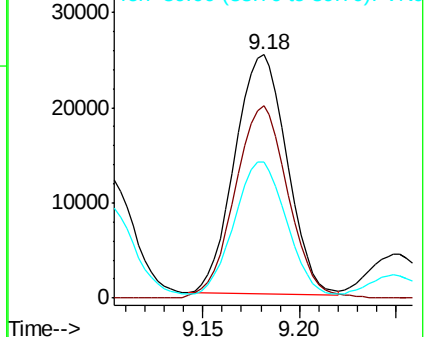
39 55.1 44.0 66.0

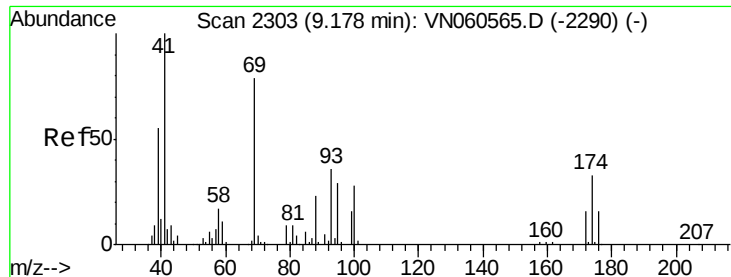


Abundance Ion 41.00 (40.70 to 41.70): VN060763.D (-2211) (-)

Ion 69.00 (68.70 to 69.70): VN060763.D (-2211) (-)

Ion 39.00 (38.70 to 39.70): VN060763.D (-2211) (-)

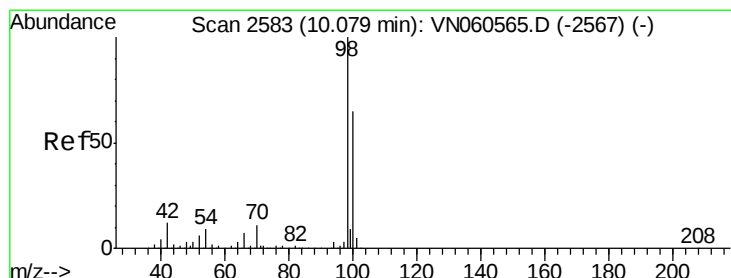
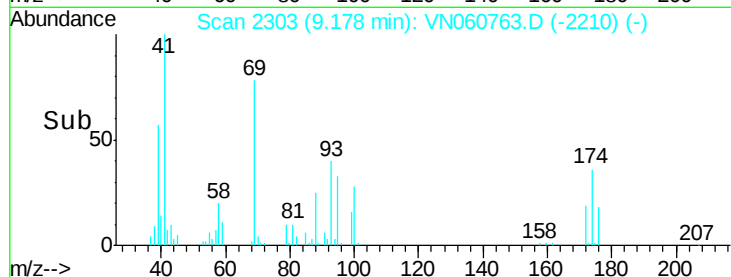
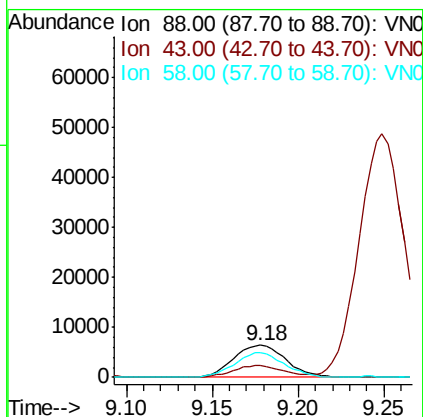
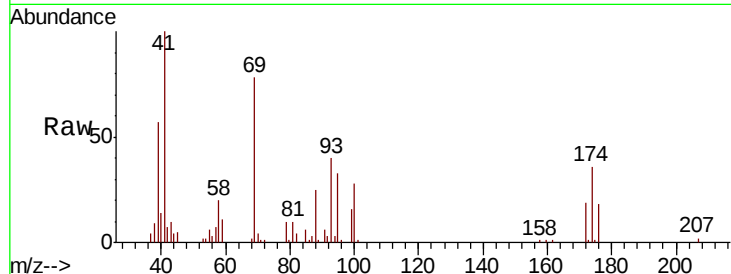




#49
1,4-Dioxane
Concen: 450.692 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.00 min
Lab File: VN060763.D
Acq: 30 Mar 2020 12:25

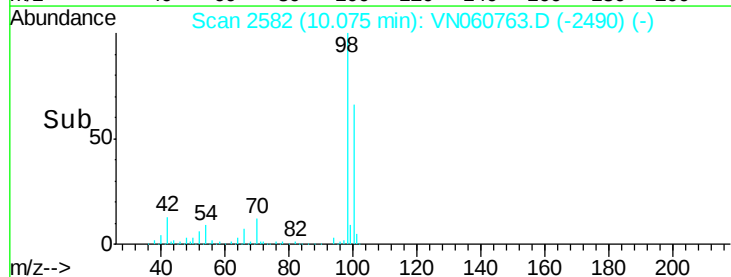
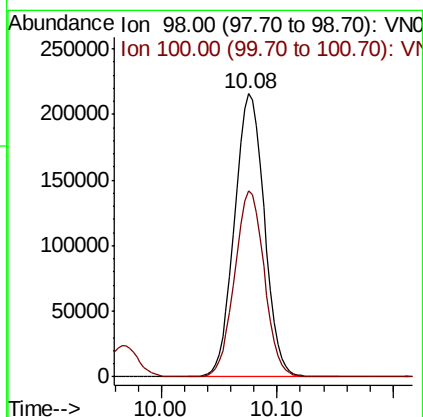
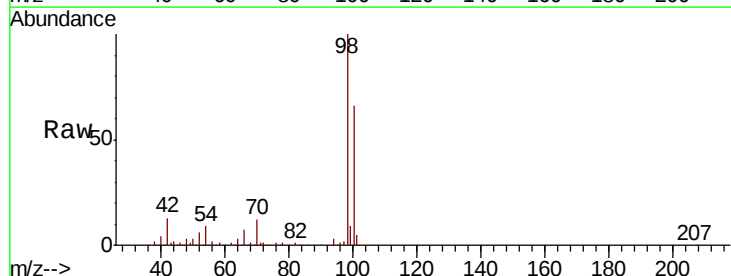
Instrument :
MSVOA_N
ClientSampleId :

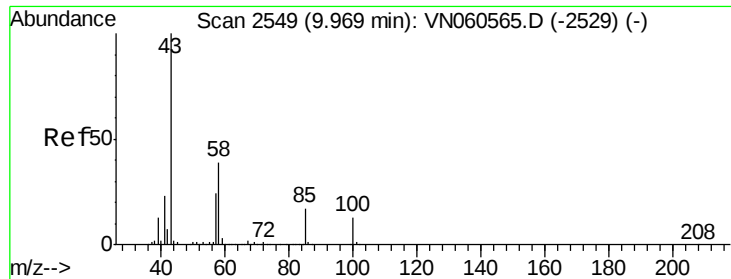
Tot Ion: 88 Resp: 13474
Ion Ratio Lower Upper
88 100
43 36.6 30.8 46.2
58 73.0 59.8 89.8



#50
Toluene-d8
Concen: 47.710 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN060763.D
Acq: 30 Mar 2020 12:25

Tgt Ion: 98 Resp: 385789
Ion Ratio Lower Upper
98 100
100 65.2 51.8 77.8





#51

4-Methyl-2-Pentanone

Concen: 100.164 ug/l

RT: 9.97 min Scan# 2548

Delta R.T. -0.00 min

Lab File: VN060763.D

Acq: 30 Mar 2020 12:25

Instrument :

MSVOA_N

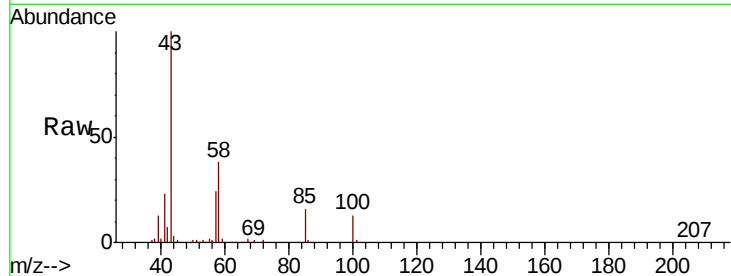
ClientSampled :

Tot Ion: 43 Resp: 321995

Ion Ratio Lower Upper

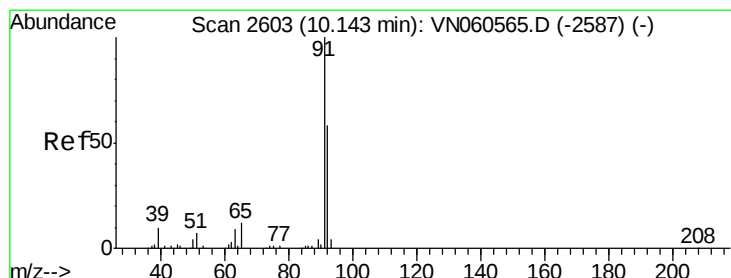
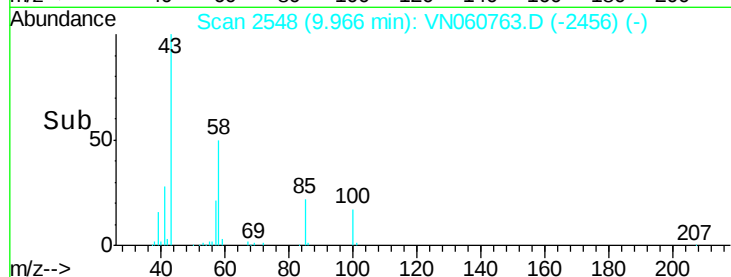
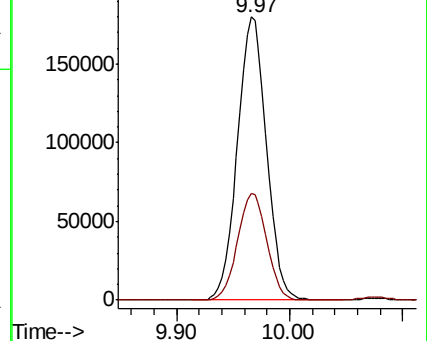
43 100

58 37.9 30.8 46.2



Abundance Ion 43.00 (42.70 to 43.70): VN060763.D (-2548) (-)

Ion 58.00 (57.70 to 58.70): VN060763.D (-2548) (-)



#52

Toluene

Concen: 19.215 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. -0.00 min

Lab File: VN060763.D

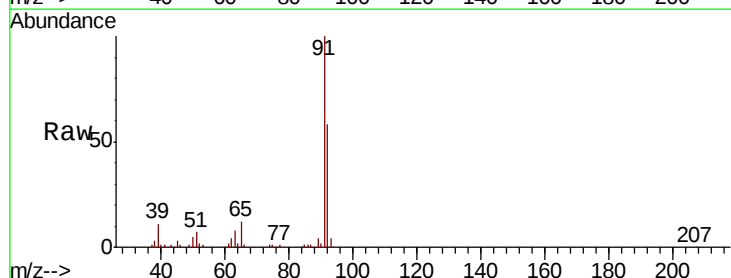
Acq: 30 Mar 2020 12:25

Tgt Ion: 92 Resp: 111054

Ion Ratio Lower Upper

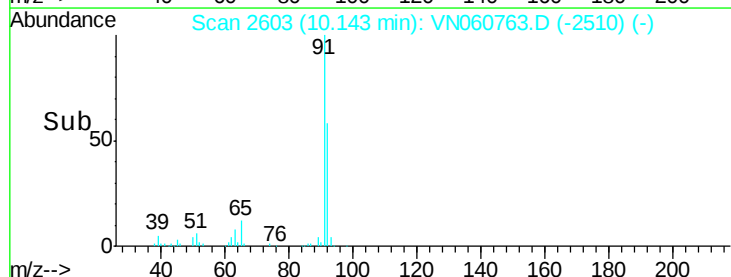
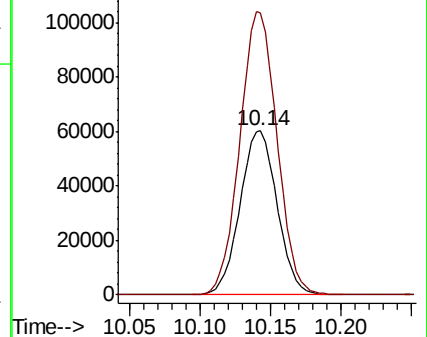
92 100

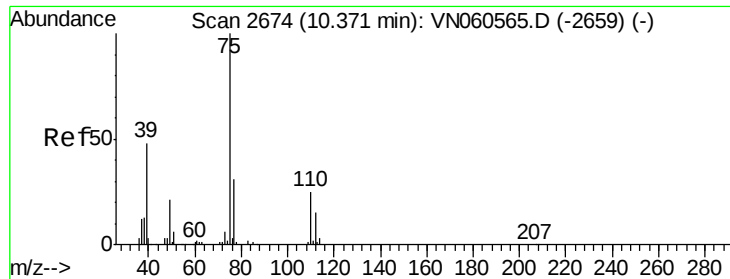
91 172.6 137.6 206.4



Abundance Ion 92.00 (91.70 to 92.70): VN060763.D (-2603) (-)

Ion 91.00 (90.70 to 91.70): VN060763.D (-2603) (-)





#53

t-1,3-Dichloropropene

Concen: 20.145 ug/l

RT: 10.37 min Scan# 2673

Delta R.T. -0.00 min

Lab File: VN060763.D

Acq: 30 Mar 2020 12:25

Instrument :

MSVOA_N

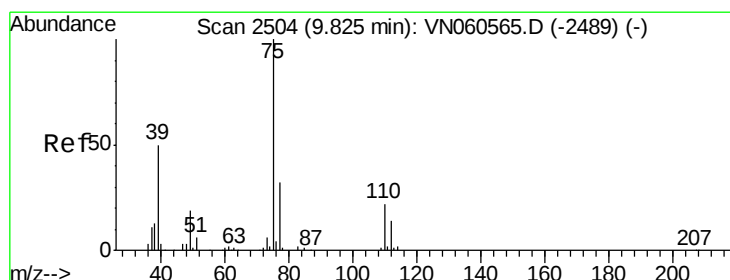
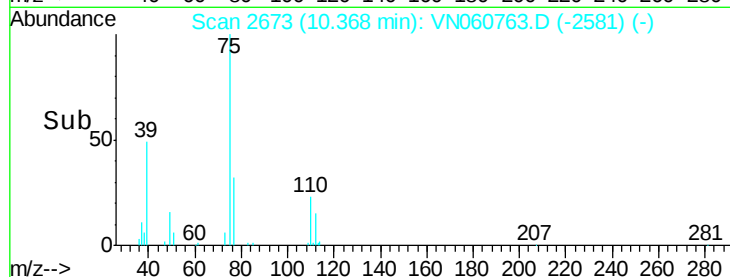
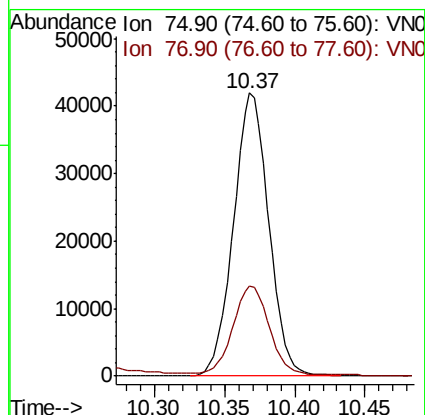
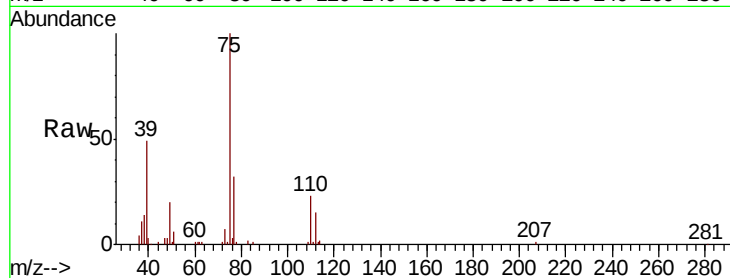
ClientSampled :

Tot Ion: 75 Resp: 73411

Ion Ratio Lower Upper

75 100

77 31.4 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 19.785 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. -0.00 min

Lab File: VN060763.D

Acq: 30 Mar 2020 12:25

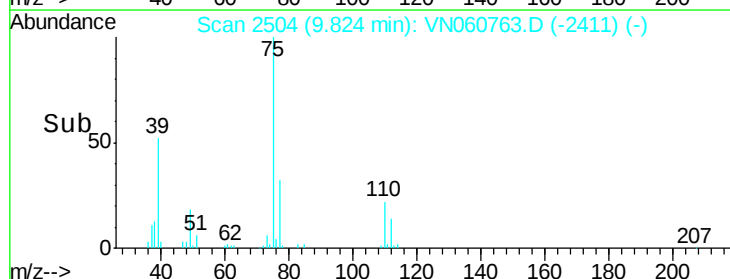
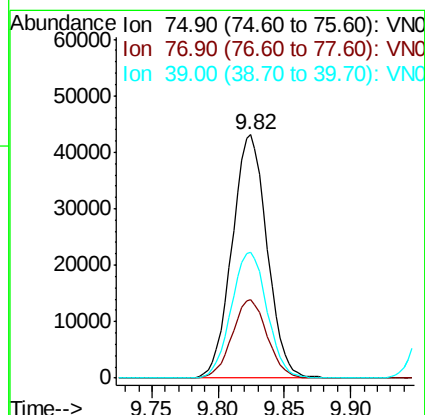
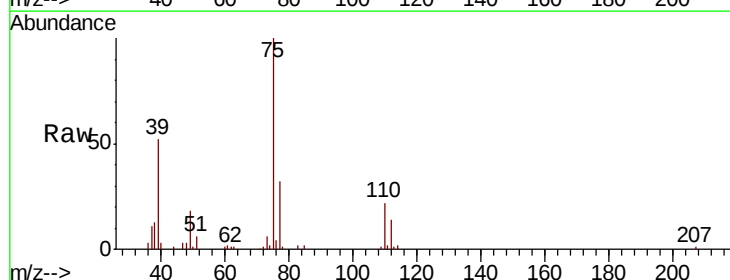
Tgt Ion: 75 Resp: 79094

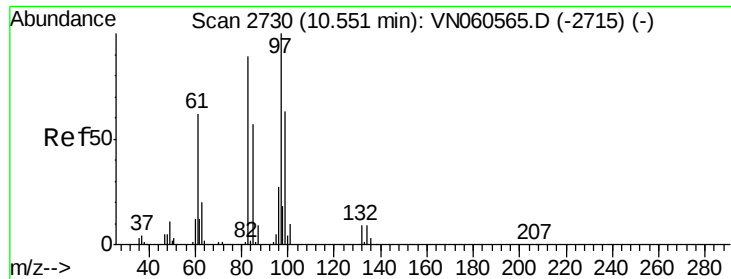
Ion Ratio Lower Upper

75 100

77 32.2 25.4 38.0

39 51.6 40.2 60.4





#55

1,1,2-Trichloroethane

Concen: 19.844 ug/l

RT: 10.55 min Scan# 2730

Delta R.T. -0.00 min

Lab File: VN060763.D

Acq: 30 Mar 2020 12:25

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 97 Resp: 44124

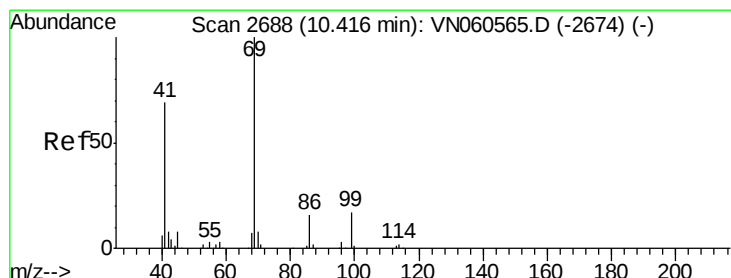
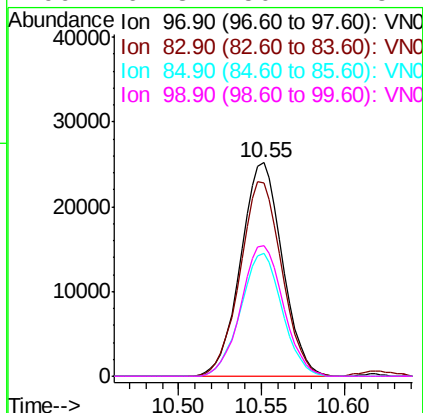
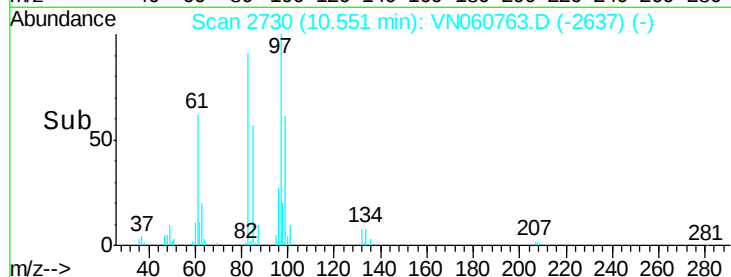
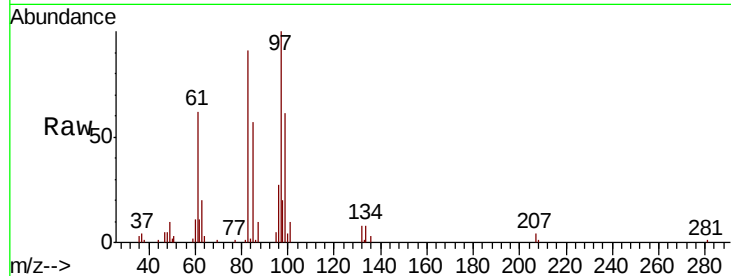
Ion	Ratio	Lower	Upper
97	100		
83	90.8	71.3	106.9
85	57.3	45.2	67.8
99	61.3	50.1	75.1

97 100

83 90.8 71.3 106.9

85 57.3 45.2 67.8

99 61.3 50.1 75.1



#56

Ethyl methacrylate

Concen: 19.322 ug/l

RT: 10.42 min Scan# 2688

Delta R.T. -0.00 min

Lab File: VN060763.D

Acq: 30 Mar 2020 12:25

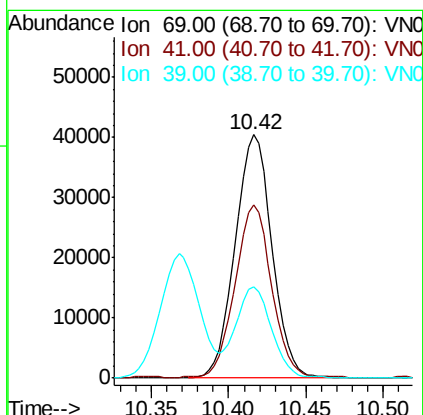
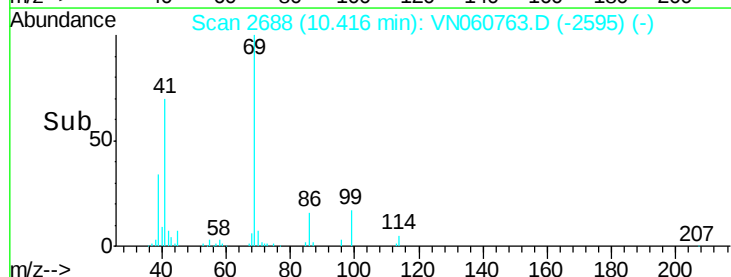
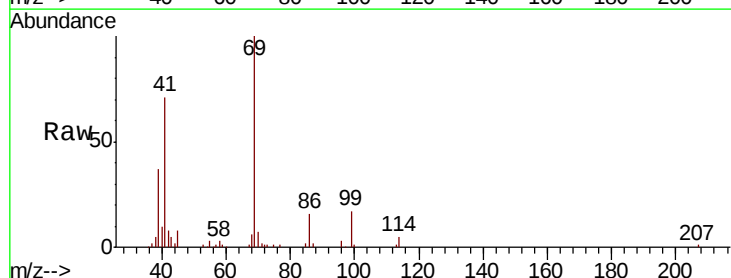
Tgt Ion: 69 Resp: 66990

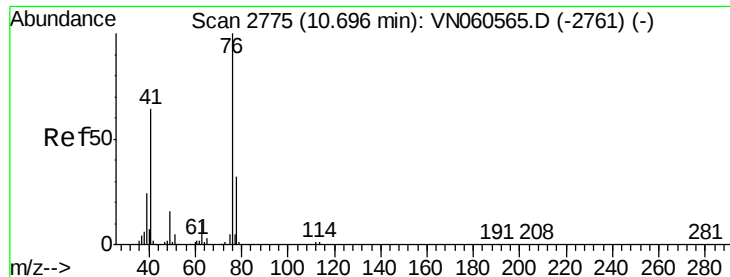
Ion	Ratio	Lower	Upper
69	100		
41	71.3	55.4	83.2
39	37.1	29.4	44.0

69 100

41 71.3 55.4 83.2

39 37.1 29.4 44.0





#57

1,3-Dichloropropane

Concen: 19.849 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. -0.00 min

Lab File: VN060763.D

Acq: 30 Mar 2020 12:25

Instrument :

MSVOA_N

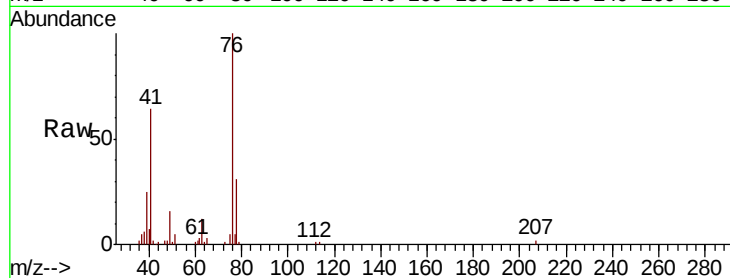
ClientSampleId :

Tot Ion: 76 Resp: 76586

Ion Ratio Lower Upper

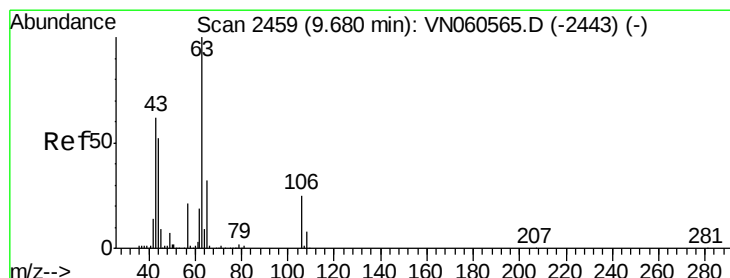
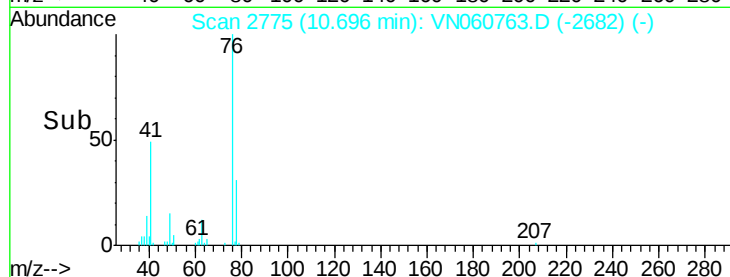
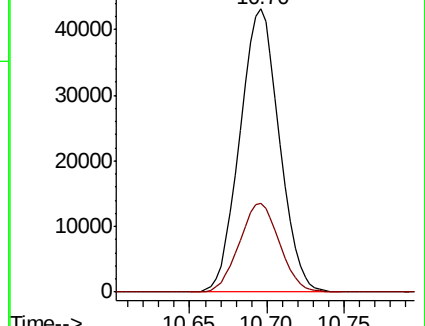
76 100

78 31.9 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VN060763.D (-2682) (-)

Ion 77.90 (77.60 to 78.60): VN060763.D (-2682) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 90.170 ug/l

RT: 9.68 min Scan# 2458

Delta R.T. -0.00 min

Lab File: VN060763.D

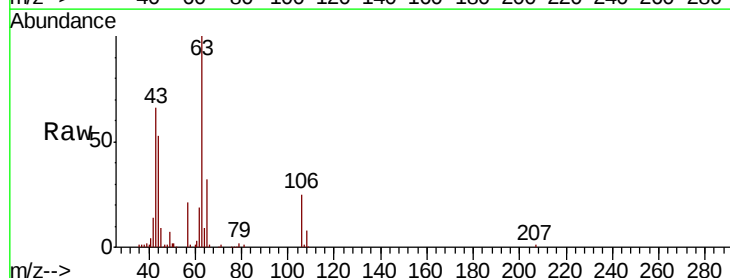
Acq: 30 Mar 2020 12:25

Tgt Ion: 63 Resp: 155374

Ion Ratio Lower Upper

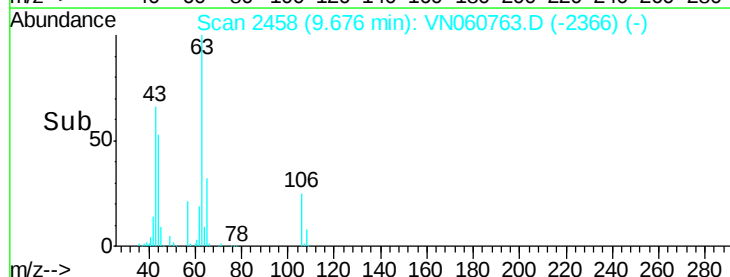
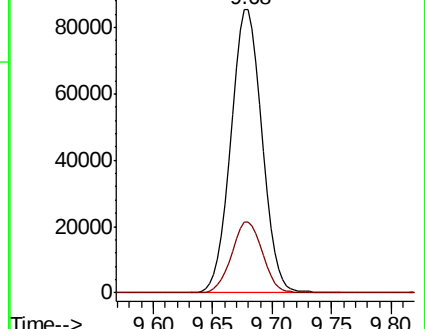
63 100

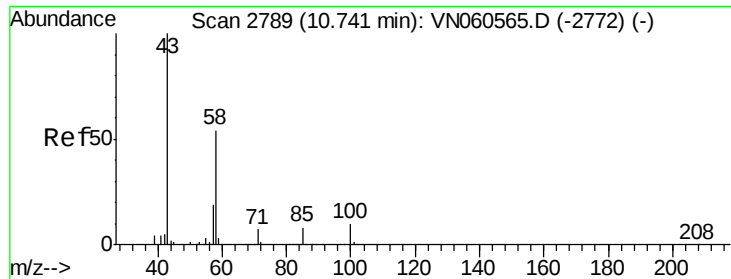
106 24.8 20.0 30.0



Abundance Ion 62.90 (62.60 to 63.60): VN060763.D (-2366) (-)

Ion 105.90 (105.60 to 106.60): VN060763.D (-2366) (-)





#59

2-Hexanone

Concen: 99.978 ug/l

RT: 10.74 min Scan# 2788

Delta R.T. -0.00 min

Lab File: VN060763.D

Acq: 30 Mar 2020 12:25

Instrument :

MSVOA_N

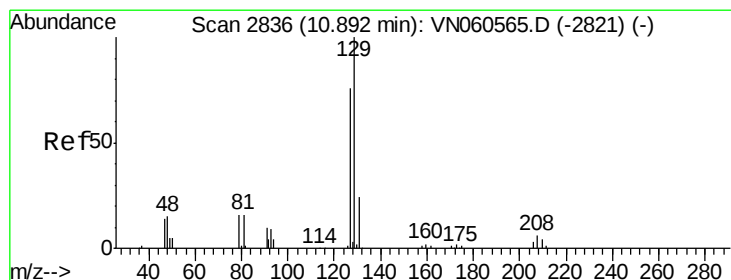
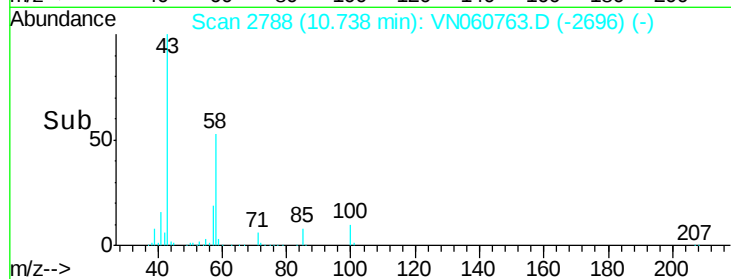
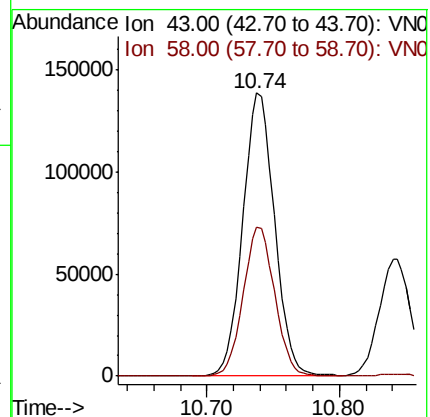
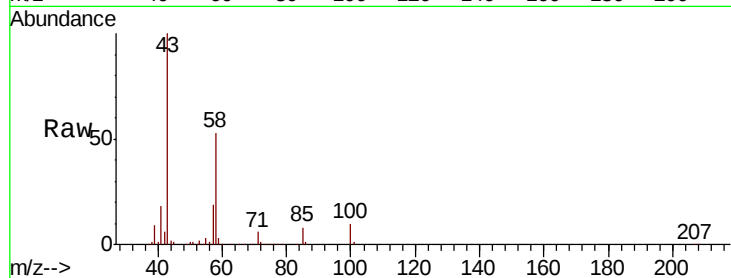
ClientSampleId :

Tot Ion: 43 Resp: 231520

Ion Ratio Lower Upper

43 100

58 52.3 26.7 80.1



#60

Dibromochloromethane

Concen: 19.354 ug/l

RT: 10.89 min Scan# 2836

Delta R.T. -0.00 min

Lab File: VN060763.D

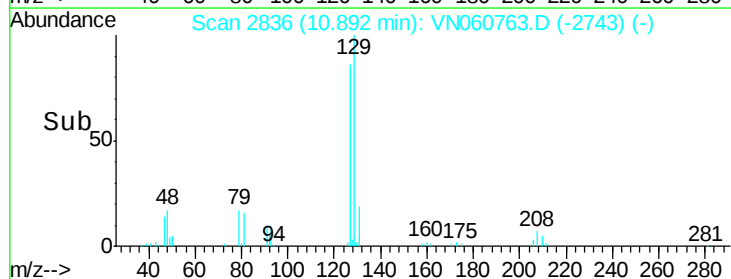
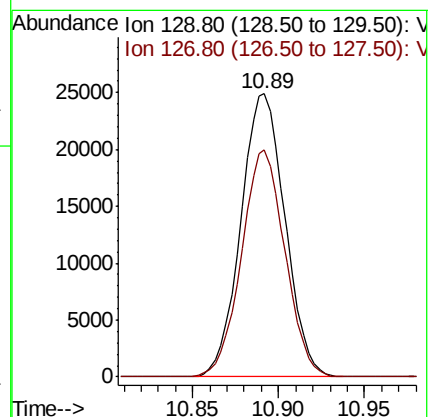
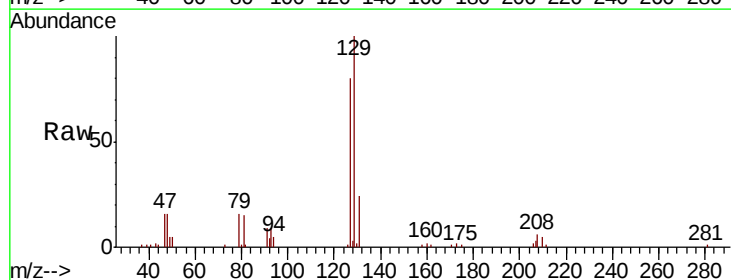
Acq: 30 Mar 2020 12:25

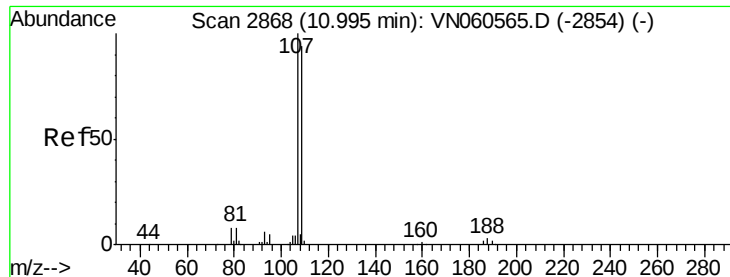
Tgt Ion: 129 Resp: 44453

Ion Ratio Lower Upper

129 100

127 78.8 38.5 115.5





#61

1,2-Dibromoethane

Concen: 19.556 ug/l

RT: 10.99 min Scan# 2868

Delta R.T. -0.00 min

Lab File: VN060763.D

Acq: 30 Mar 2020 12:25

Instrument :

MSVOA_N

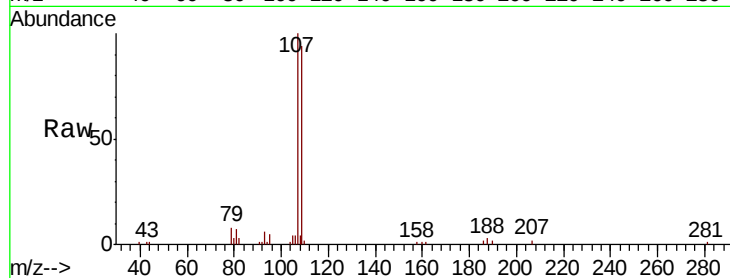
ClientSampleId :

Tot Ion:107 Resp: 43725

Ion Ratio Lower Upper

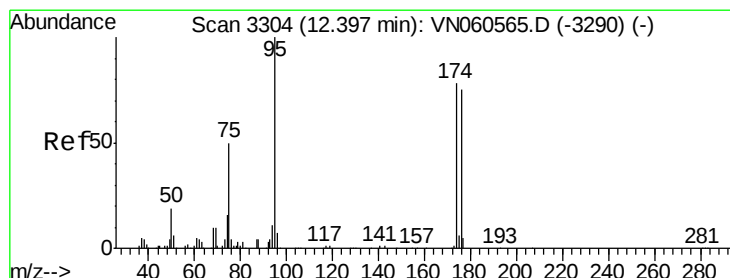
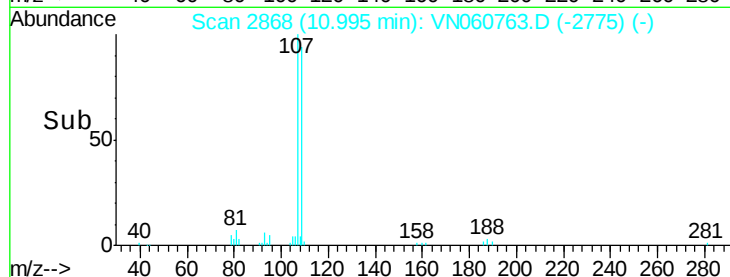
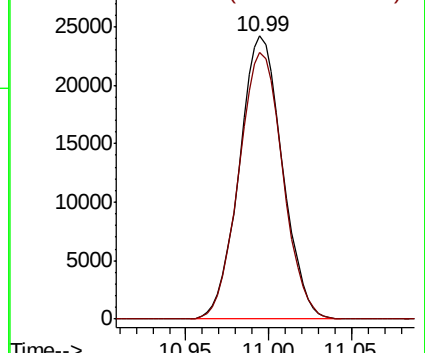
107 100

109 96.0 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.351 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060763.D

Acq: 30 Mar 2020 12:25

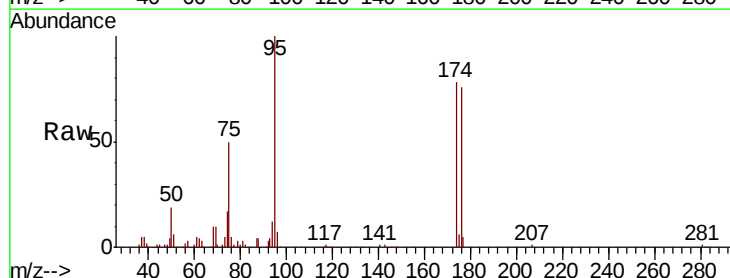
Tgt Ion: 95 Resp: 140322

Ion Ratio Lower Upper

95 100

174 77.4 0.0 157.6

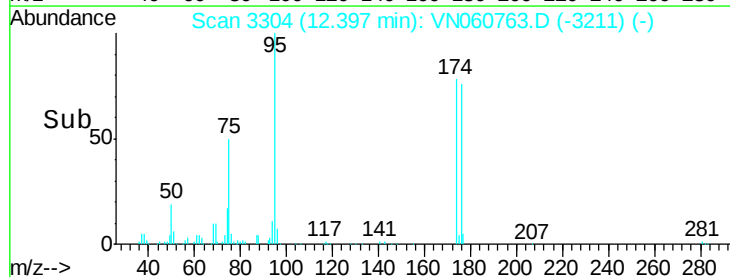
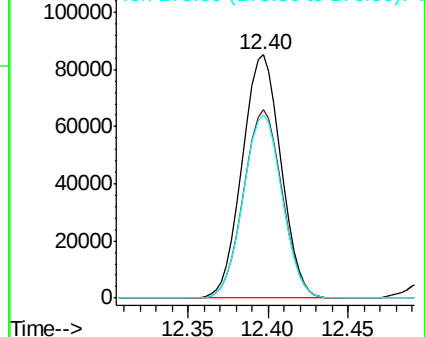
176 75.7 0.0 150.6

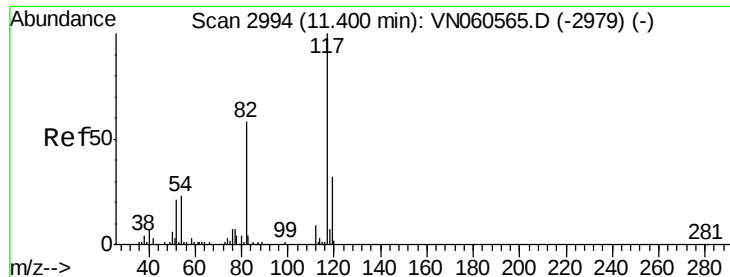


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

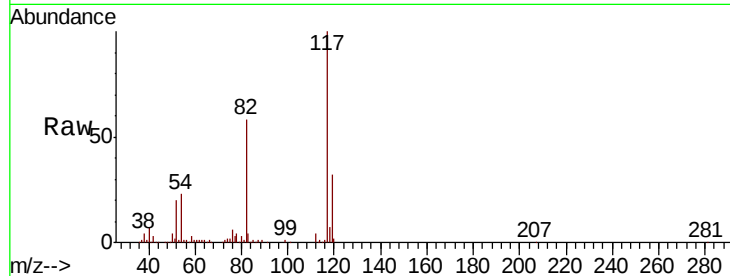




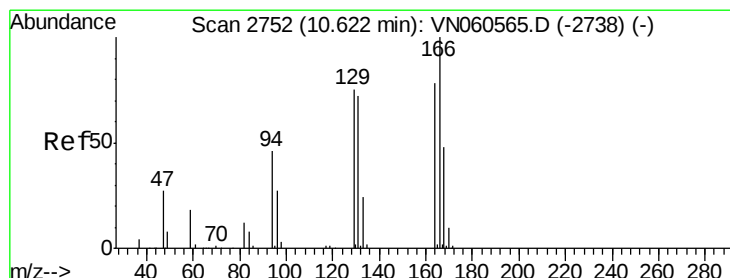
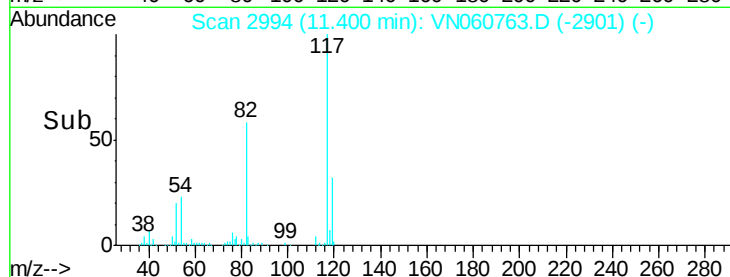
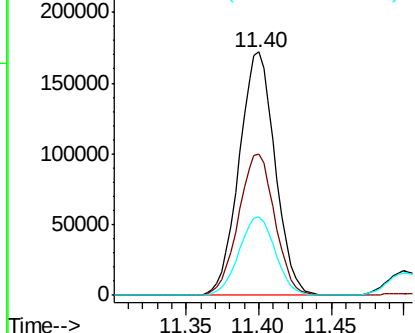
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060763.D
Acq: 30 Mar 2020 12:25

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 296148
Ion Ratio Lower Upper
117 100
82 58.3 46.7 70.1
119 32.2 25.5 38.3

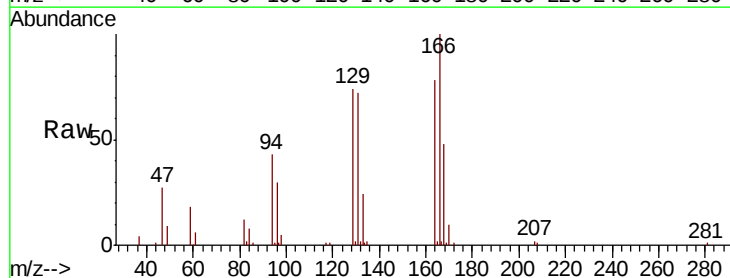


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

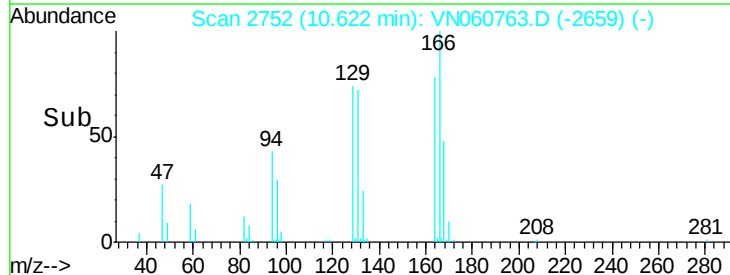
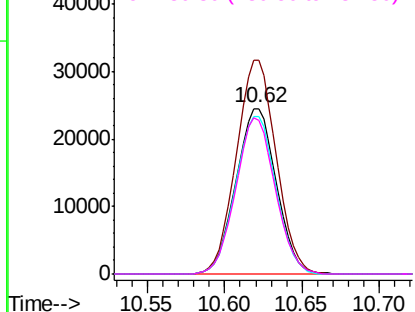


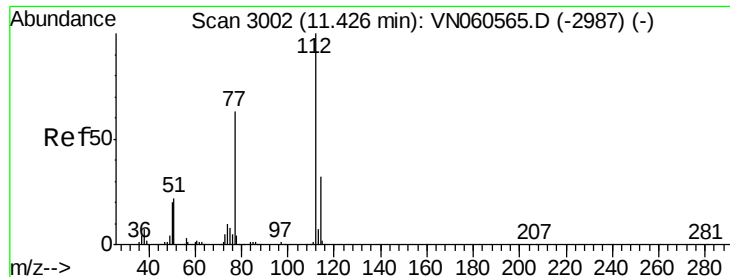
#64
Tetrachloroethene
Concen: 19.057 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. -0.00 min
Lab File: VN060763.D
Acq: 30 Mar 2020 12:25

Tgt Ion:164 Resp: 44410
Ion Ratio Lower Upper
164 100
166 129.0 102.7 154.1
129 95.0 77.2 115.8
131 92.4 73.8 110.6



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

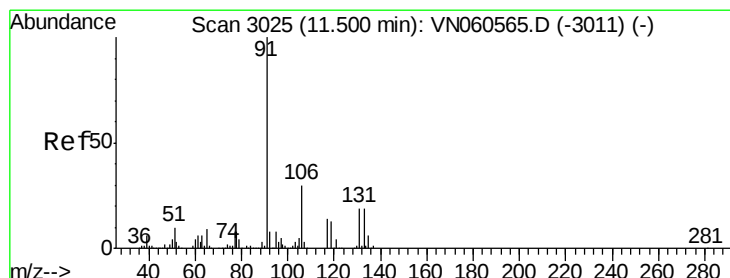
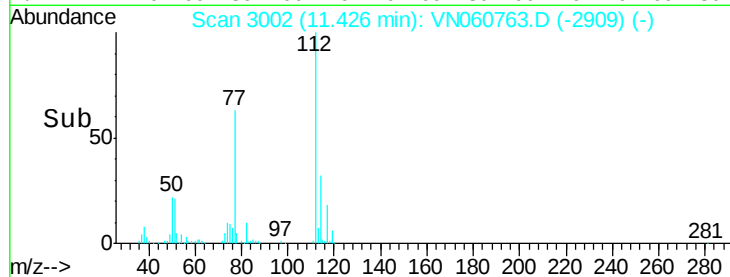
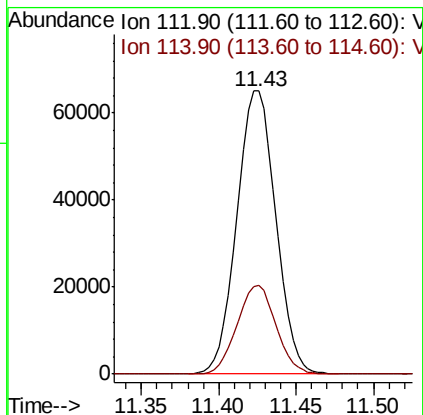
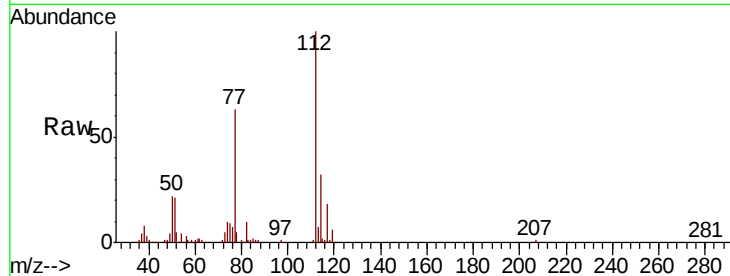




#65
Chlorobenzene
Concen: 19.434 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. -0.00 min
Lab File: VN060763.D
Acq: 30 Mar 2020 12:25

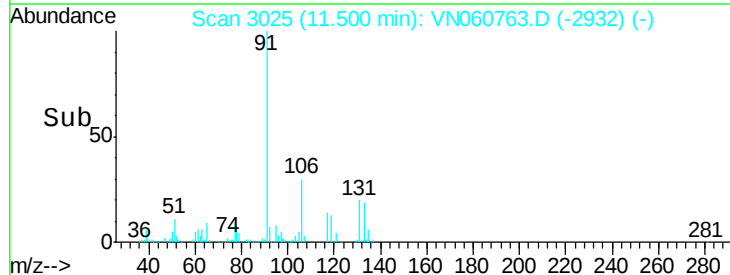
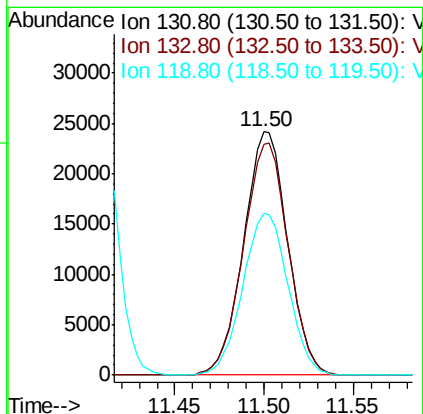
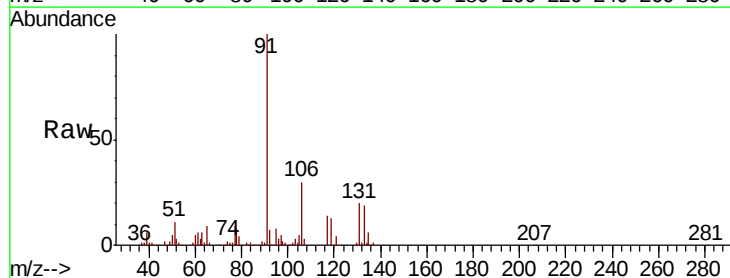
Instrument :
MSVOA_N
ClientSampleId :

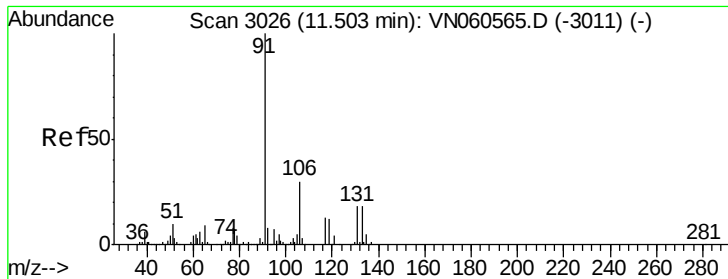
Tot Ion:112 Resp: 114094
Ion Ratio Lower Upper
112 100
114 31.5 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.577 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. -0.00 min
Lab File: VN060763.D
Acq: 30 Mar 2020 12:25

Tgt Ion:131 Resp: 41614
Ion Ratio Lower Upper
131 100
133 96.8 48.9 146.8
119 68.2 33.9 101.7

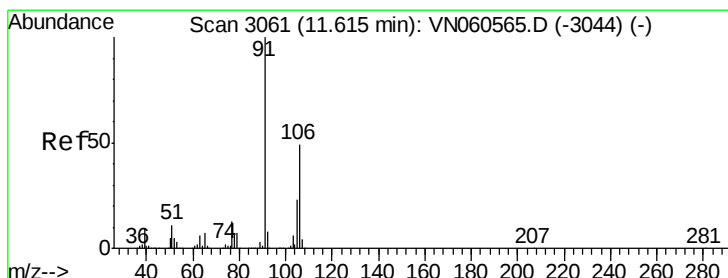
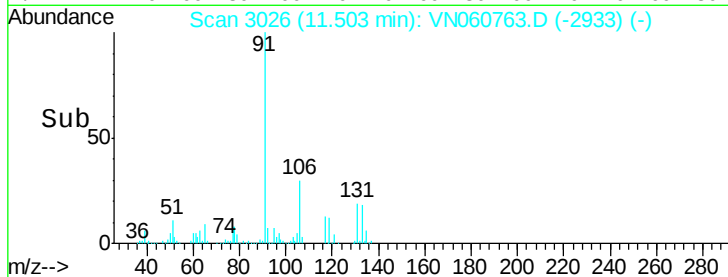
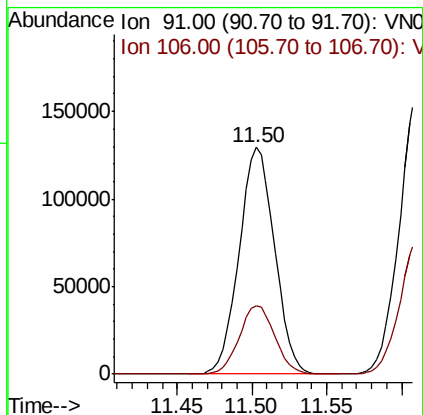
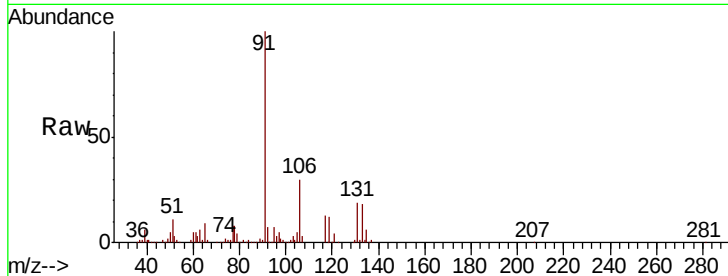




#67
Ethyl Benzene
Concen: 19.535 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. -0.00 min
Lab File: VN060763.D
Acq: 30 Mar 2020 12:25

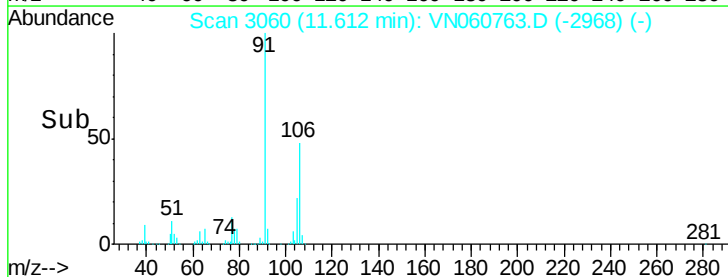
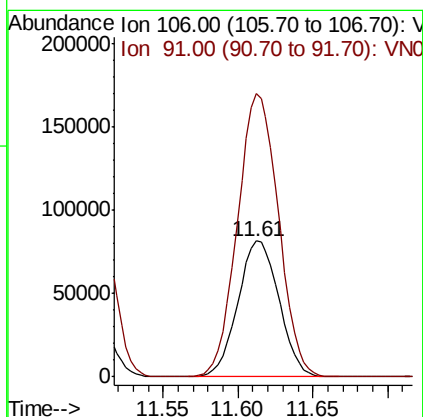
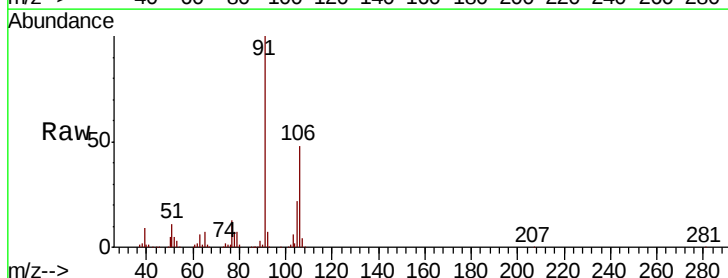
Instrument :
MSVOA_N
ClientSampleId :

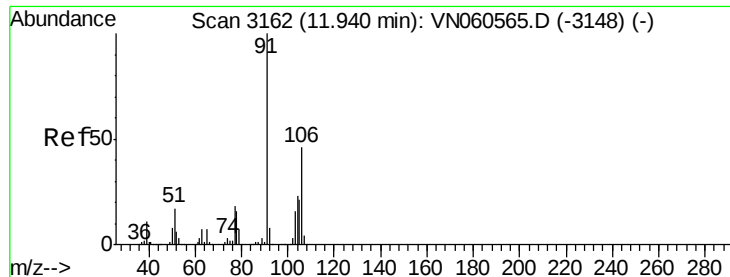
Tot Ion: 91 Resp: 213276
Ion Ratio Lower Upper
91 100
106 30.4 24.2 36.2



#68
m/p-Xylenes
Concen: 38.434 ug/l
RT: 11.61 min Scan# 3060
Delta R.T. -0.00 min
Lab File: VN060763.D
Acq: 30 Mar 2020 12:25

Tgt Ion: 106 Resp: 155931
Ion Ratio Lower Upper
106 100
91 207.5 165.0 247.4

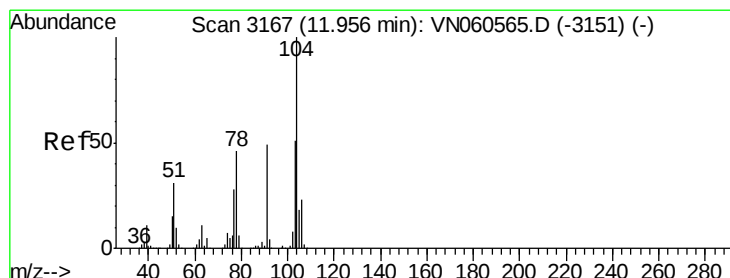
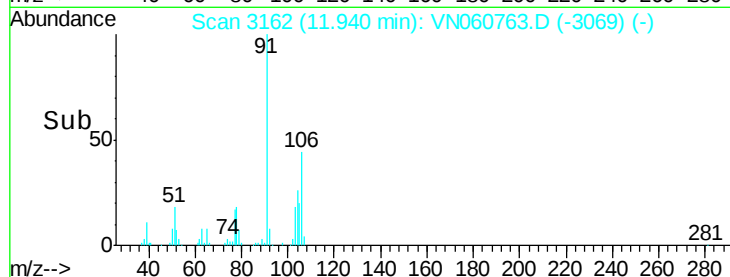
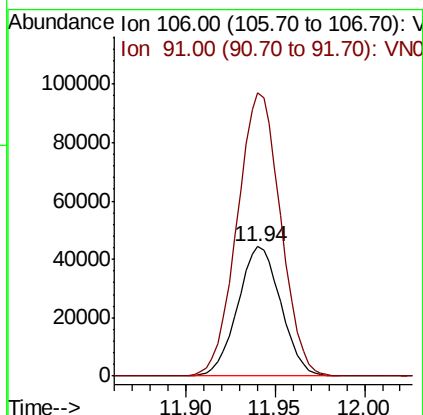
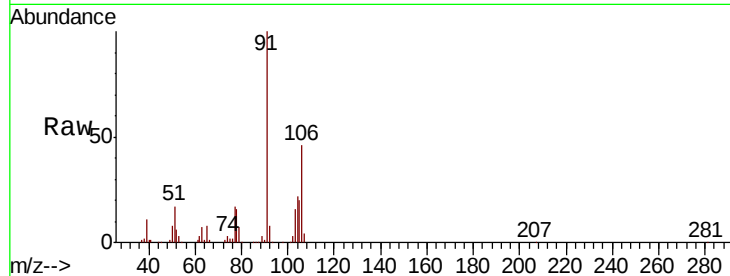




#69
o-Xylene
Concen: 19.292 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. -0.00 min
Lab File: VN060763.D
Acq: 30 Mar 2020 12:25

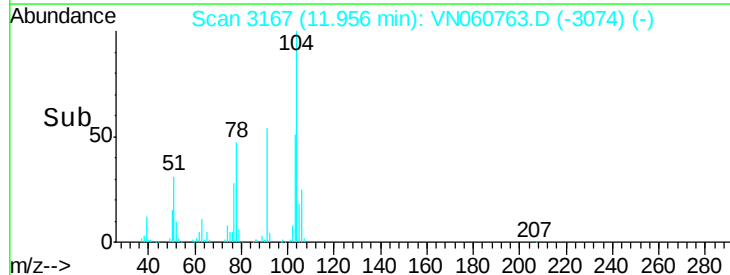
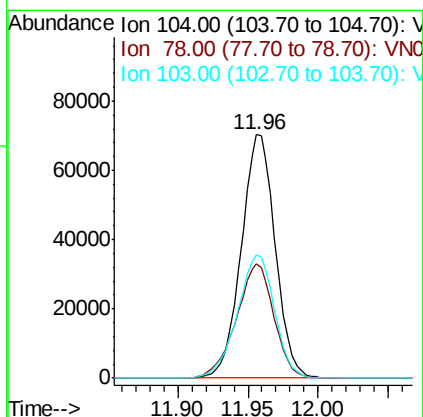
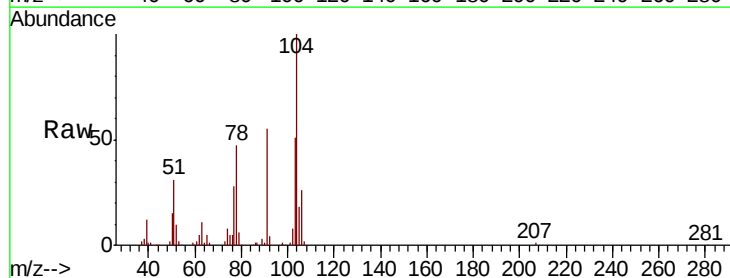
Instrument :
MSVOA_N
ClientSampleId :

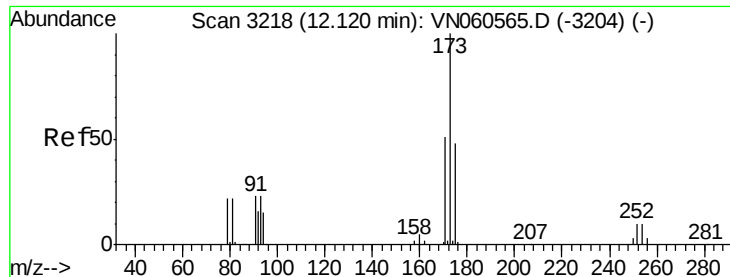
Tot Ion:106 Resp: 74717
Ion Ratio Lower Upper
106 100
91 221.0 109.5 328.4



#70
Styrene
Concen: 18.747 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. -0.00 min
Lab File: VN060763.D
Acq: 30 Mar 2020 12:25

Tgt Ion:104 Resp: 118745
Ion Ratio Lower Upper
104 100
78 51.7 41.2 61.8
103 55.3 44.0 66.0

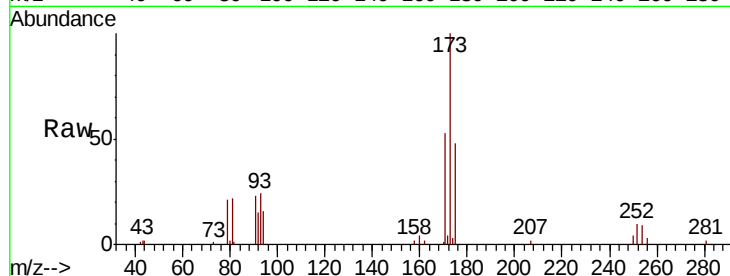




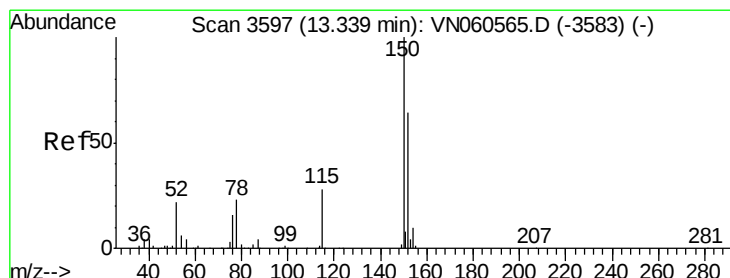
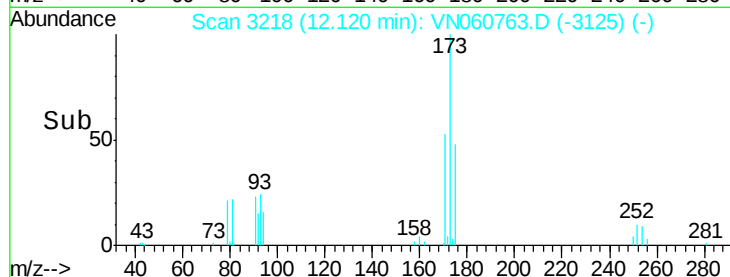
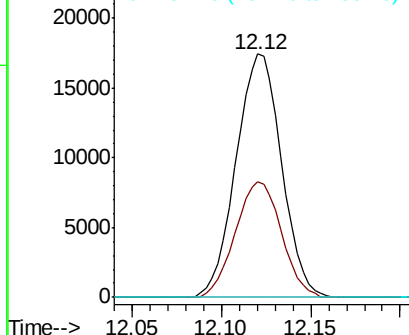
#71
Bromoform
Concen: 18.602 ug/l
RT: 12.12 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN060763.D
Acq: 30 Mar 2020 12:25

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:173 Resp: 30935
Ion Ratio Lower Upper
173 100
175 48.0 24.1 72.4
254 0.0 0.0 0.0

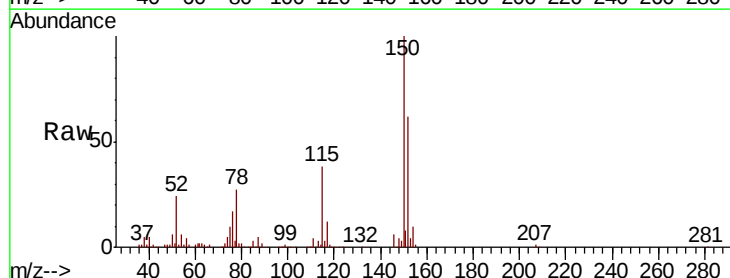


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

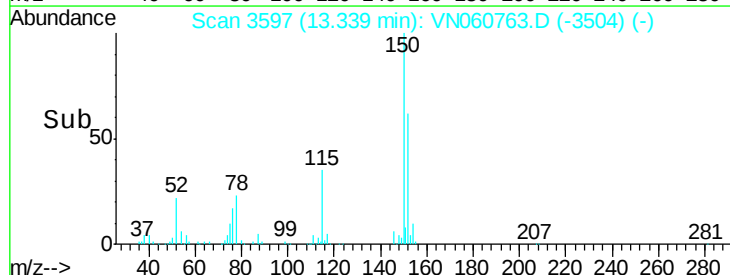
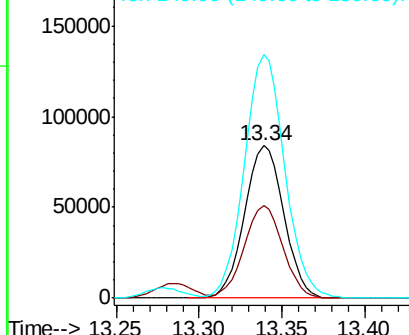


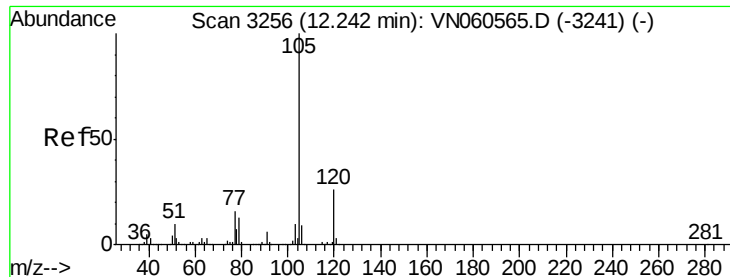
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VN060763.D
Acq: 30 Mar 2020 12:25

Tgt Ion:152 Resp: 138030
Ion Ratio Lower Upper
152 100
115 60.2 30.2 90.6
150 164.5 0.0 350.2



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: 19.283 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. -0.00 min

Lab File: VN060763.D

Acq: 30 Mar 2020 12:25

Instrument :

MSVOA_N

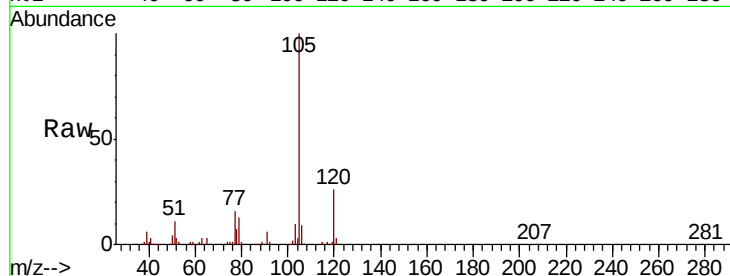
ClientSampled :

Tot Ion: 105 Resp: 199749

Ion Ratio Lower Upper

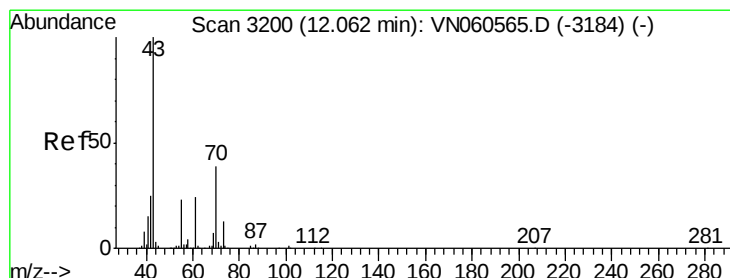
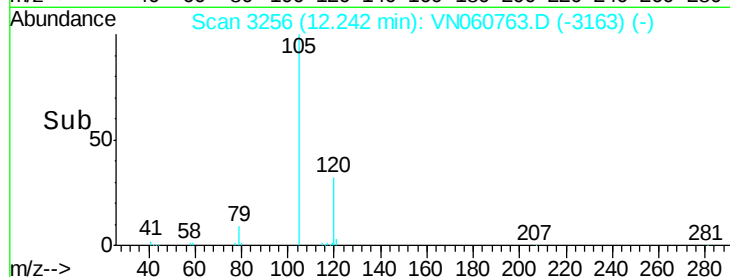
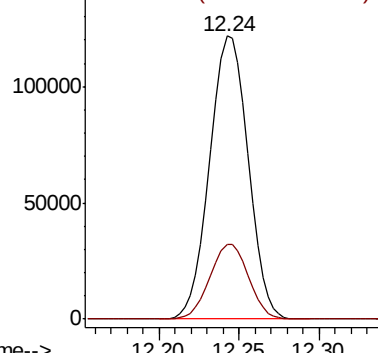
105 100

120 26.4 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.410 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. -0.00 min

Lab File: VN060763.D

Acq: 30 Mar 2020 12:25

Tgt Ion: 43 Resp: 92909

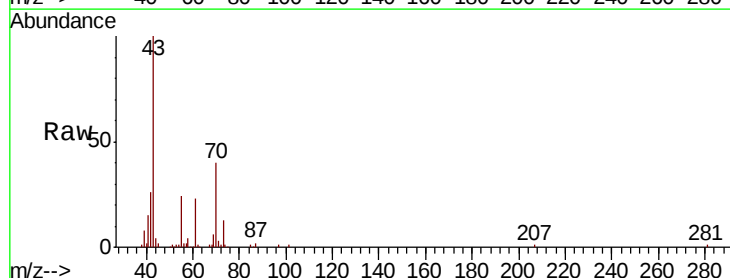
Ion Ratio Lower Upper

43 100

70 39.6 31.1 46.7

55 23.6 18.6 27.8

61 23.0 18.9 28.3

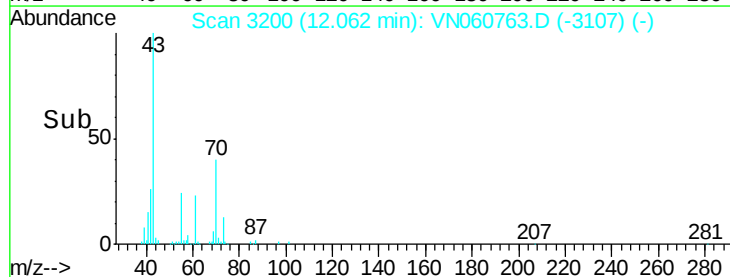
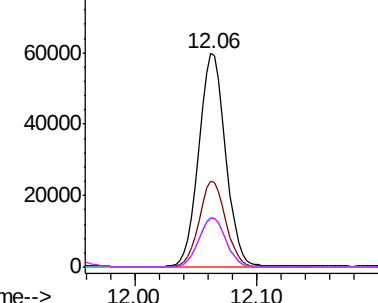


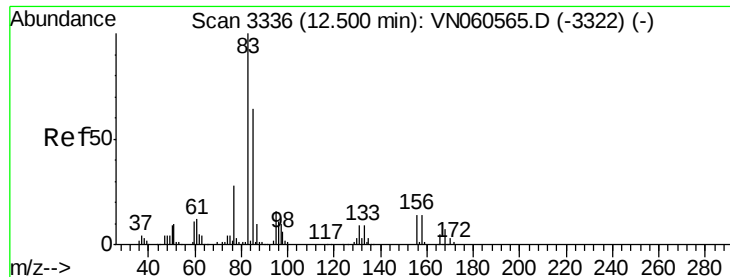
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.724 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN060763.D

Acq: 30 Mar 2020 12:25

Instrument :

MSVOA_N

ClientSampled :

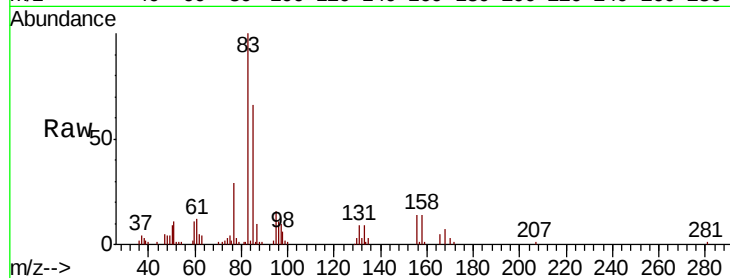
Tot Ion: 83 Resp: 61786

Ion Ratio Lower Upper

83 100

131 9.5 4.9 14.7

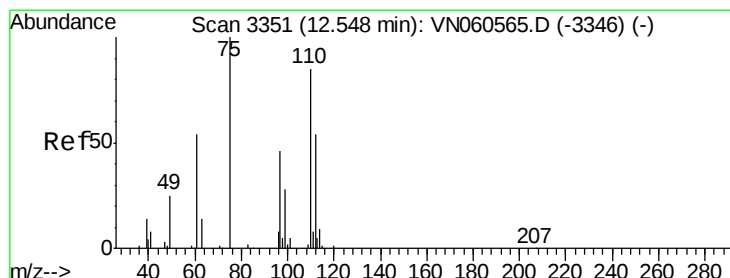
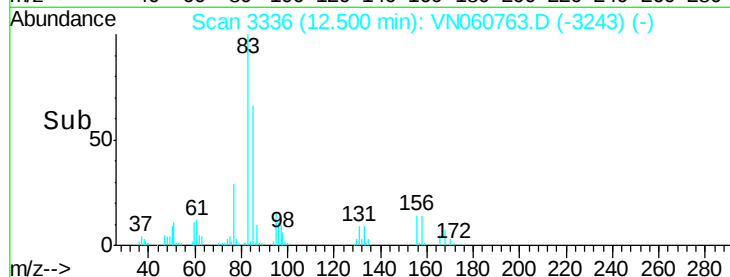
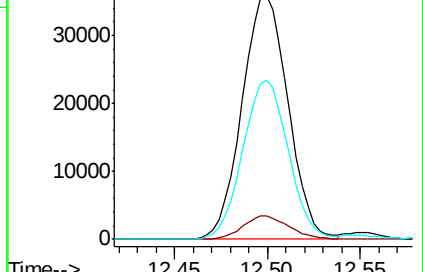
85 64.7 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VN060763.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN060763.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN060763.D (-3243) (-)



#76

1,2,3-Trichloropropane

Concen: 28.426 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. -0.00 min

Lab File: VN060763.D

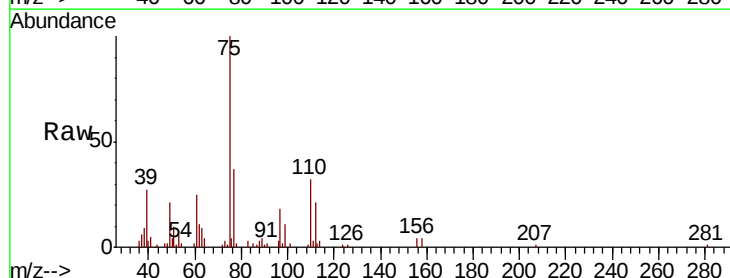
Acq: 30 Mar 2020 12:25

Tgt Ion: 75 Resp: 84664

Ion Ratio Lower Upper

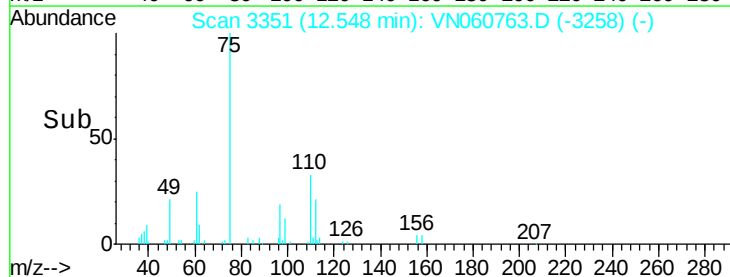
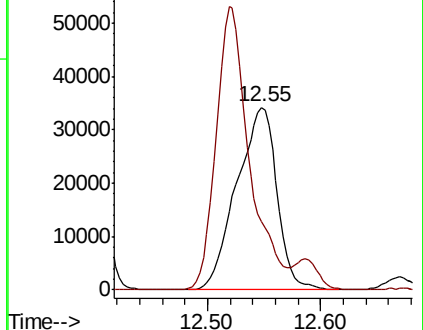
75 100

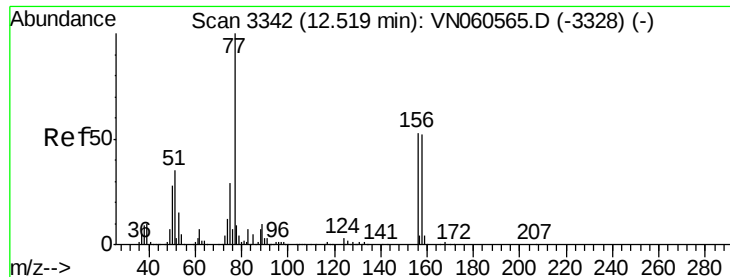
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN060763.D (-3258) (-)

Ion 77.00 (76.70 to 77.70): VN060763.D (-3258) (-)





#77

Bromobenzene

Concen: 19.213 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. 0.00 min

Lab File: VN060763.D

Acq: 30 Mar 2020 12:25

Instrument :

MSVOA_N

ClientSampled :

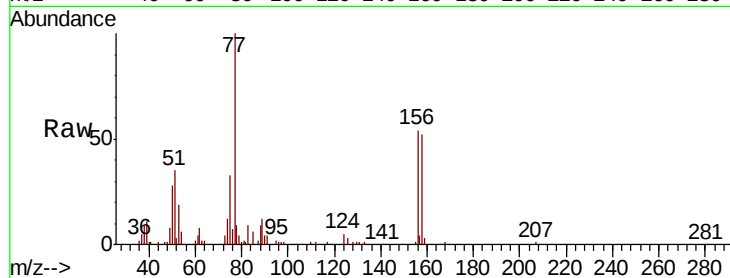
Tot Ion:156 Resp: 47956

Ion Ratio Lower Upper

156 100

77 225.4 112.3 337.0

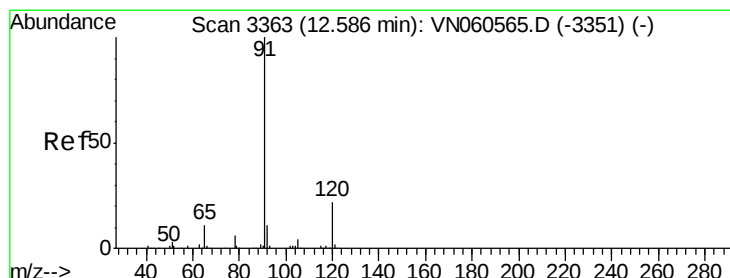
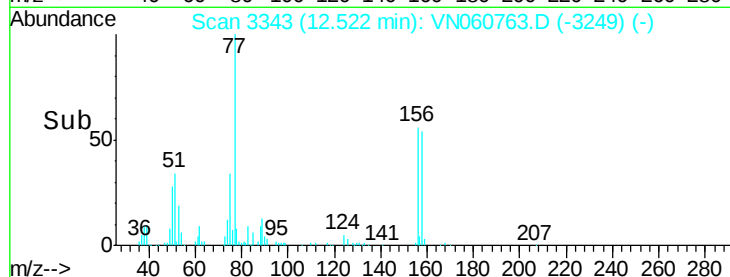
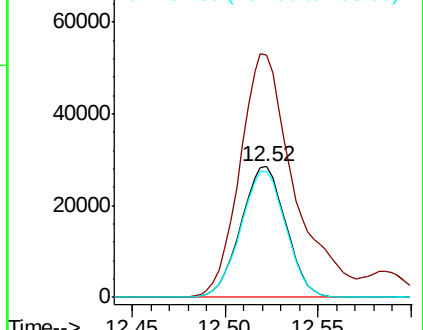
158 97.2 48.6 145.8



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: 19.311 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN060763.D

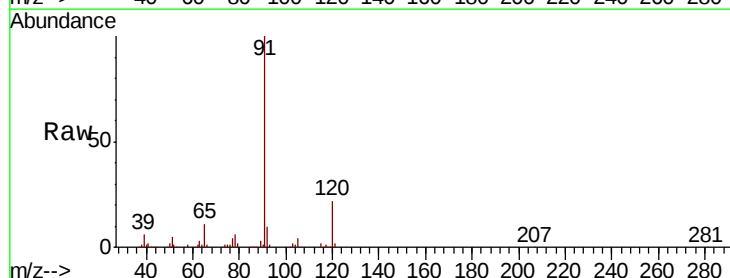
Acq: 30 Mar 2020 12:25

Tgt Ion: 91 Resp: 236333

Ion Ratio Lower Upper

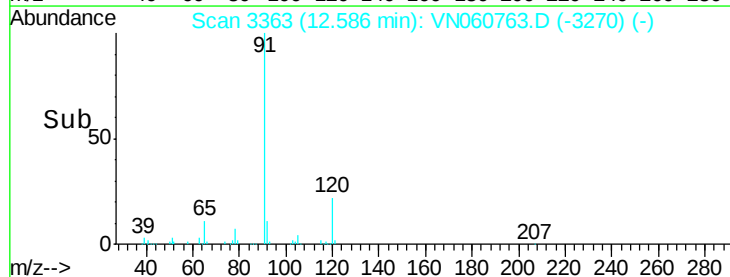
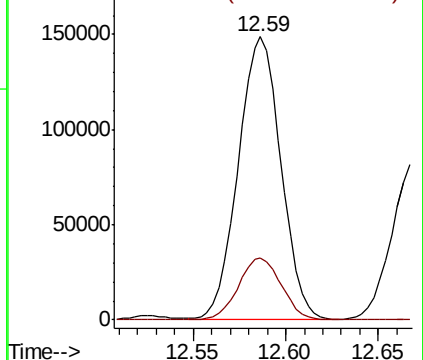
91 100

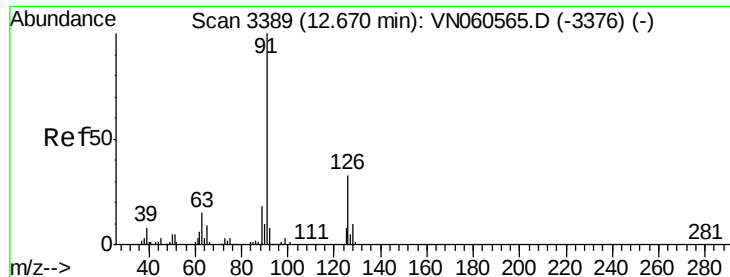
120 22.0 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.998 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VN060763.D

Acq: 30 Mar 2020 12:25

Instrument :

MSVOA_N

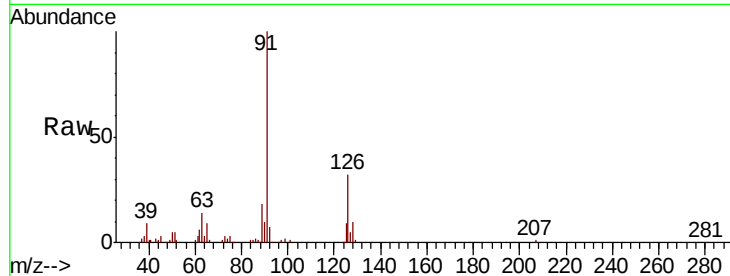
ClientSampled :

Tot Ion: 91 Resp: 138917

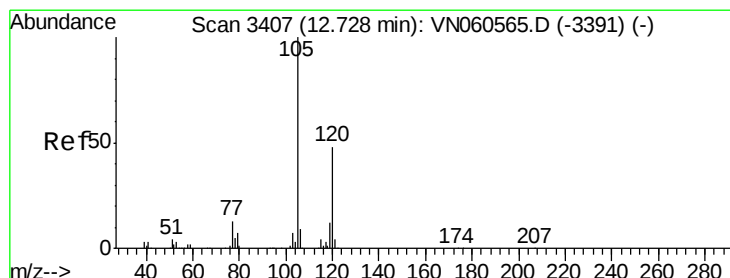
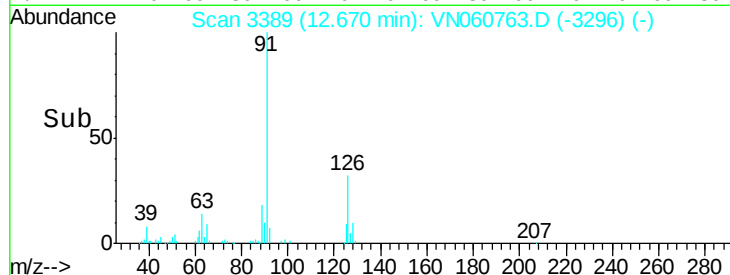
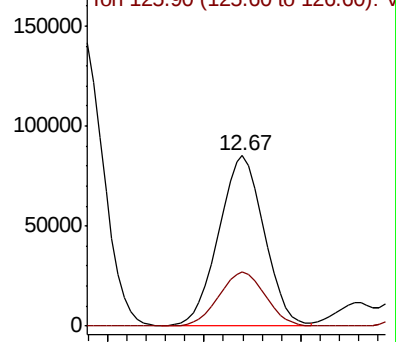
Ion Ratio Lower Upper

91 100

126 32.6 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VN060763.D (-3376) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.222 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. -0.00 min

Lab File: VN060763.D

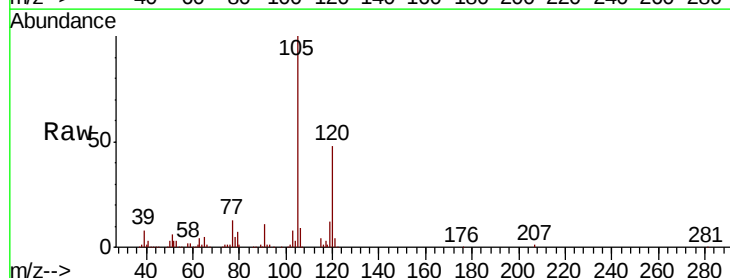
Acq: 30 Mar 2020 12:25

Tgt Ion:105 Resp: 168976

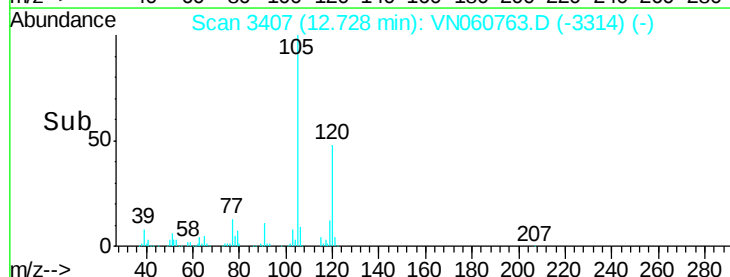
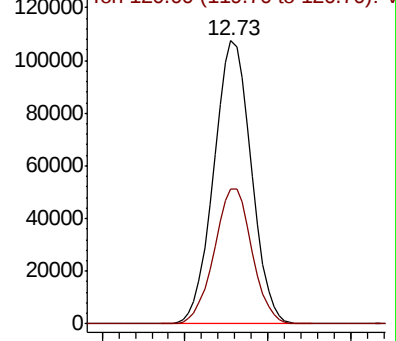
Ion Ratio Lower Upper

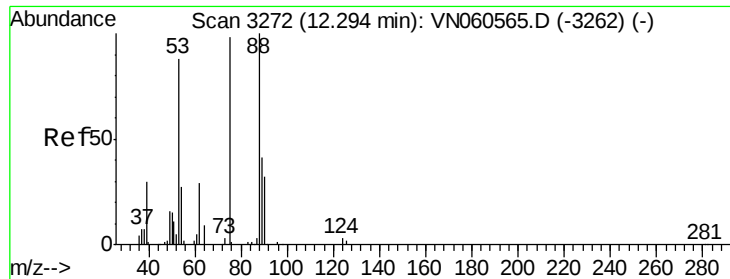
105 100

120 48.0 23.9 71.7



Abundance Ion 105.00 (104.70 to 105.70): VN060763.D (-3391) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 19.385 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. -0.00 min

Lab File: VN060763.D

Acq: 30 Mar 2020 12:25

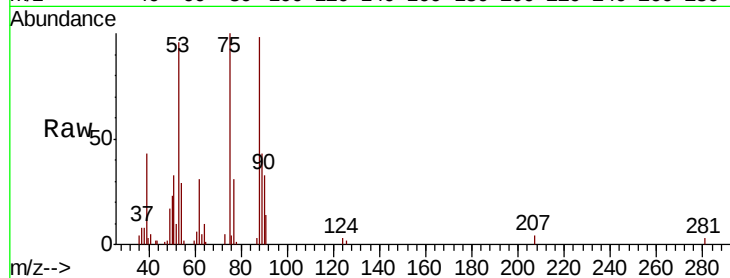
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 75 Resp: 22480

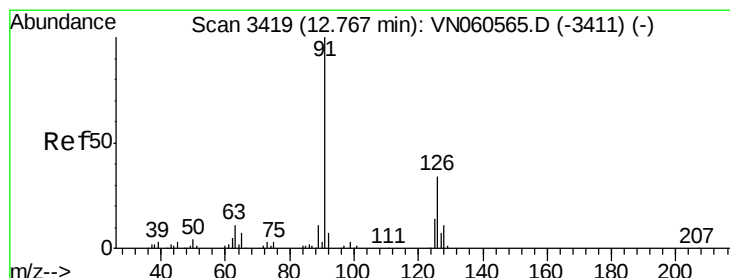
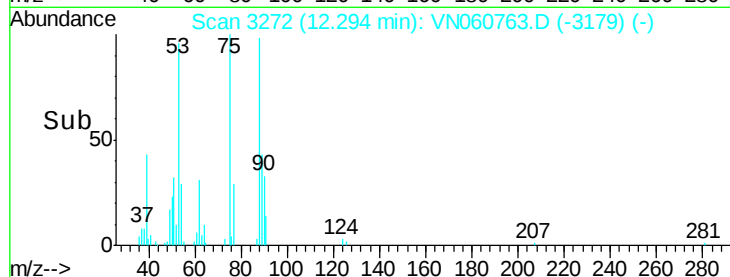
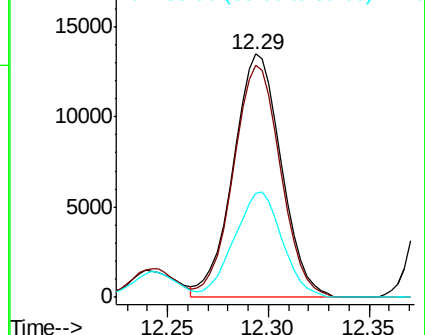
Ion	Ratio	Lower	Upper
75	100		
53	94.2	73.0	109.4
89	43.2	34.8	52.2



Abundance Ion 74.90 (74.60 to 75.60): VN060763.D (-3179) (-)

Ion 53.00 (52.70 to 53.70): VN060763.D (-3179) (-)

Ion 88.90 (88.60 to 89.60): VN060763.D (-3179) (-)



#82

4-Chlorotoluene

Concen: 19.363 ug/l

RT: 12.77 min Scan# 3420

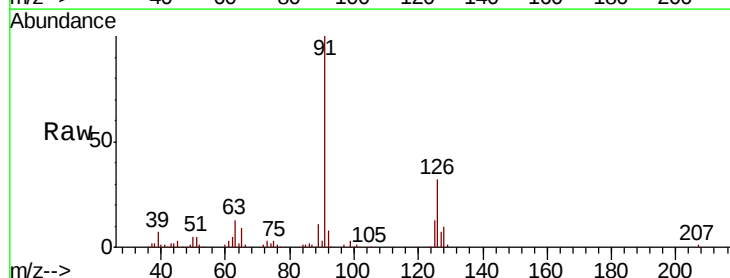
Delta R.T. 0.00 min

Lab File: VN060763.D

Acq: 30 Mar 2020 12:25

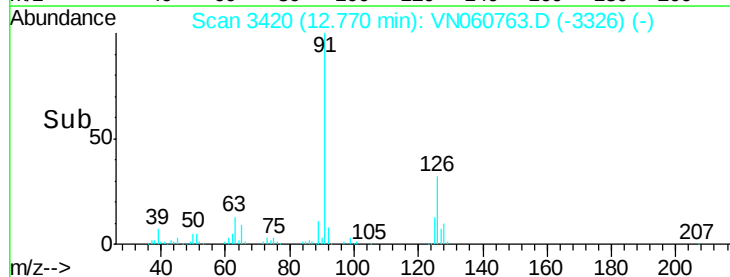
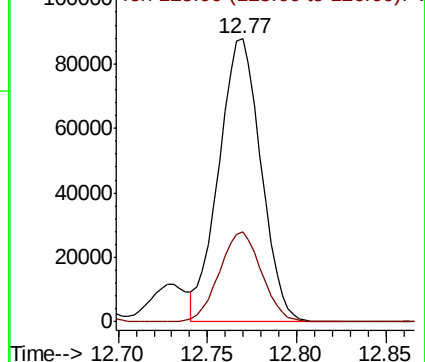
Tgt Ion: 91 Resp: 144204

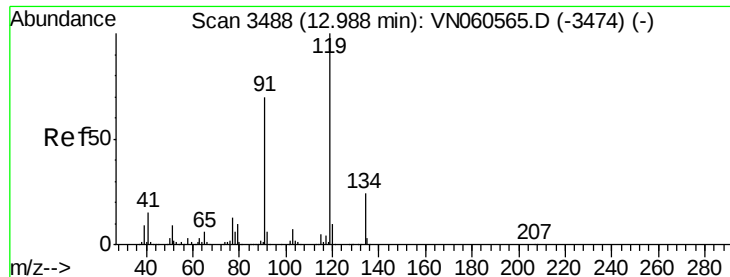
Ion	Ratio	Lower	Upper
91	100		
126	31.8	16.2	48.5



Abundance Ion 91.00 (90.70 to 91.70): VN060763.D (-3326) (-)

Ion 125.90 (125.60 to 126.60): VN060763.D (-3326) (-)





#83

tert-Butylbenzene

Concen: 19.380 ug/l

RT: 12.99 min Scan# 3488

Delta R.T. -0.00 min

Lab File: VN060763.D

Acq: 30 Mar 2020 12:25

Instrument :

MSVOA_N

ClientSampled :

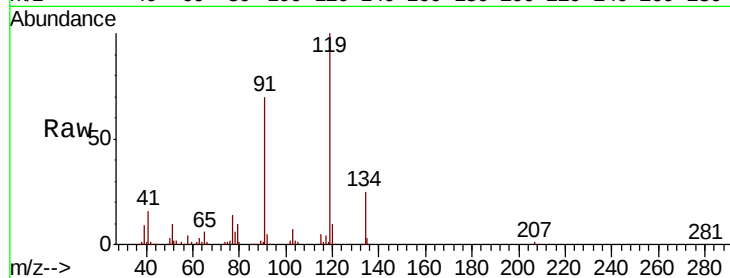
Tot Ion:119 Resp: 141228

Ion Ratio Lower Upper

119 100

91 68.8 34.0 101.8

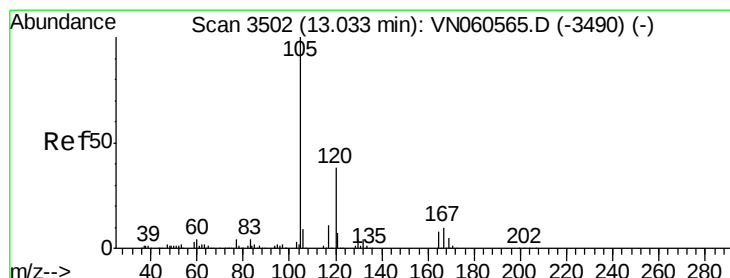
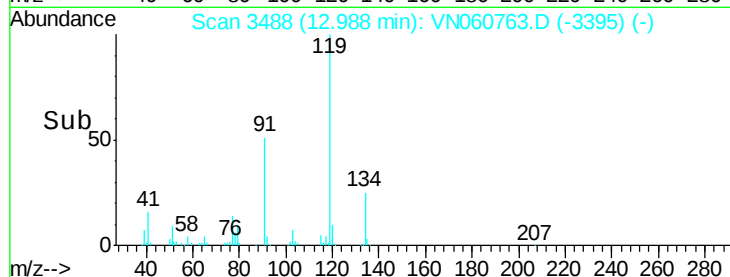
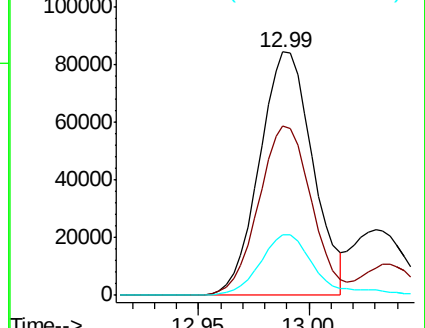
134 25.8 12.7 38.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 19.662 ug/l

RT: 13.04 min Scan# 3503

Delta R.T. 0.00 min

Lab File: VN060763.D

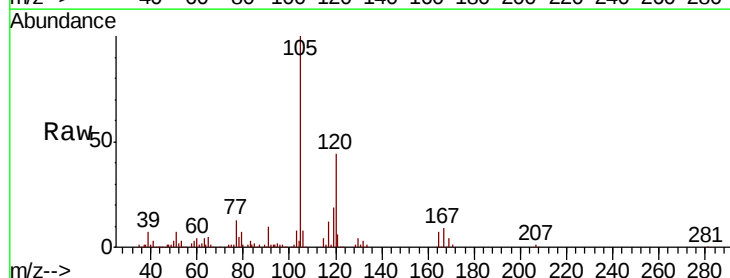
Acq: 30 Mar 2020 12:25

Tgt Ion:105 Resp: 170996

Ion Ratio Lower Upper

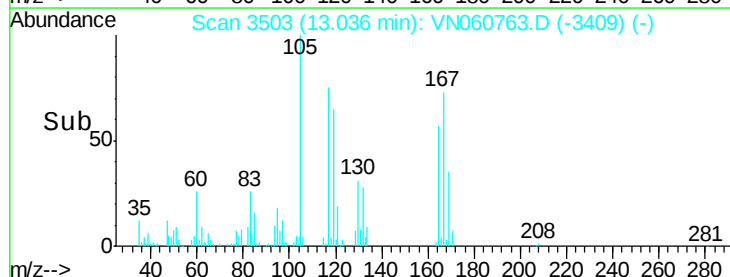
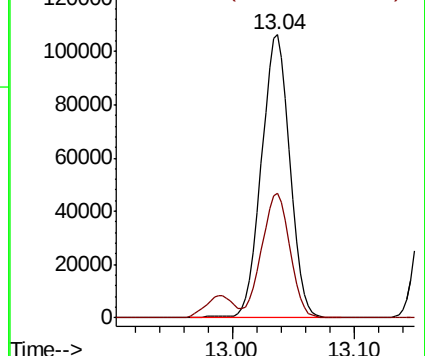
105 100

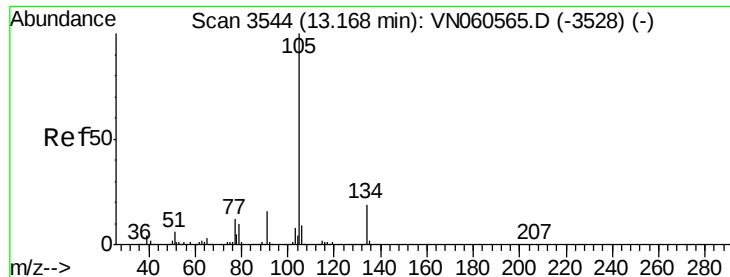
120 43.8 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

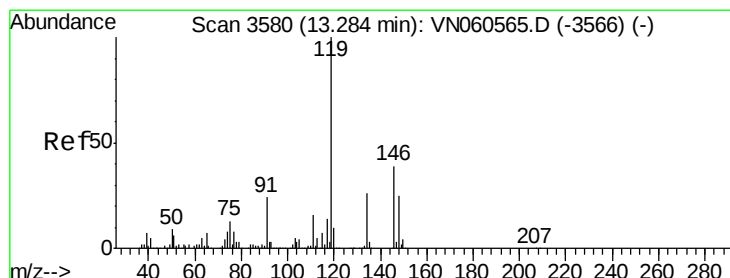
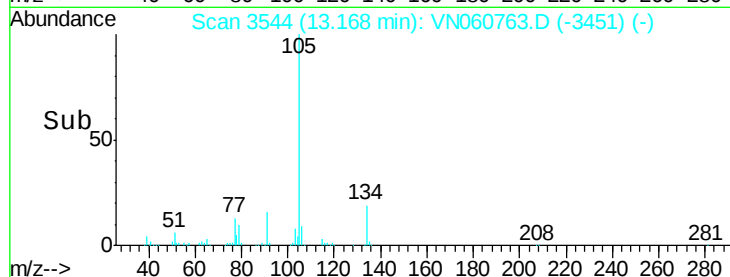
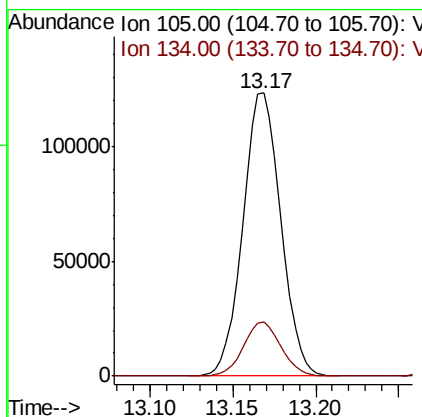
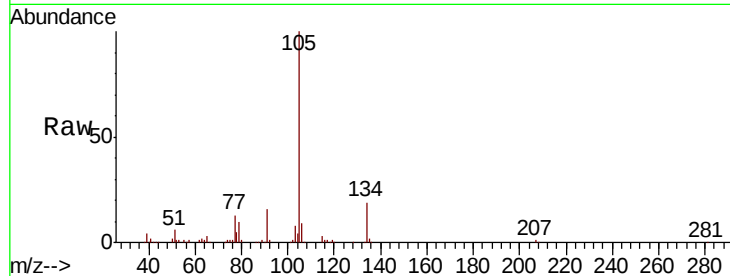




#85
 sec-Butylbenzene
 Concen: 19.926 ug/l
 RT: 13.17 min Scan# 3544
 Delta R.T. -0.00 min
 Lab File: VN060763.D
 Acq: 30 Mar 2020 12:25

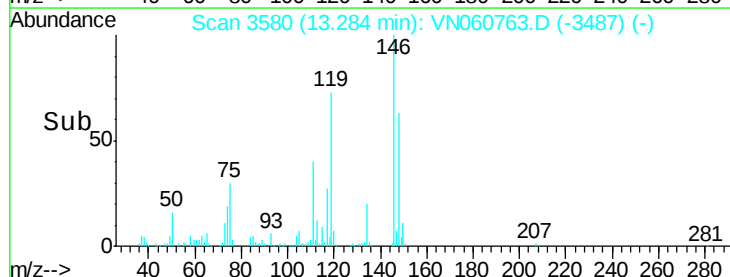
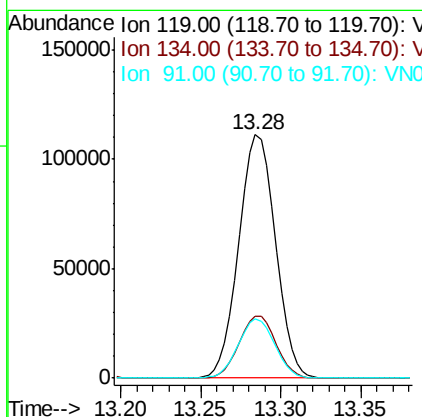
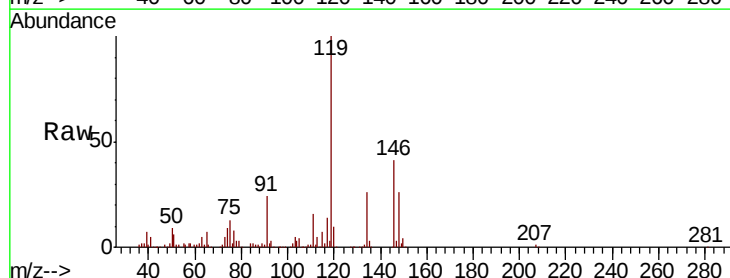
Instrument :
 MSVOA_N
 ClientSampleId :

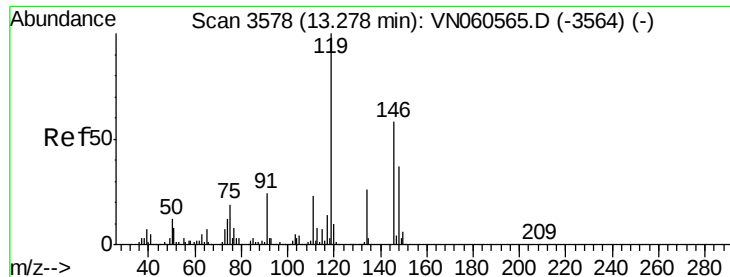
Tot Ion:105 Resp: 195257
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.6 28.8



#86
 p-Isopropyltoluene
 Concen: 19.730 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. -0.00 min
 Lab File: VN060763.D
 Acq: 30 Mar 2020 12:25

Tgt Ion:119 Resp: 173851
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.0 39.0
 91 24.1 12.0 36.0





#87

1,3-Dichlorobenzene

Concen: 19.516 ug/l

RT: 13.28 min Scan# 3578

Delta R.T. -0.00 min

Lab File: VN060763.D

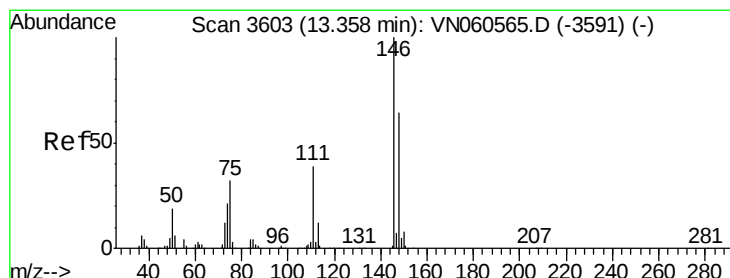
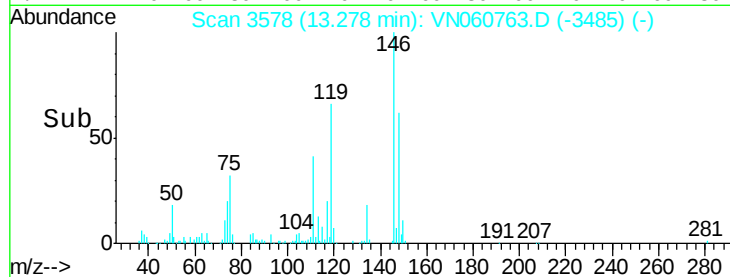
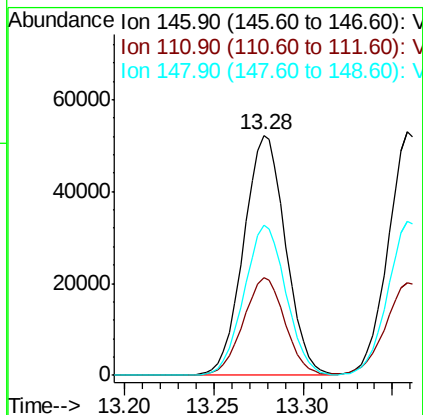
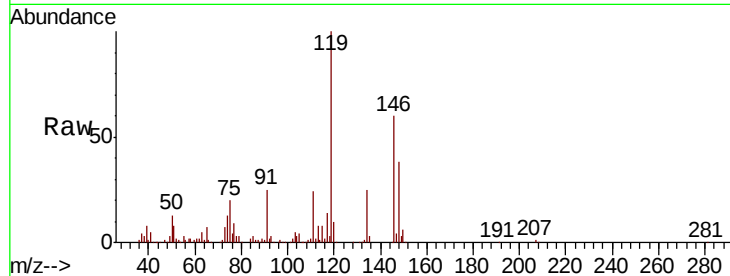
Acq: 30 Mar 2020 12:25

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:146	Resp:	85915
Ion Ratio	Lower	Upper
146	100	
111	40.5	20.3 60.8
148	62.6	32.5 97.4



#88

1,4-Dichlorobenzene

Concen: 19.166 ug/l

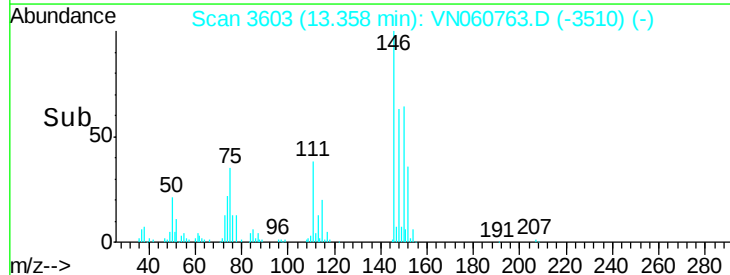
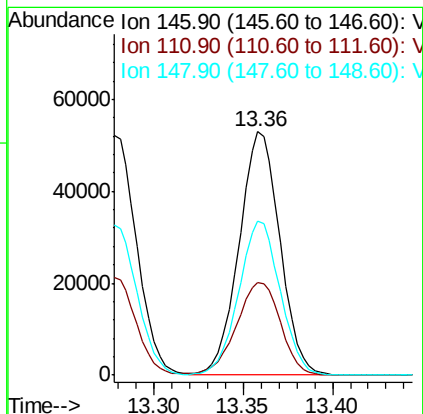
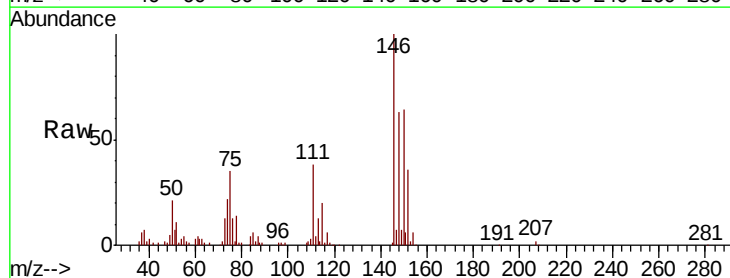
RT: 13.36 min Scan# 3603

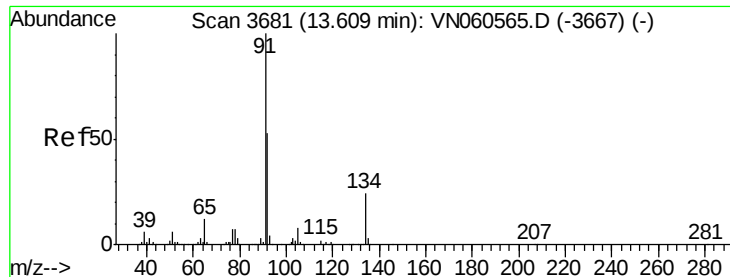
Delta R.T. -0.00 min

Lab File: VN060763.D

Acq: 30 Mar 2020 12:25

Tgt Ion:146	Resp:	84770
Ion Ratio	Lower	Upper
146	100	
111	41.1	19.6 58.7
148	64.2	32.1 96.3





#89

n-Butylbenzene

Concen: 20.229 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN060763.D

Acq: 30 Mar 2020 12:25

Instrument :

MSVOA_N

ClientSampled :

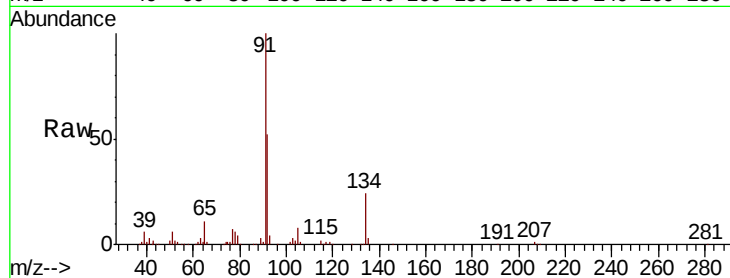
Tot Ion: 91 Resp: 160935

Ion Ratio Lower Upper

91 100

92 52.2 26.2 78.5

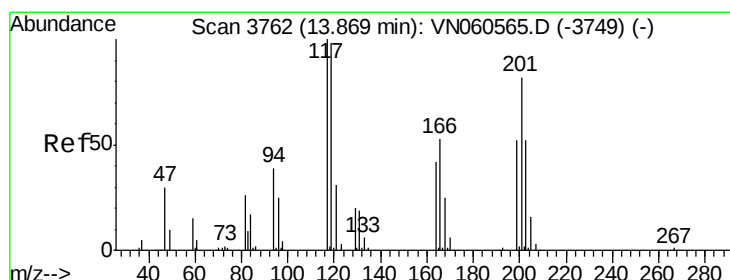
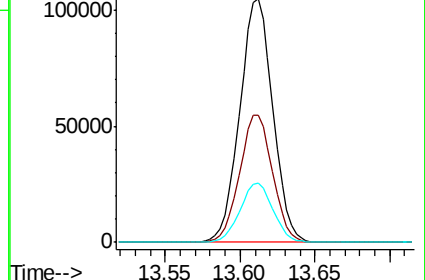
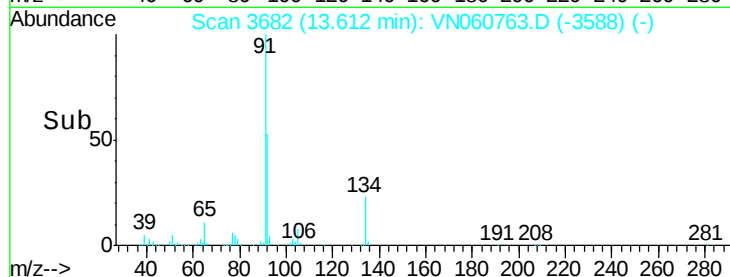
134 24.2 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN060763.D (-3667) (-)

Ion 92.00 (91.70 to 92.70): VN060763.D (-3667) (-)

Ion 134.00 (133.70 to 134.70): VN060763.D (-3667) (-)



#90

Hexachloroethane

Concen: 20.324 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN060763.D

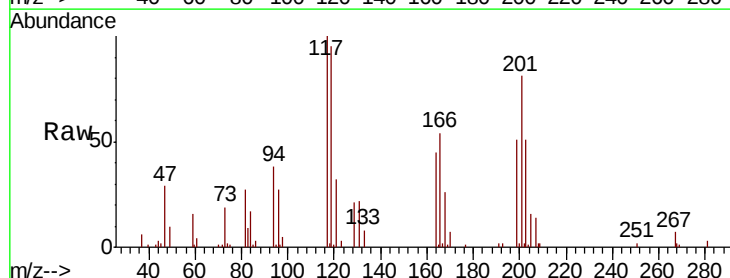
Acq: 30 Mar 2020 12:25

Tgt Ion: 117 Resp: 26032

Ion Ratio Lower Upper

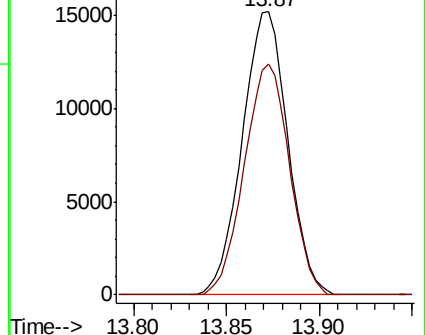
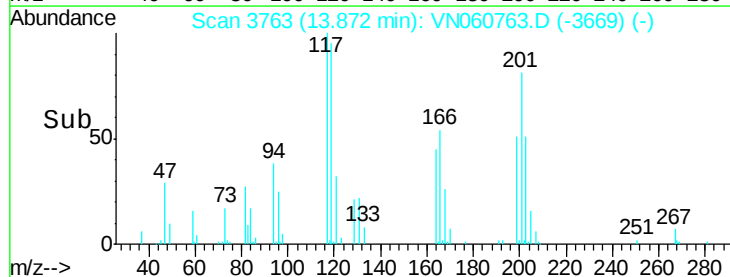
117 100

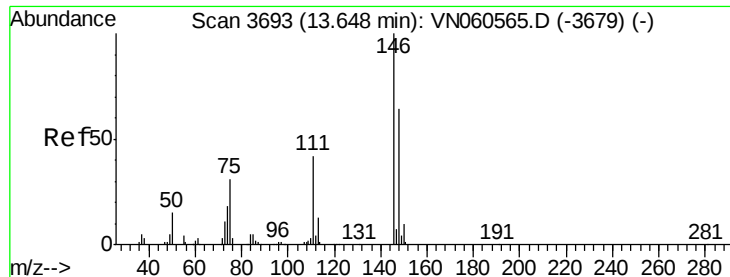
201 80.9 40.8 122.5



Abundance Ion 116.80 (116.50 to 117.50): VN060763.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN060763.D (-3749) (-)





#91

1,2-Dichlorobenzene

Concen: 19.685 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN060763.D

Acq: 30 Mar 2020 12:25

Instrument :

MSVOA_N

ClientSampleId :

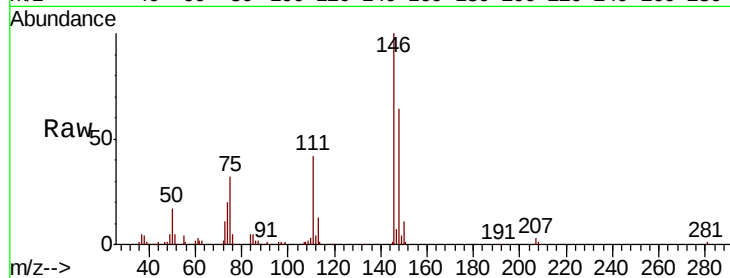
Tot Ion:146 Resp: 82863

Ion Ratio Lower Upper

146 100

111 42.2 21.0 63.0

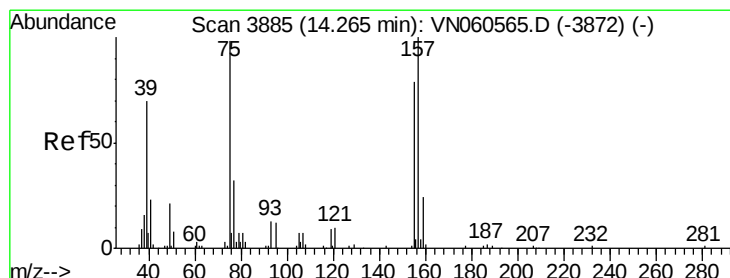
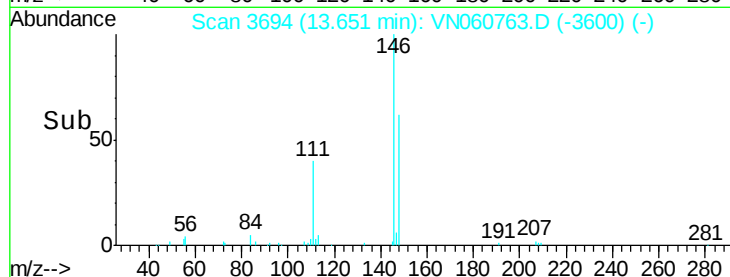
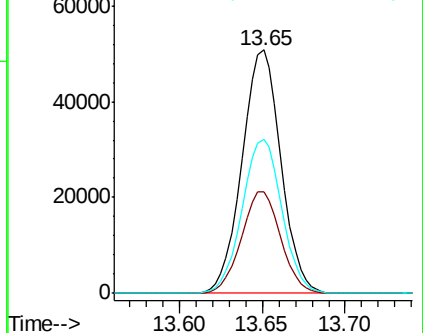
148 64.7 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.443 ug/l

RT: 14.26 min Scan# 3885

Delta R.T. 0.00 min

Lab File: VN060763.D

Acq: 30 Mar 2020 12:25

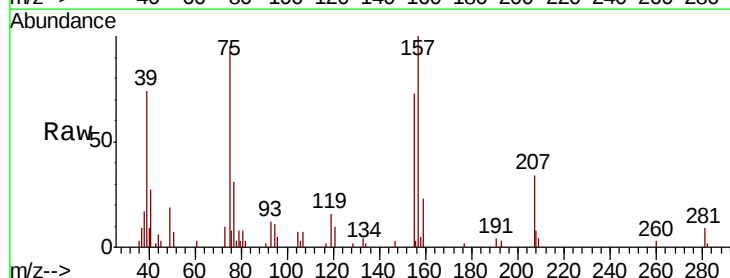
Tgt Ion: 75 Resp: 12212

Ion Ratio Lower Upper

75 100

155 76.1 40.7 122.1

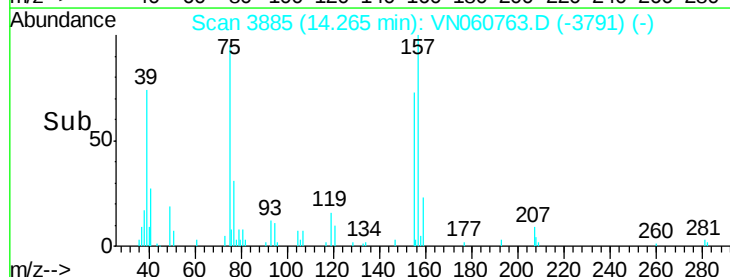
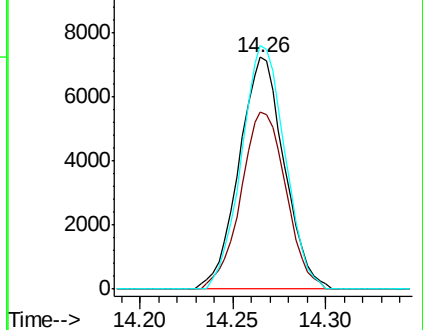
157 101.1 51.5 154.7

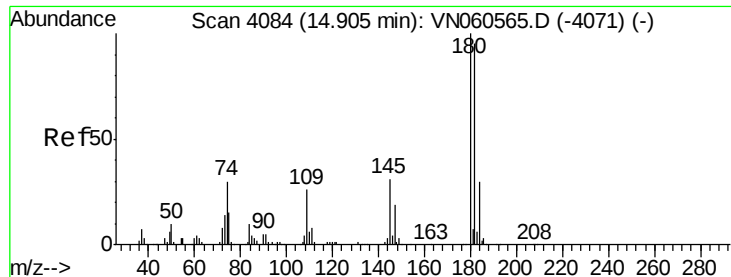


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

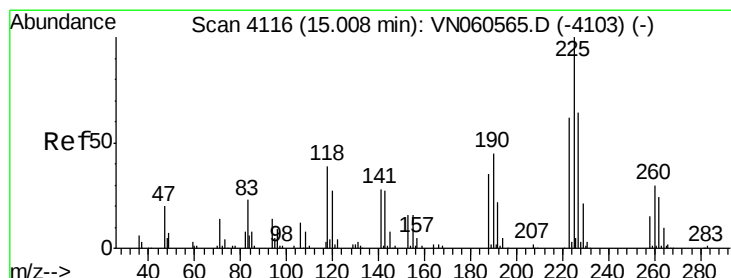
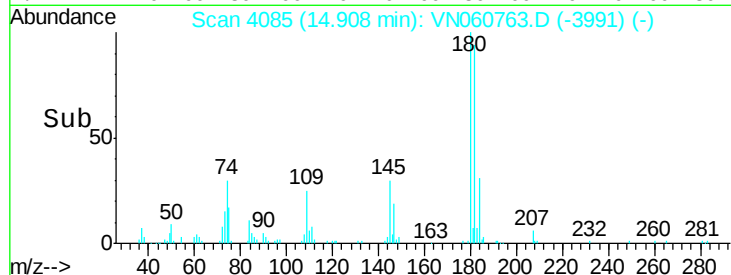
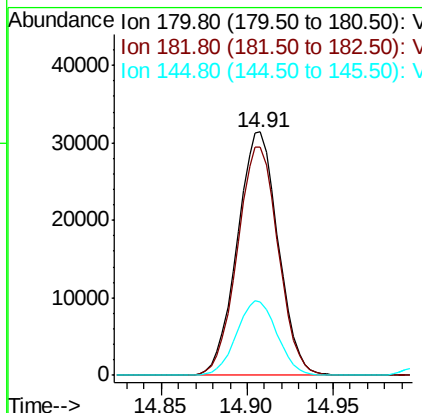
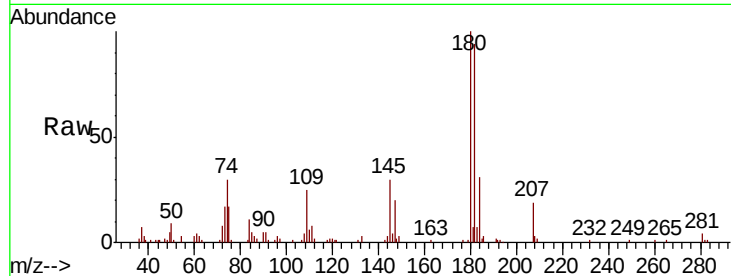




#93
 1,2,4-Trichlorobenzene
 Concen: 20.127 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN060763.D
 Acq: 30 Mar 2020 12:25

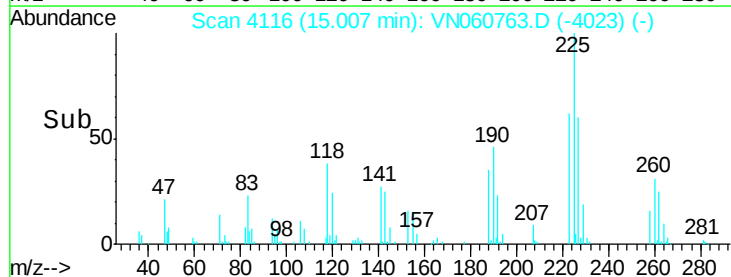
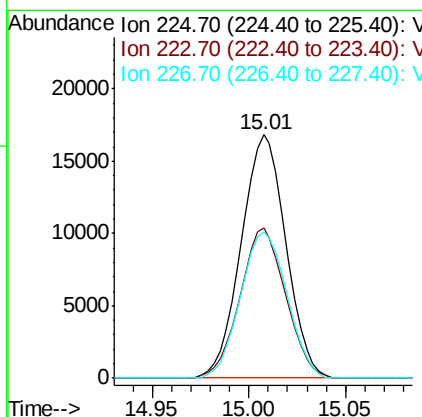
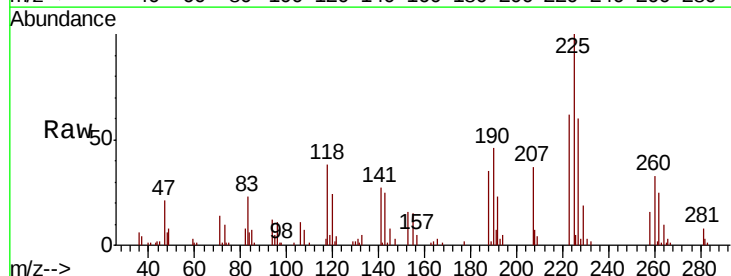
Instrument :
 MSVOA_N
 ClientSampled :

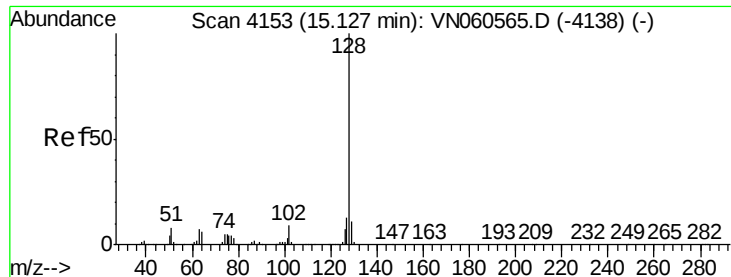
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.5	47.9	143.8
145	30.2	15.4	46.2



#94
 Hexachlorobutadiene
 Concen: 21.352 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN060763.D
 Acq: 30 Mar 2020 12:25

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	31.6	95.0
227	62.2	32.3	96.8





#95

Naphthalene

Concen: 19.428 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN060763.D

Acq: 30 Mar 2020 12:25

Instrument :

MSVOA_N

ClientSampleId :

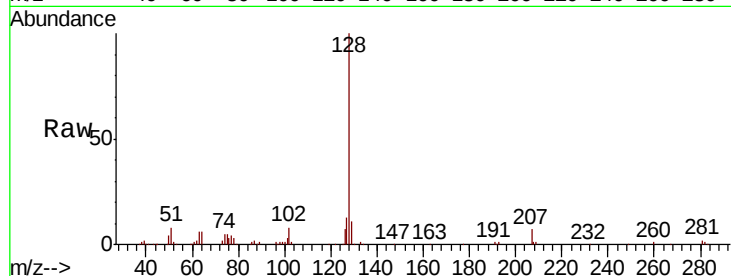
Tot Ion:128 Resp: 151056

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.2

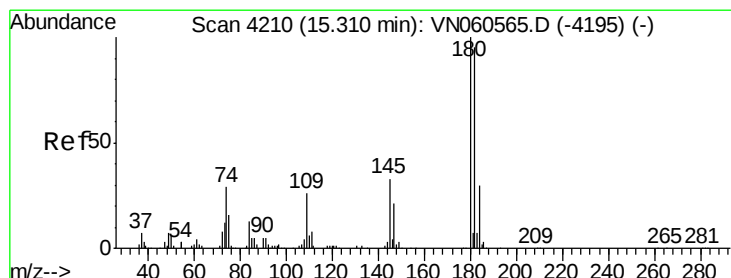
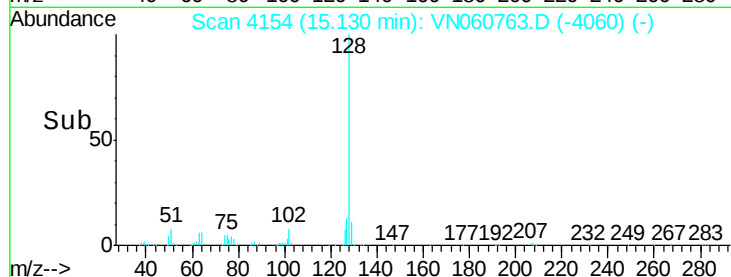
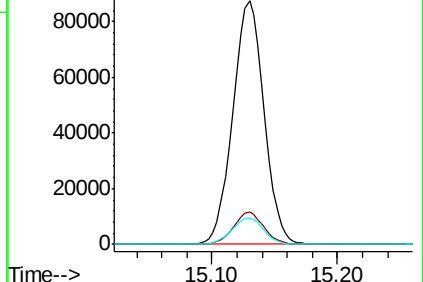
129 11.0 8.8 13.2



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: 19.620 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. -0.00 min

Lab File: VN060763.D

Acq: 30 Mar 2020 12:25

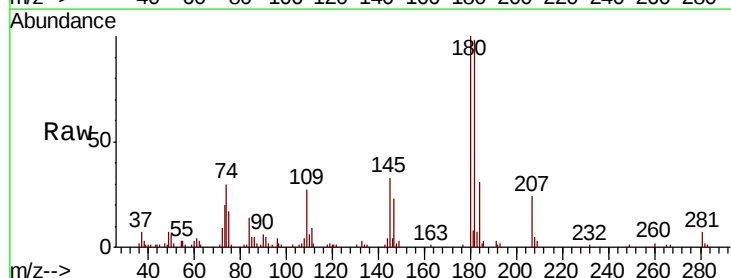
Tgt Ion:180 Resp: 49955

Ion Ratio Lower Upper

180 100

182 96.0 47.5 142.6

145 32.1 16.3 48.8



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

