

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100720\
 Data File : VN063956.D
 Acq On : 7 Oct 2020 20:31
 Operator : JC/MD
 Sample : L4293-04MS
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 B-6-MW-2MS

Quant Time: Oct 08 05:04:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	278503	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	457179	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	426547	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	214046	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	217343	47.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.48%	
35) Dibromofluoromethane	7.55	113	153571	48.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.82%	
50) Toluene-d8	10.06	98	567859	47.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.44%	
62) 4-Bromofluorobenzene	12.38	95	217221	48.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	132361	45.041	ug/l	100
3) Chloromethane	2.04	50	152012	44.085	ug/l	100
4) Vinyl Chloride	2.16	62	155406	44.899	ug/l	99
5) Bromomethane	2.53	94	70246	32.266	ug/l	97
6) Chloroethane	2.67	64	99817	48.262	ug/l	99
7) Trichlorofluoromethane	2.99	101	272017	49.553	ug/l	99
8) Diethyl Ether	3.37	74	90001	48.479	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.72	101	139470	47.535	ug/l	97
10) Methyl Iodide	3.91	142	126371	37.095	ug/l	99
11) Tert butyl alcohol	4.73	59	123599	243.318	ug/l	99
12) 1,1-Dichloroethene	3.70	96	131225	46.791	ug/l	94
13) Acrolein	3.57	56	63458	203.544	ug/l	99
14) Allyl chloride	4.28	41	266005	51.055	ug/l	94
15) Acrylonitrile	4.93	53	390583	268.619	ug/l	100
16) Acetone	3.78	43	363116	256.373	ug/l	98
17) Carbon Disulfide	4.01	76	347489	45.901	ug/l	99
18) Methyl Acetate	4.28	43	187532	50.996	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	521557	51.189	ug/l	100
20) Methylene Chloride	4.51	84	161365	49.741	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	149364	47.549	ug/l	97
22) Diisopropyl ether	5.90	45	581677	54.263	ug/l	99
23) Vinyl Acetate	5.85	43	2165063	243.822	ug/l	99
24) 1,1-Dichloroethane	5.80	63	314229	51.268	ug/l	100
25) 2-Butanone	6.78	43	543299	270.561	ug/l	100
26) 2,2-Dichloropropane	6.78	77	218256	38.885	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	176843	48.950	ug/l	99
28) Bromochloromethane	7.15	49	156927	51.803	ug/l	99
29) Tetrahydrofuran	7.17	42	366350	272.019	ug/l	97
30) Chloroform	7.33	83	325908	50.997	ug/l	94
31) Cyclohexane	7.61	56	248736	46.566	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	290437	50.385	ug/l	98
36) 1,1-Dichloropropene	7.76	75	226804	48.968	ug/l	99
37) Ethyl Acetate	6.88	43	220814	47.986	ug/l	99
38) Carbon Tetrachloride	7.74	117	253401	48.790	ug/l	95

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 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	215457	46.647	ug/l	98
40) Benzene	8.00	78	656448	49.621	ug/l	100
41) Methacrylonitrile	7.13	41	115368	56.411	ug/l	95
42) 1,2-Dichloroethane	8.09	62	278737	49.359	ug/l	100
43) Isopropyl Acetate	8.13	43	390321	51.424	ug/l	99
44) Trichloroethene	8.80	130	167144	48.221	ug/l	98
45) 1,2-Dichloropropane	9.08	63	183281	51.299	ug/l	99
46) Dibromomethane	9.17	93	121632	49.350	ug/l	98
47) Bromodichloromethane	9.37	83	257640	50.721	ug/l	98
48) Methyl methacrylate	9.17	41	207641	55.371	ug/l	91
49) 1,4-Dioxane	9.16	88	48657	912.955	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	1232285	276.653	ug/l	99
52) Toluene	10.13	92	419535	51.271	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	272088	49.970	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	275750	48.424	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	168392	51.315	ug/l	99
56) Ethyl methacrylate	10.40	69	253138	54.421	ug/l	97
57) 1,3-Dichloropropane	10.68	76	291480	52.502	ug/l	99
59) 2-Hexanone	10.72	43	893243	269.951	ug/l	99
60) Dibromochloromethane	10.87	129	195359	51.119	ug/l	99
61) 1,2-Dibromoethane	10.98	107	174070	51.856	ug/l	98
64) Tetrachloroethene	10.60	164	148235	44.919	ug/l	98
65) Chlorobenzene	11.41	112	443463	50.683	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	176221	52.534	ug/l	99
67) Ethyl Benzene	11.49	91	827360	51.965	ug/l	98
68) m/p-Xylenes	11.60	106	608334	102.519	ug/l	99
69) o-Xylene	11.92	106	294109	53.029	ug/l	98
70) Stvrene	11.94	104	502426	53.367	ug/l	99
71) Bromoform	12.10	173	133645	52.093	ug/l #	97
73) Isopropylbenzene	12.23	105	772970	49.510	ug/l	99
74) N-amyl acetate	12.05	43	334198	46.231	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	240689	50.415	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	328091	69.534	ug/l #	100
77) Bromobenzene	12.50	156	197556	51.569	ug/l	97
78) n-propylbenzene	12.57	91	887014	48.818	ug/l	100
79) 2-Chlorotoluene	12.65	91	551017	49.310	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	662041	50.545	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	77661	47.405	ug/l	99
82) 4-Chlorotoluene	12.75	91	572637	49.363	ug/l	97
83) tert-Butylbenzene	12.97	119	536625	50.087	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	669503	51.197	ug/l	98
85) sec-Butylbenzene	13.15	105	692709	49.226	ug/l	100
86) p-Isopropyltoluene	13.26	119	629422	50.561	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	346505	49.997	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	341394	47.309	ug/l	99
89) n-Butylbenzene	13.59	91	526392	45.814	ug/l	99
90) Hexachloroethane	13.85	117	114807	47.592	ug/l	94
91) 1,2-Dichlorobenzene	13.63	146	340359	49.582	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	54240	48.445	ug/l	96
93) 1,2,4-Trichlorobenzene	14.88	180	168563	45.327	ug/l	99

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	14.98	225	88844	47.737	ug/l	97
95) Naphthalene	15.10	128	613729	53.018	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	166956	46.238	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN063956.D

Acq: 7 Oct 2020 20:31

Instrument :

MSVOA_N

ClientSampleId :

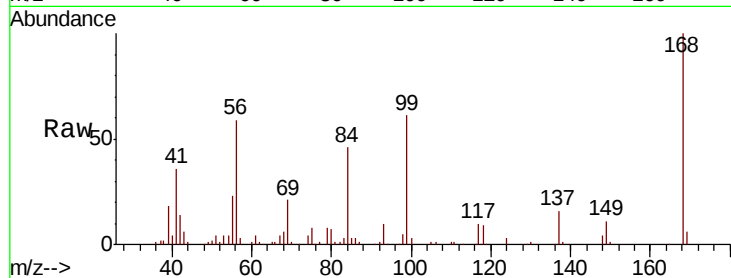
B-6-MW-2MS

Tot Ion:168 Resp: 278503

Ion Ratio Lower Upper

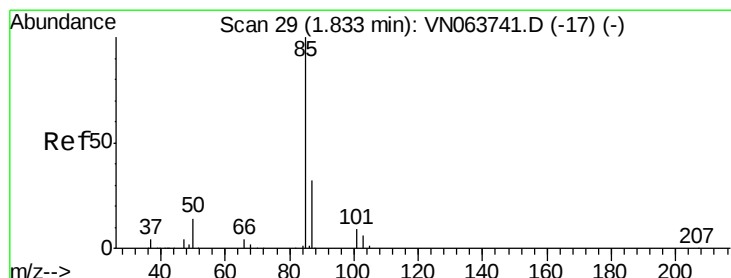
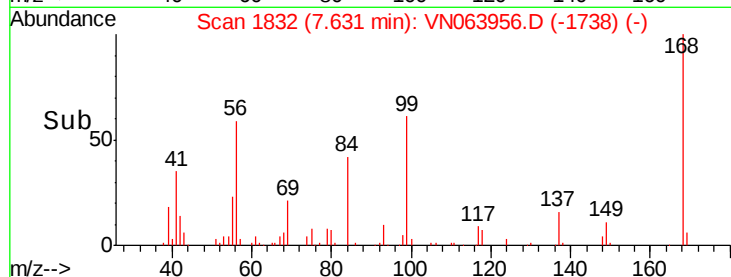
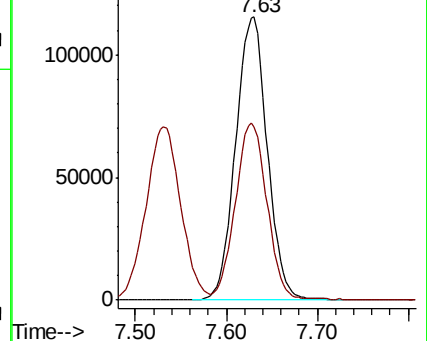
168 100

99 61.0 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 45.041 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063956.D

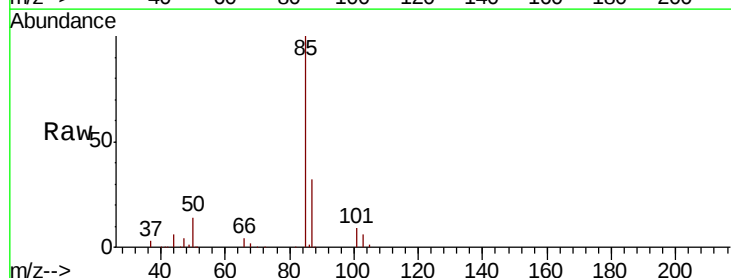
Acq: 7 Oct 2020 20:31

Tgt Ion: 85 Resp: 132361

Ion Ratio Lower Upper

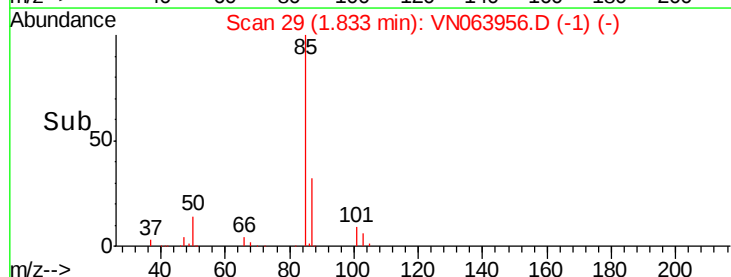
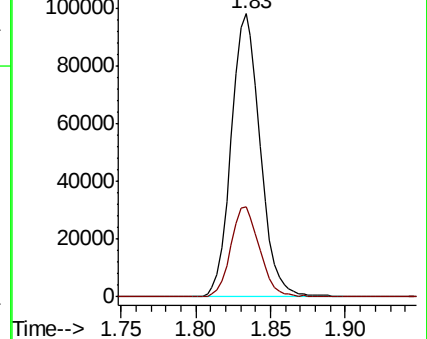
85 100

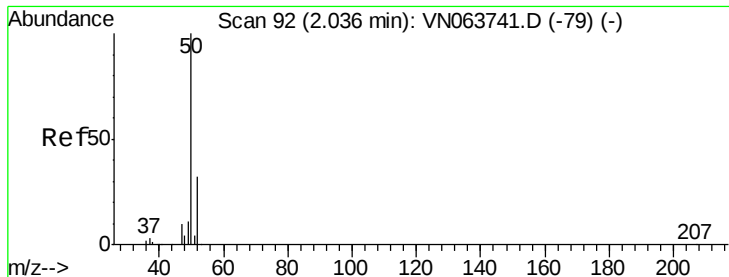
87 32.0 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 44.085 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN063956.D

Acq: 7 Oct 2020 20:31

Instrument :

MSVOA_N

ClientSampleId :

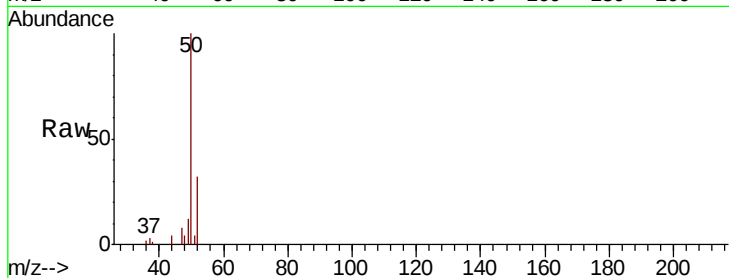
B-6-MW-2MS

Tot Ion: 50 Resp: 152012

Ion Ratio Lower Upper

50 100

52 32.5 25.8 38.8



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.04

120000

100000

80000

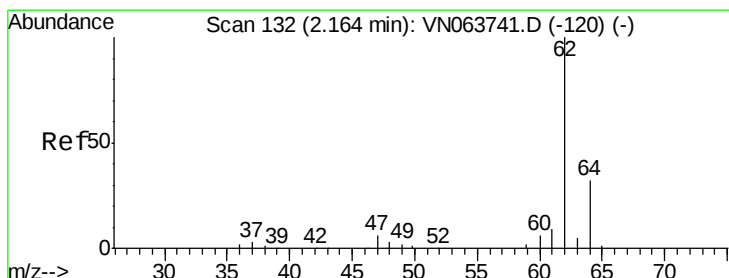
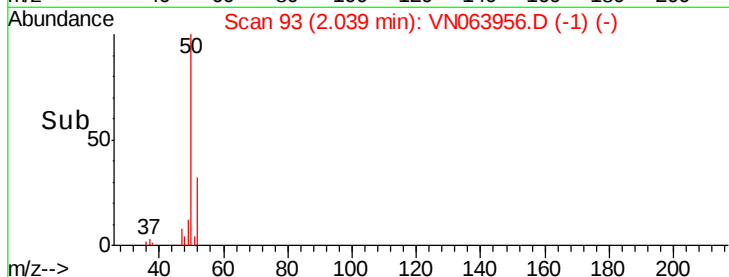
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 44.899 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN063956.D

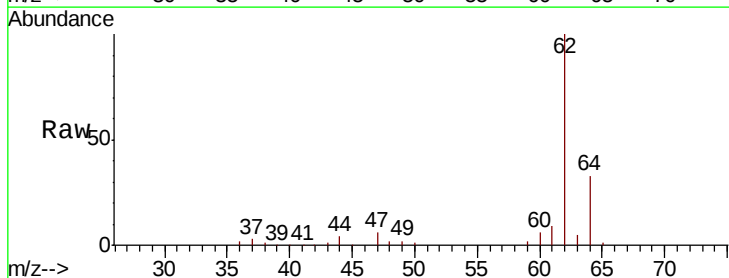
Acq: 7 Oct 2020 20:31

Tgt Ion: 62 Resp: 155406

Ion Ratio Lower Upper

62 100

64 32.7 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

2.16

120000

100000

80000

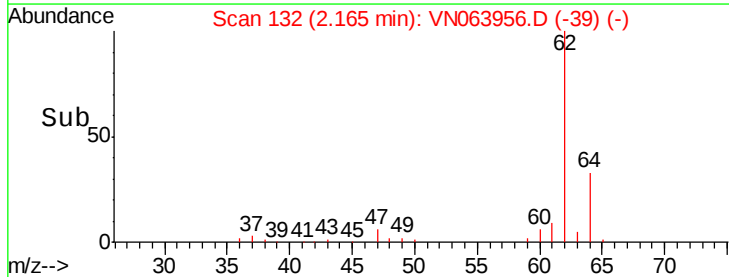
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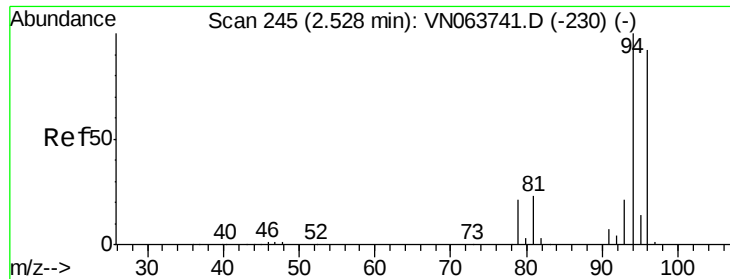
40000

20000

0

Time-->





#5

Bromomethane

Concen: 32.266 ug/l

RT: 2.53 min Scan# 246

Delta R.T. 0.00 min

Lab File: VN063956.D

Acq: 7 Oct 2020 20:31

Instrument :

MSVOA_N

ClientSampleId :

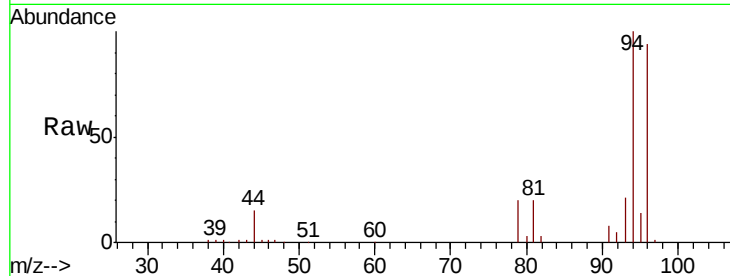
B-6-MW-2MS

Tot Ion: 94 Resp: 70246

Ion Ratio Lower Upper

94 100

96 94.2 73.3 109.9



Abundance Ion 93.90 (93.60 to 94.60): VN063741.D (-230) (-)

Ion 95.90 (95.60 to 96.60): VN063956.D (-152) (-)

2.53

40000

30000

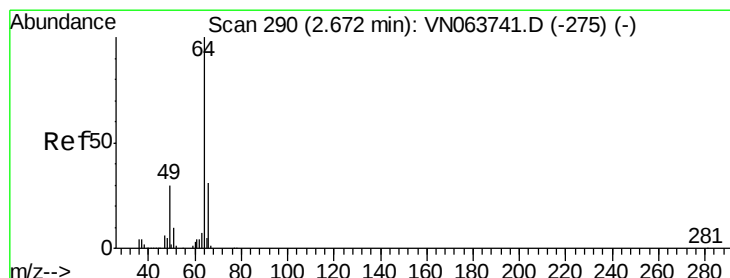
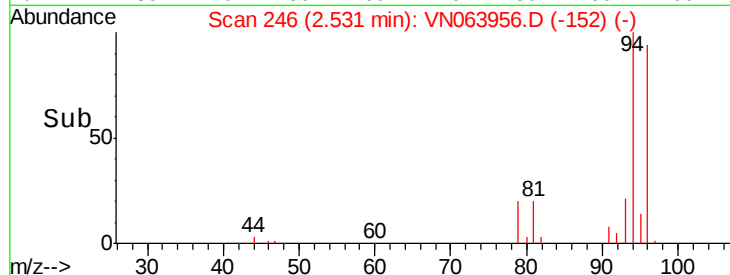
20000

10000

0

Time-->

2.45 2.50 2.55 2.60 2.65



#6

Chloroethane

Concen: 48.262 ug/l

RT: 2.67 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN063956.D

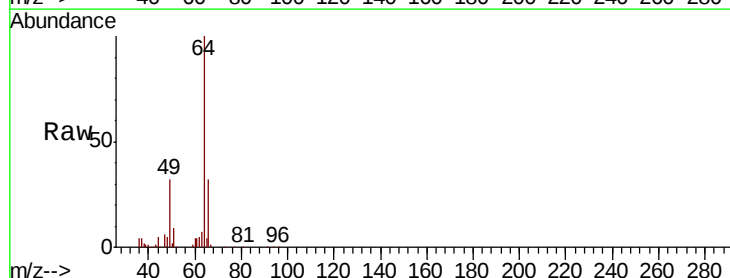
Acq: 7 Oct 2020 20:31

Tgt Ion: 64 Resp: 99817

Ion Ratio Lower Upper

64 100

66 32.0 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VN063741.D (-275) (-)

Ion 65.90 (65.60 to 66.60): VN063956.D (-197) (-)

2.67

60000

50000

40000

30000

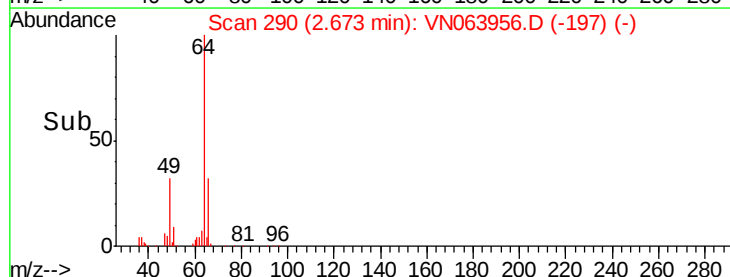
20000

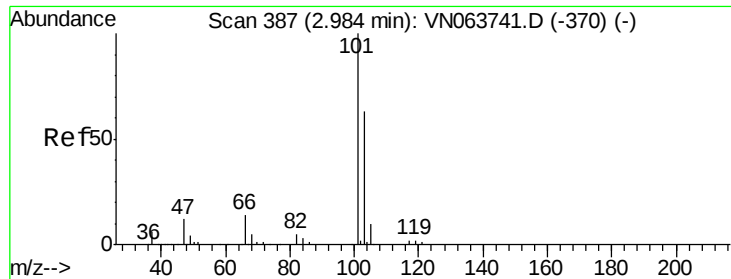
10000

0

Time-->

2.60 2.65 2.70 2.75



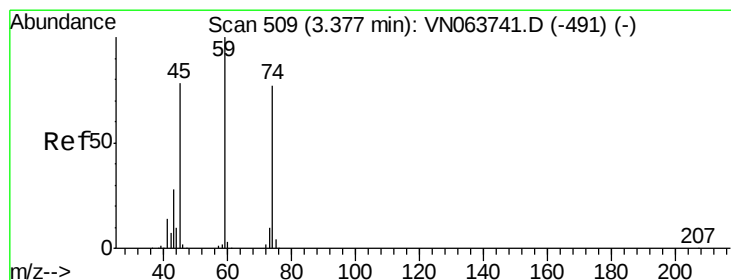
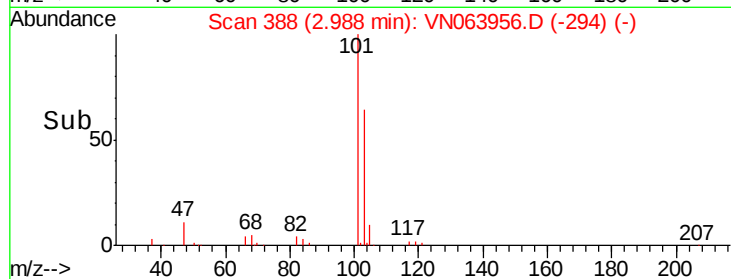
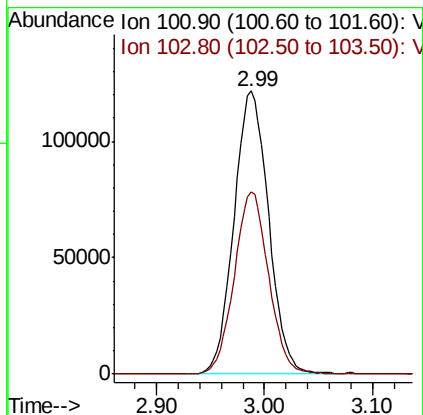
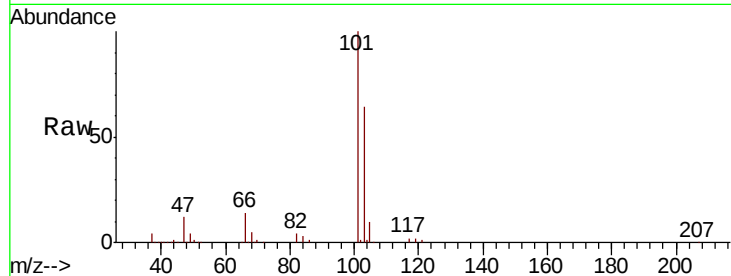


#7

Trichlorofluoromethane
 Concen: 49.553 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VN063956.D
 Acq: 7 Oct 2020 20:31

Instrument :
 MSVOA_N
 ClientSampled :
 B-6-MW-2MS

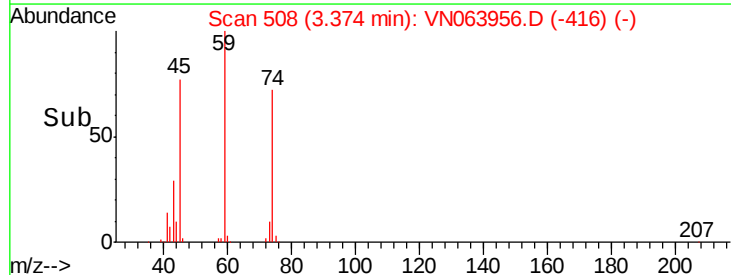
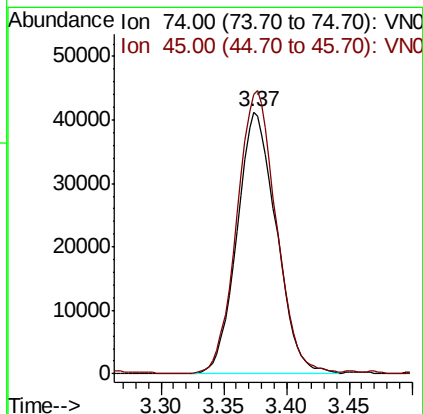
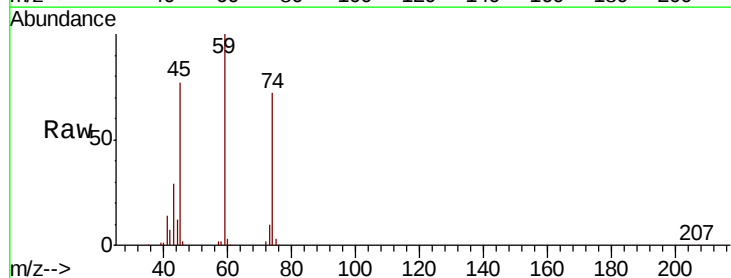
Tot Ion:101 Resp: 272017
 Ion Ratio Lower Upper
 101 100
 103 64.4 50.7 76.1

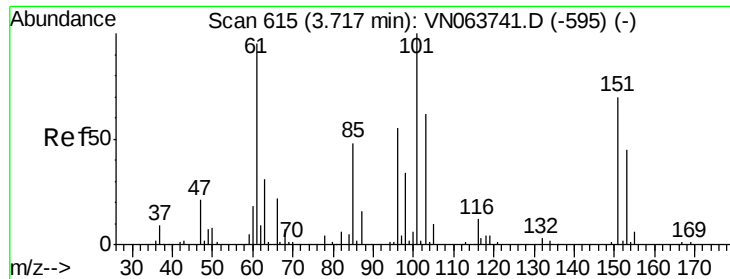


#8

Diethyl Ether
 Concen: 48.479 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN063956.D
 Acq: 7 Oct 2020 20:31

Tgt Ion: 74 Resp: 90001
 Ion Ratio Lower Upper
 74 100
 45 108.5 50.9 152.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.535 ug/l

RT: 3.72 min Scan# 617

Delta R.T. 0.01 min

Lab File: VN063956.D

Acq: 7 Oct 2020 20:31

Instrument :

MSVOA_N

ClientSampleId :

B-6-MW-2MS

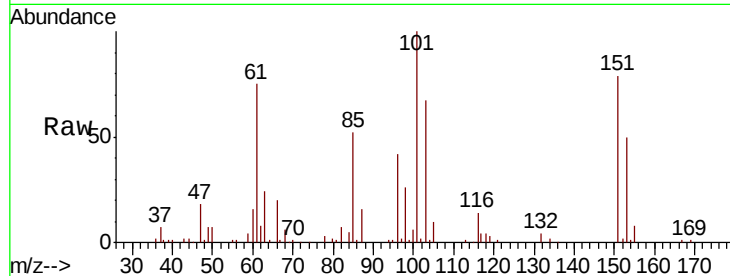
Tot Ion:101 Resp: 139470

Ion Ratio Lower Upper

101 100

85 49.2 38.6 58.0

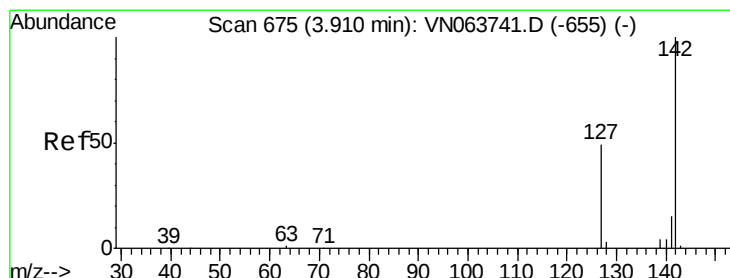
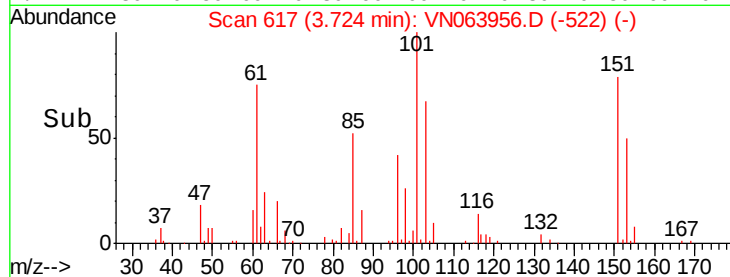
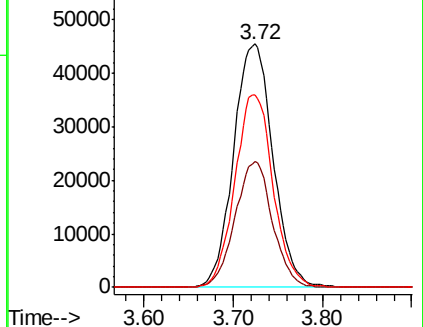
151 76.9 58.7 88.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 37.095 ug/l

RT: 3.91 min Scan# 676

Delta R.T. 0.00 min

Lab File: VN063956.D

Acq: 7 Oct 2020 20:31

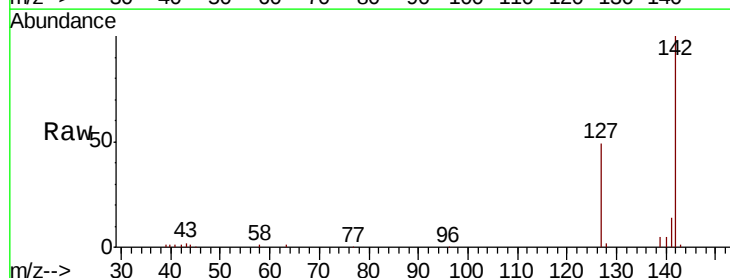
Tgt Ion:142 Resp: 126371

Ion Ratio Lower Upper

142 100

127 51.0 40.5 60.7

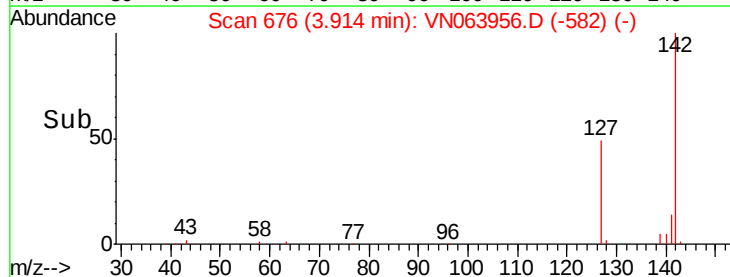
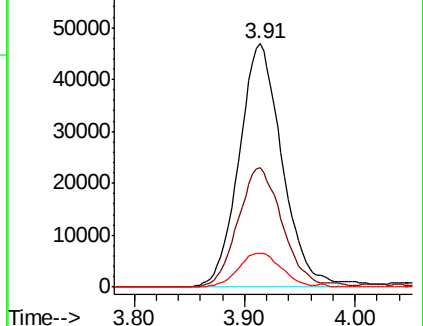
141 14.1 11.7 17.5

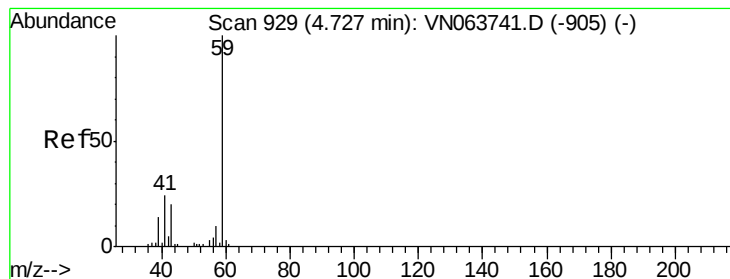


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



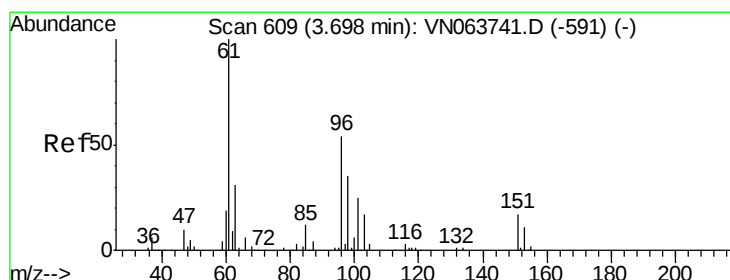
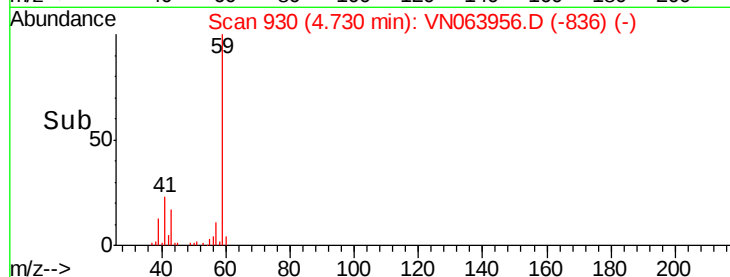
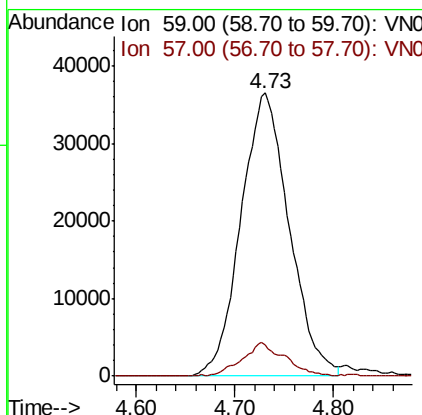
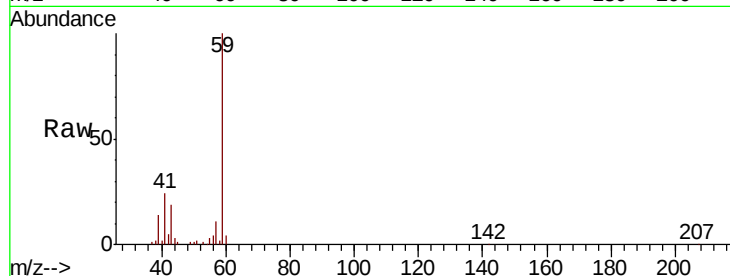


#11

Tert butyl alcohol
Concen: 243.318 ug/l
RT: 4.73 min Scan# 930
Delta R.T. 0.00 min
Lab File: VN063956.D
Acq: 7 Oct 2020 20:31

Instrument :
MSVOA_N
ClientSampled :
B-6-MW-2MS

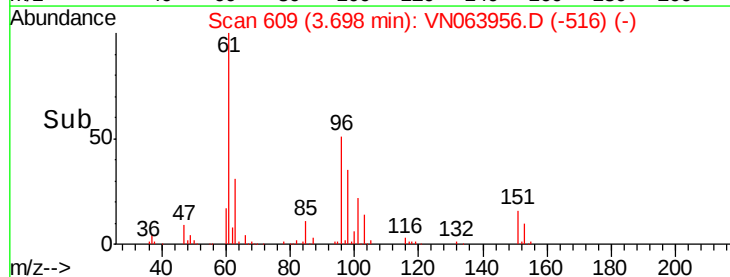
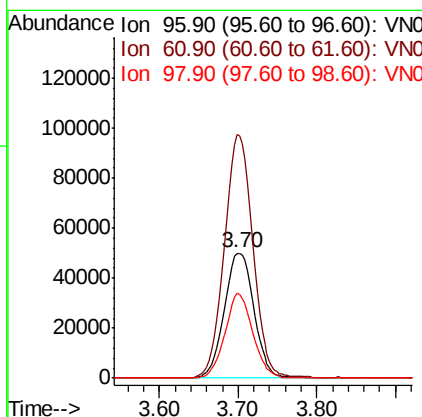
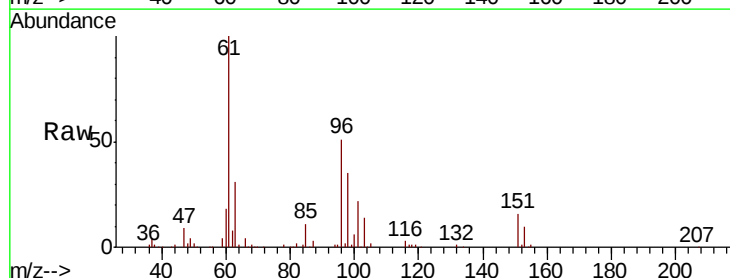
Tot Ion: 59 Resp: 123599
Ion Ratio Lower Upper
59 100
57 10.5 8.7 13.1

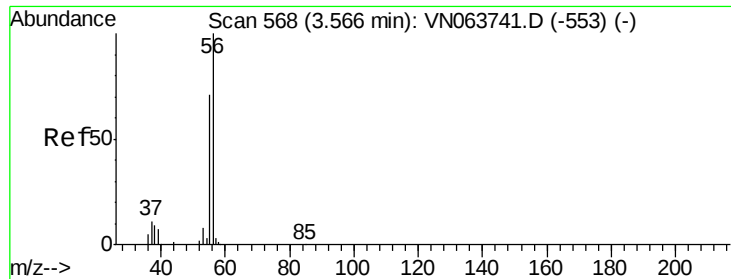


#12

1,1-Dichloroethene
Concen: 46.791 ug/l
RT: 3.70 min Scan# 609
Delta R.T. 0.00 min
Lab File: VN063956.D
Acq: 7 Oct 2020 20:31

Tgt Ion: 96 Resp: 131225
Ion Ratio Lower Upper
96 100
61 194.6 147.7 221.5
98 67.4 51.9 77.9

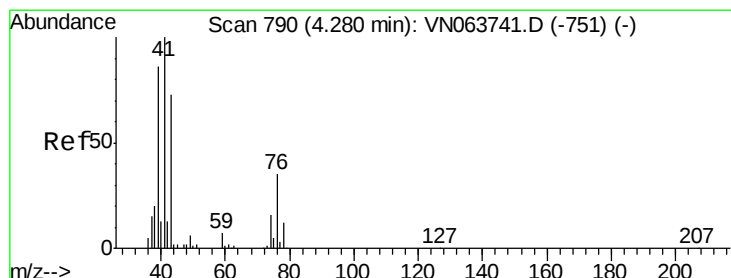
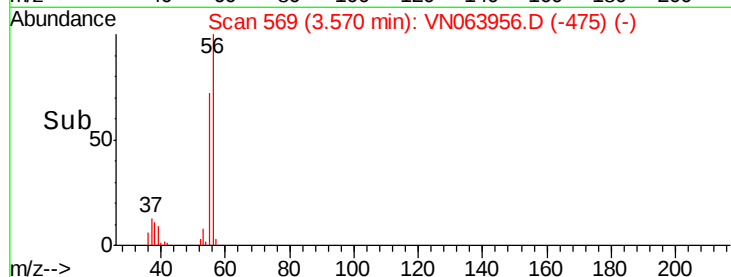
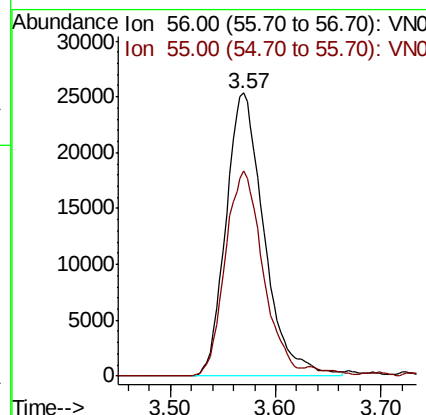
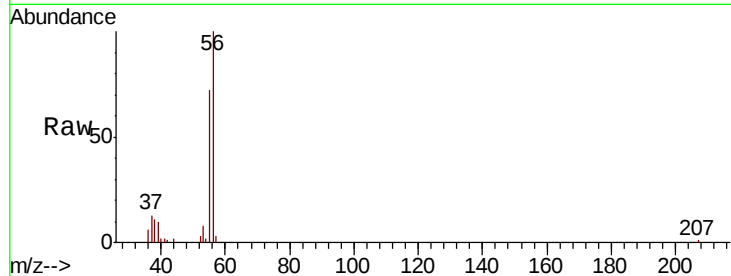




#13
 Acrolein
 Concen: 203.544 ug/l
 RT: 3.57 min Scan# 569
 Delta R.T. 0.00 min
 Lab File: VN063956.D
 Acq: 7 Oct 2020 20:31

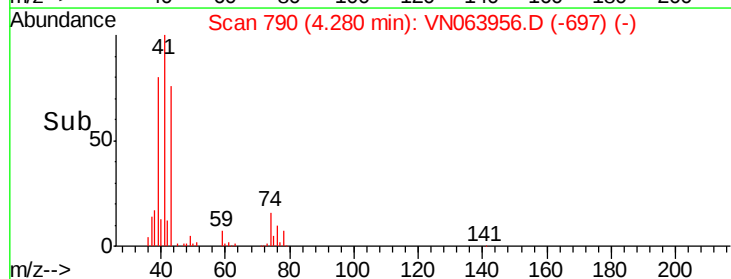
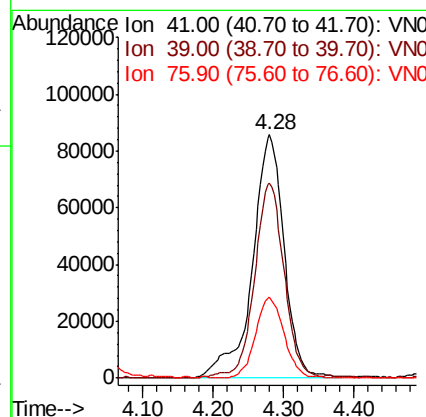
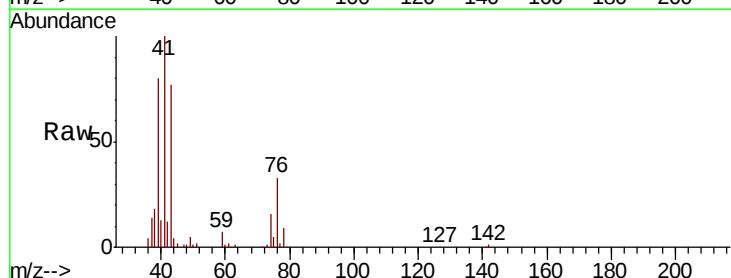
Instrument :
 MSVOA_N
 ClientSampleId :
 B-6-MW-2MS

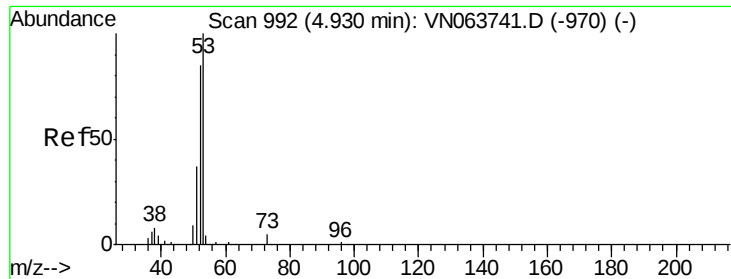
Tot Ion: 56 Resp: 63458
 Ion Ratio Lower Upper
 56 100
 55 71.6 56.9 85.3



#14
 Allyl chloride
 Concen: 51.055 ug/l
 RT: 4.28 min Scan# 790
 Delta R.T. 0.00 min
 Lab File: VN063956.D
 Acq: 7 Oct 2020 20:31

Tgt Ion: 41 Resp: 266005
 Ion Ratio Lower Upper
 41 100
 39 75.3 64.5 96.7
 76 29.6 25.9 38.9





#15

Acrylonitrile

Concen: 268.619 ug/l

RT: 4.93 min Scan# 993

Delta R.T. 0.00 min

Lab File: VN063956.D

Acq: 7 Oct 2020 20:31

Instrument :

MSVOA_N

ClientSampled :

B-6-MW-2MS

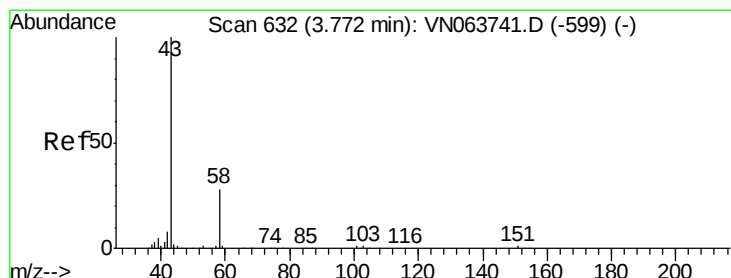
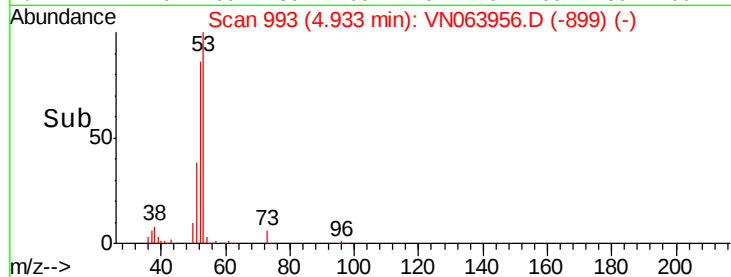
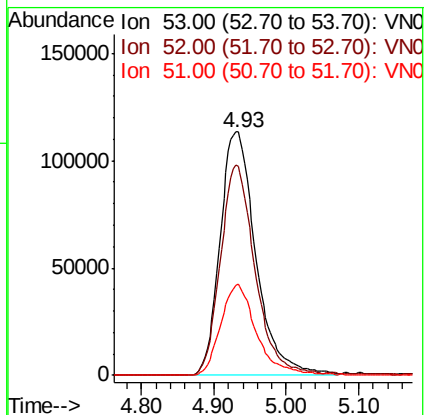
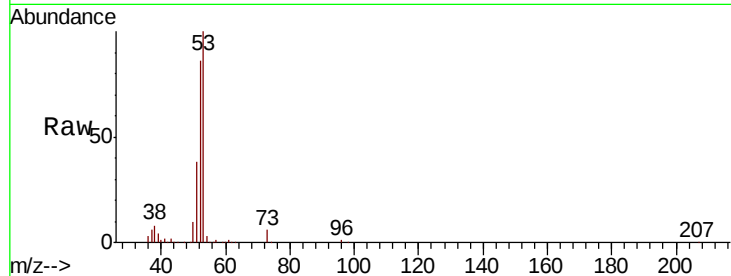
Tot Ion: 53 Resp: 390583

Ion Ratio Lower Upper

53 100

52 83.3 66.5 99.7

51 37.2 29.9 44.9



#16

Acetone

Concen: 256.373 ug/l

RT: 3.78 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN063956.D

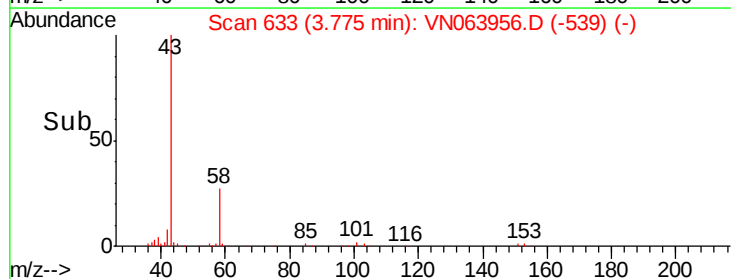
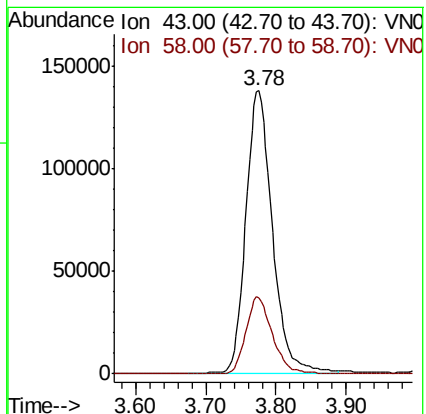
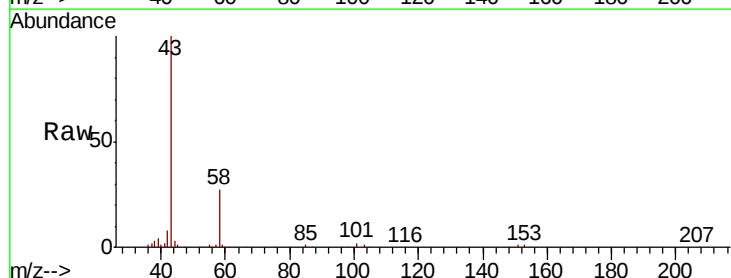
Acq: 7 Oct 2020 20:31

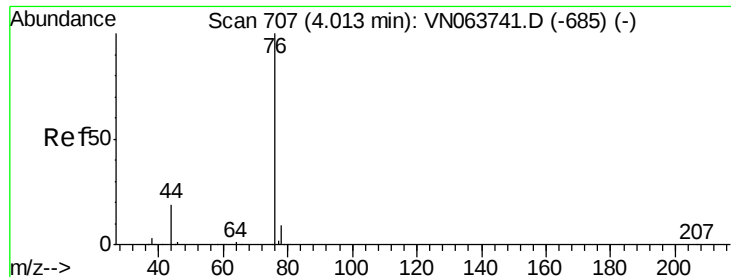
Tgt Ion: 43 Resp: 363116

Ion Ratio Lower Upper

43 100

58 27.0 22.3 33.5

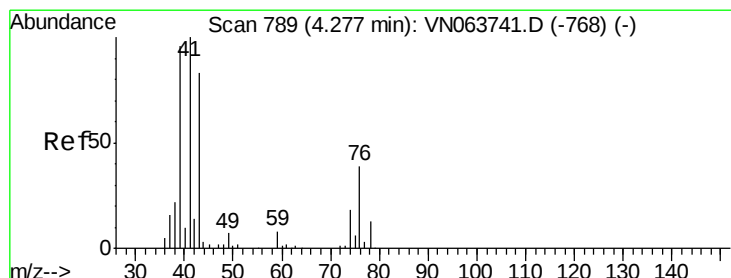
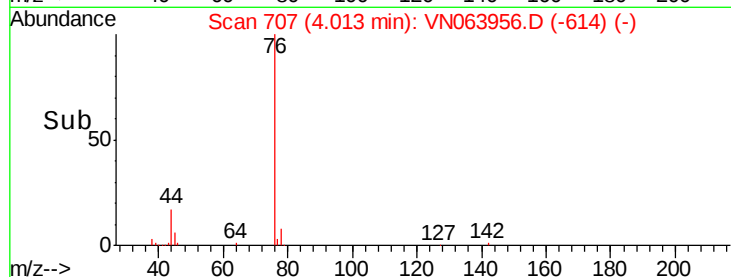
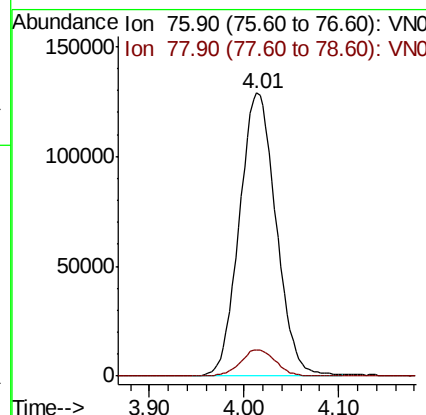
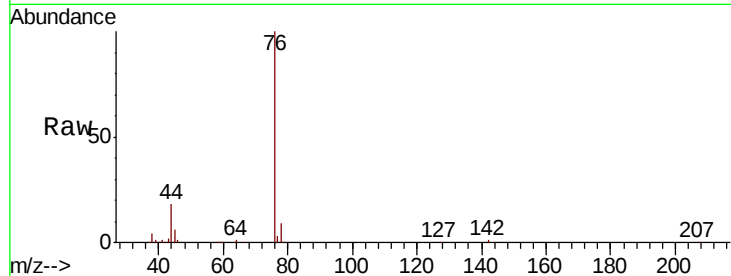




#17
Carbon Disulfide
Concen: 45.901 ug/l
RT: 4.01 min Scan# 707
Delta R.T. 0.00 min
Lab File: VN063956.D
Acq: 7 Oct 2020 20:31

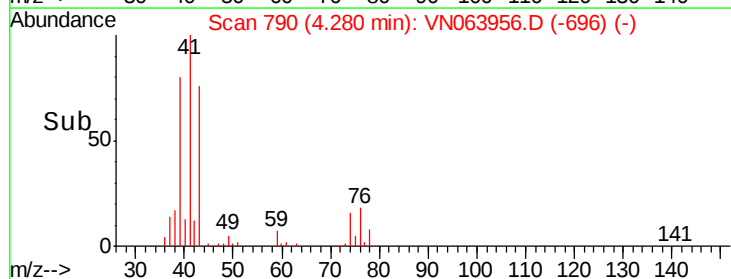
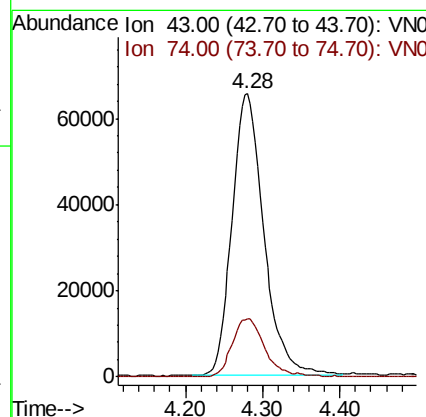
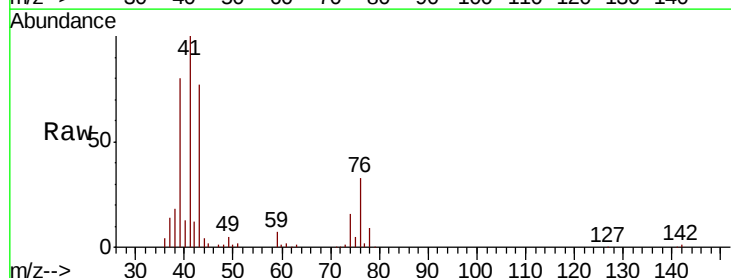
Instrument :
MSVOA_N
ClientSampleId :
B-6-MW-2MS

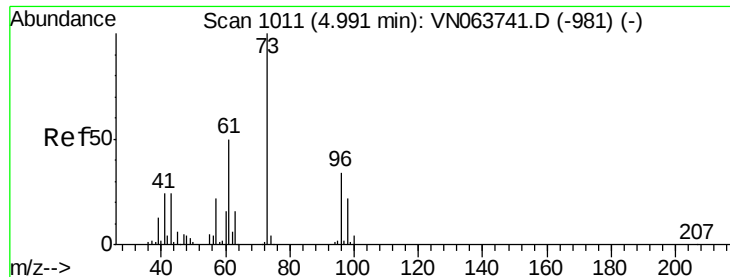
Tot Ion: 76 Resp: 347489
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.4



#18
Methyl Acetate
Concen: 50.996 ug/l
RT: 4.28 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN063956.D
Acq: 7 Oct 2020 20:31

Tgt Ion: 43 Resp: 187532
Ion Ratio Lower Upper
43 100
74 20.5 17.4 26.2

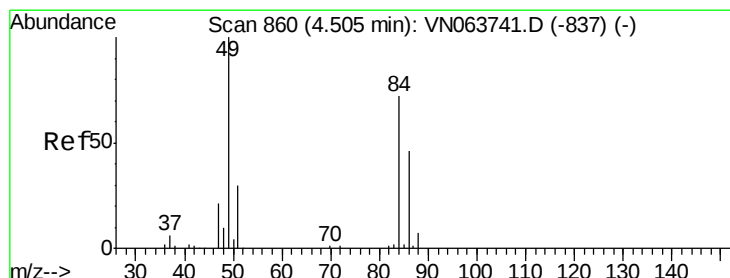
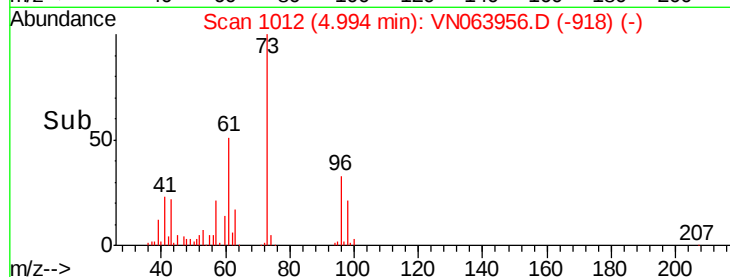
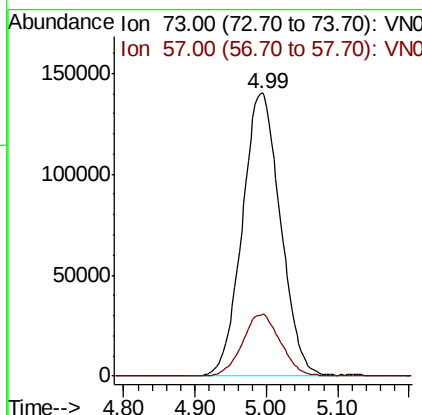
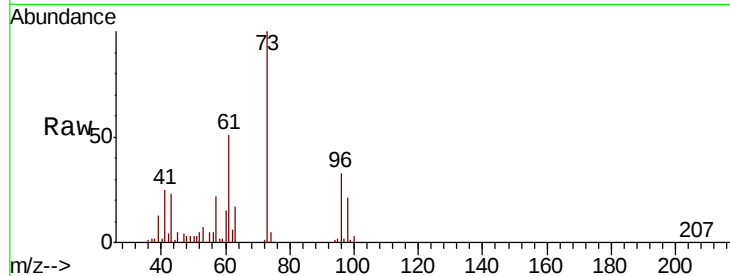




#19
Methvl tert-butvl Ether
Concen: 51.189 ug/l
RT: 4.99 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VN063956.D
Acq: 7 Oct 2020 20:31

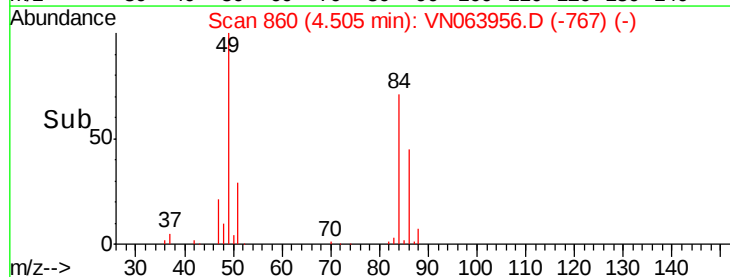
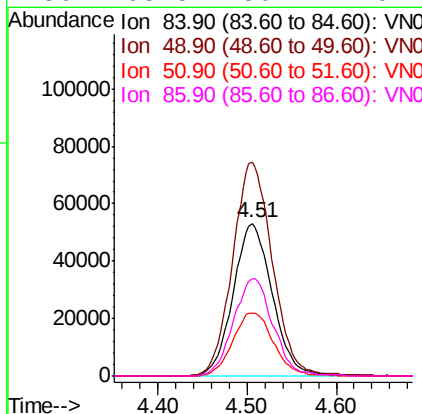
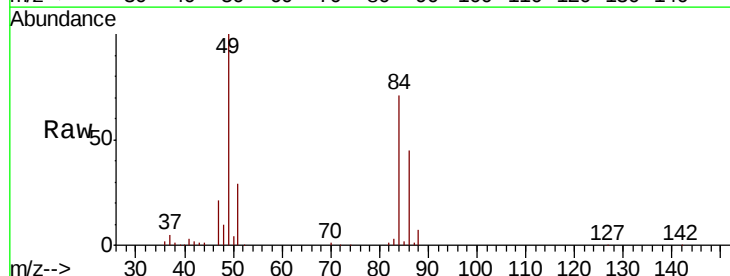
Instrument :
MSVOA_N
ClientSampleId :
B-6-MW-2MS

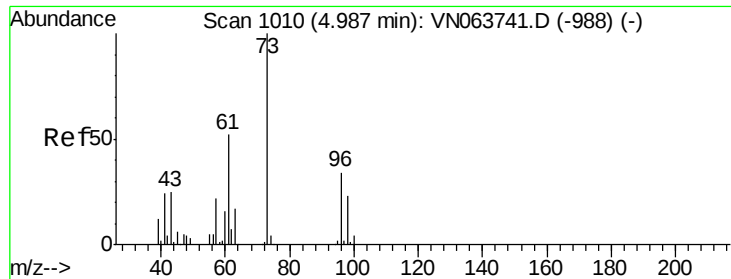
Tot Ion: 73 Resp: 521557
Ion Ratio Lower Upper
73 100
57 22.1 17.6 26.4



#20
Methylene Chloride
Concen: 49.741 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN063956.D
Acq: 7 Oct 2020 20:31

Tgt Ion: 84 Resp: 161365
Ion Ratio Lower Upper
84 100
49 139.7 110.4 165.6
51 41.2 33.3 49.9
86 63.5 50.7 76.1

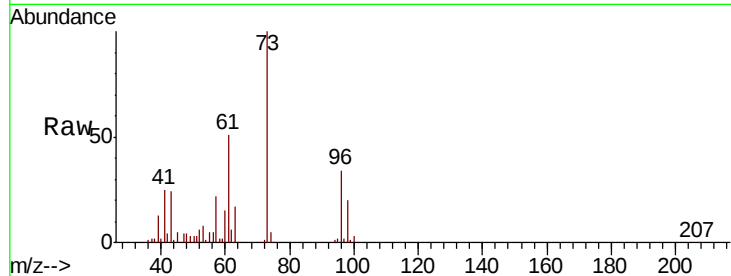




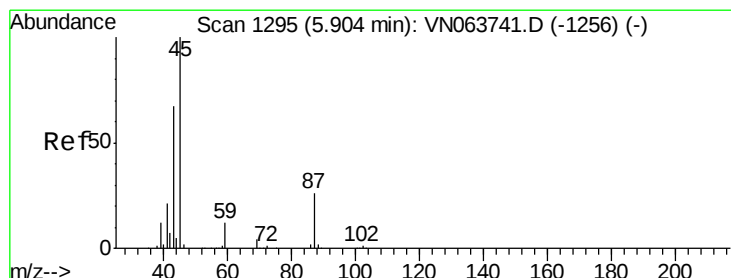
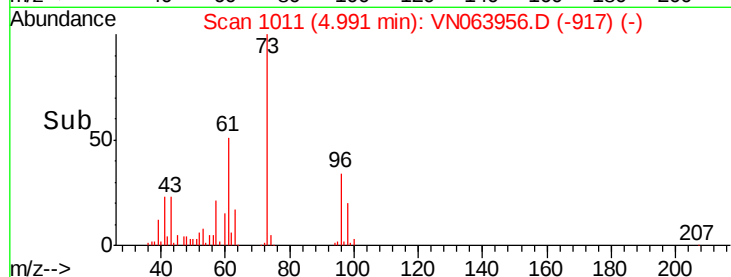
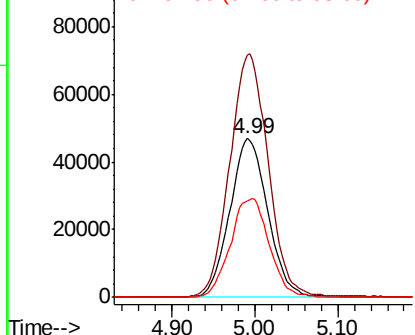
#21
trans-1,2-Dichloroethene
Concen: 47.549 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN063956.D
Acq: 7 Oct 2020 20:31

Instrument :
MSVOA_N
ClientSampleId :
B-6-MW-2MS

Tot Ion: 96 Resp: 149364
Ion Ratio Lower Upper
96 100
61 152.1 120.2 180.2
98 60.9 52.6 79.0

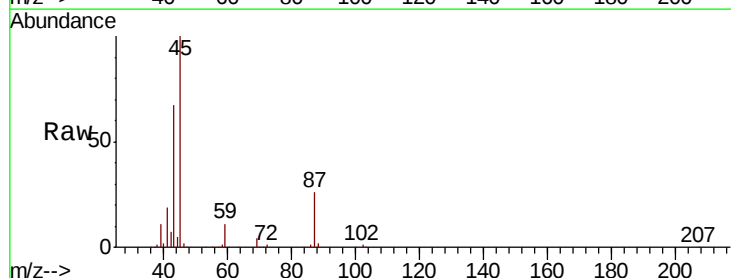


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

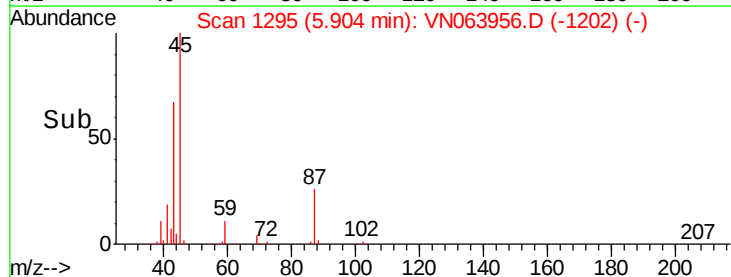
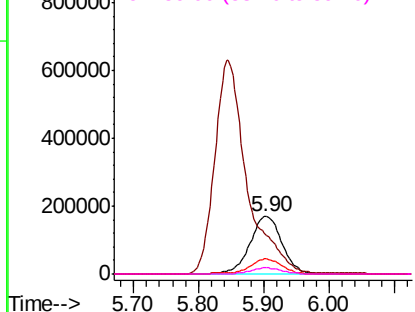


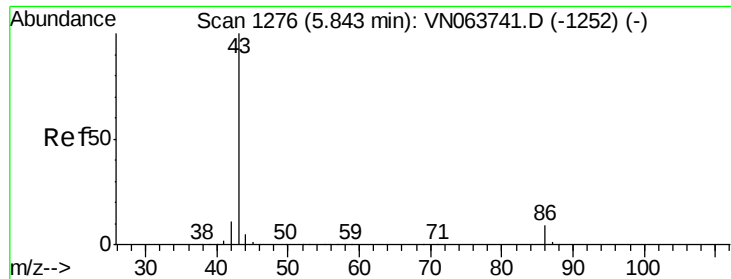
#22
Diisopropyl ether
Concen: 54.263 ug/l
RT: 5.90 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VN063956.D
Acq: 7 Oct 2020 20:31

Tgt Ion: 45 Resp: 581677
Ion Ratio Lower Upper
45 100
43 65.6 53.7 80.5
87 26.2 21.1 31.7
59 11.0 9.2 13.8



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0

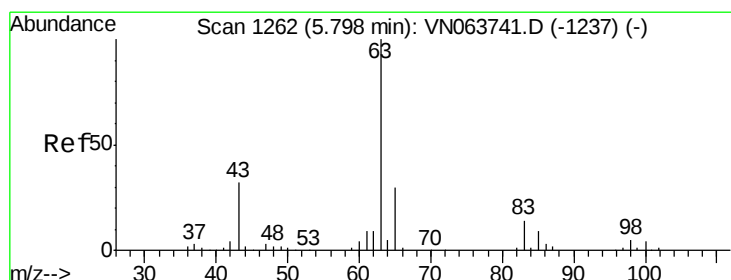
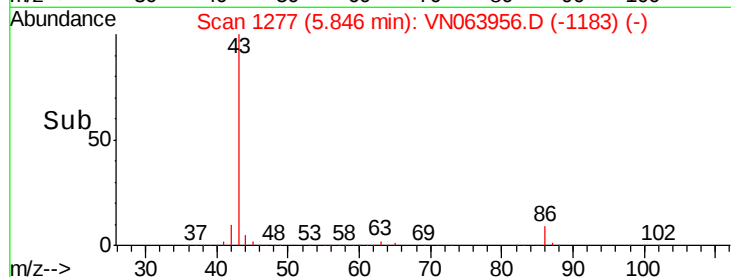
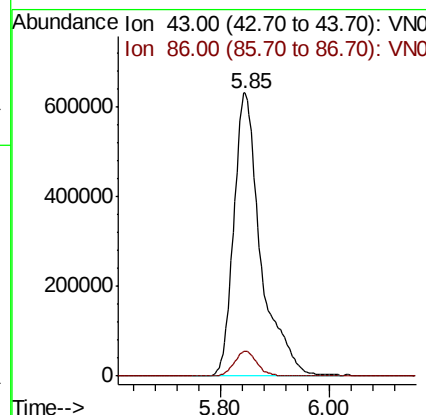
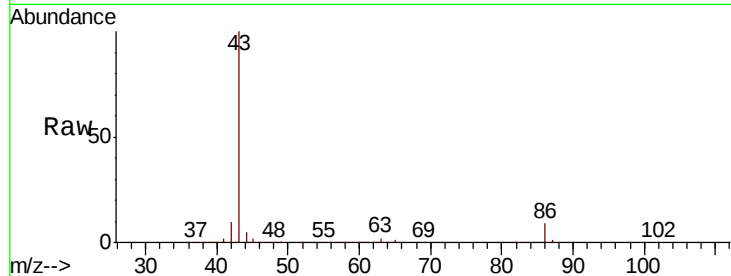




#23
 Vinyl Acetate
 Concen: 243.822 ug/l
 RT: 5.85 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VN063956.D
 Acq: 7 Oct 2020 20:31

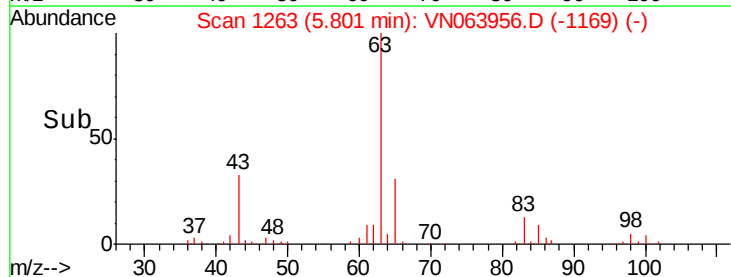
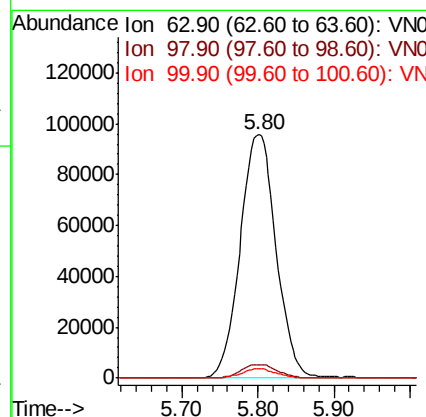
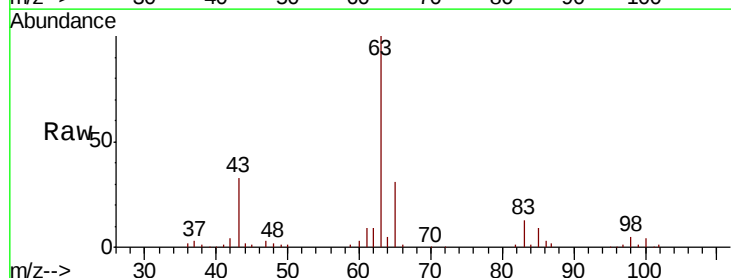
Instrument :
 MSVOA_N
 ClientSampleId :
 B-6-MW-2MS

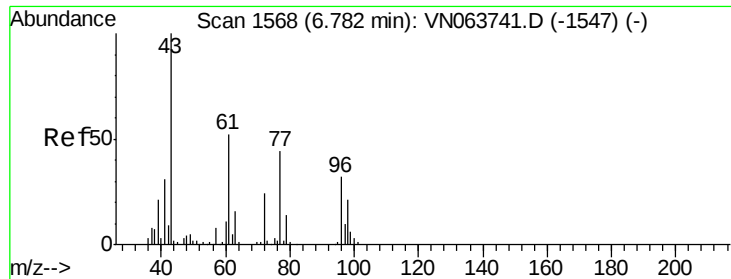
Tot Ion: 43 Resp: 2165063
 Ion Ratio Lower Upper
 43 100
 86 8.8 7.3 10.9



#24
 1,1-Dichloroethane
 Concen: 51.268 ug/l
 RT: 5.80 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: VN063956.D
 Acq: 7 Oct 2020 20:31

Tgt Ion: 63 Resp: 314229
 Ion Ratio Lower Upper
 63 100
 98 5.4 2.7 8.1
 100 3.9 1.9 5.7

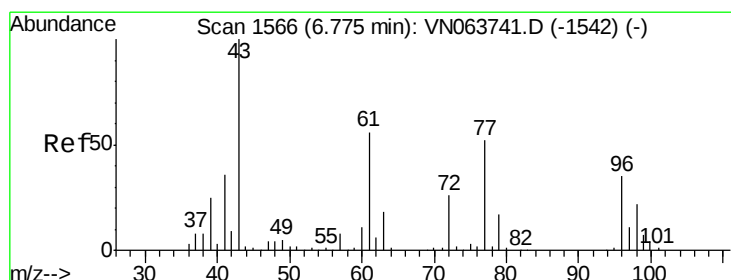
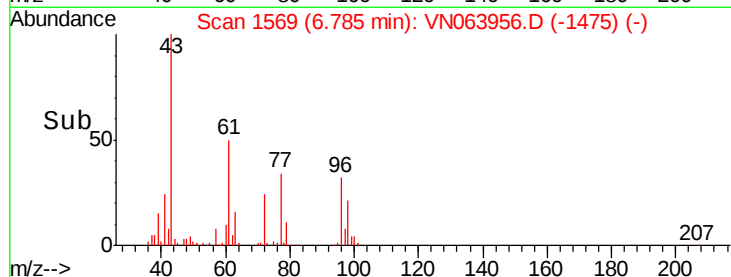
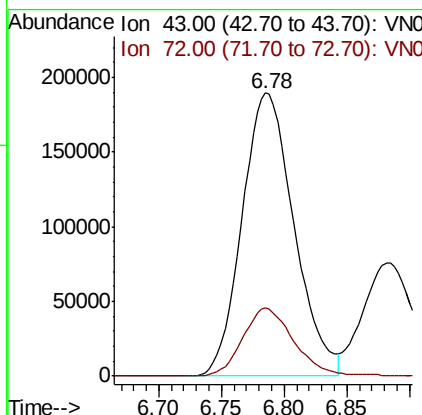
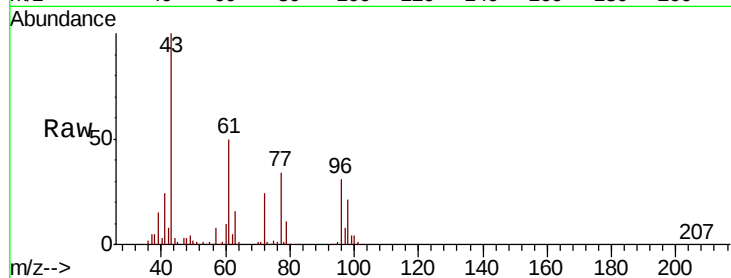




#25
2-Butanone
Concen: 270.561 ug/l
RT: 6.78 min Scan# 1569
Delta R.T. 0.00 min
Lab File: VN063956.D
Acq: 7 Oct 2020 20:31

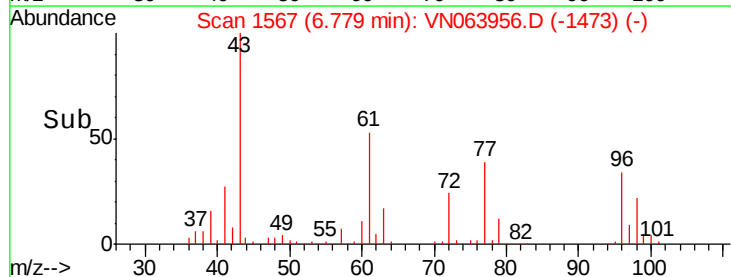
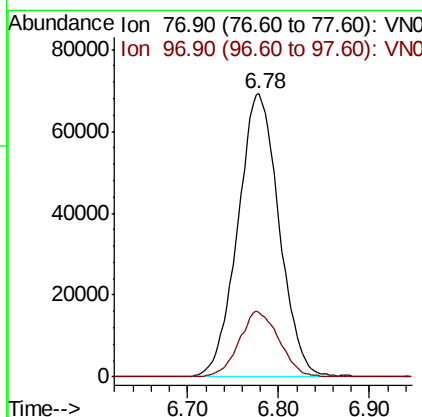
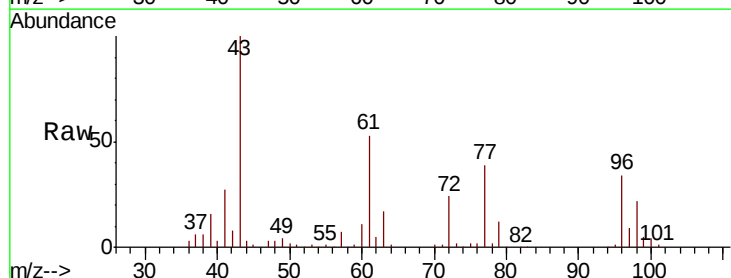
Instrument :
MSVOA_N
ClientSampleId :
B-6-MW-2MS

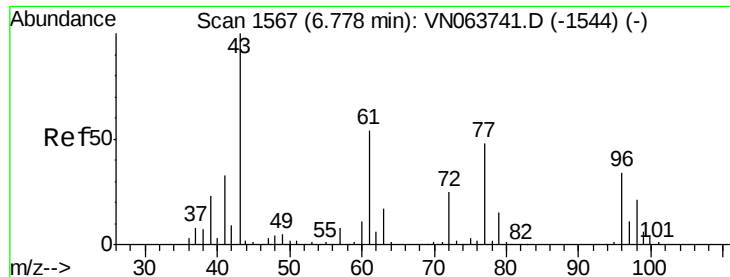
Tot Ion: 43 Resp: 543299
Ion Ratio Lower Upper
43 100
72 24.3 19.3 28.9



#26
2,2-Dichloropropane
Concen: 38.885 ug/l
RT: 6.78 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VN063956.D
Acq: 7 Oct 2020 20:31

Tgt Ion: 77 Resp: 218256
Ion Ratio Lower Upper
77 100
97 22.4 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 48.950 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN063956.D

Acq: 7 Oct 2020 20:31

Instrument :

MSVOA_N

ClientSampleId :

B-6-MW-2MS

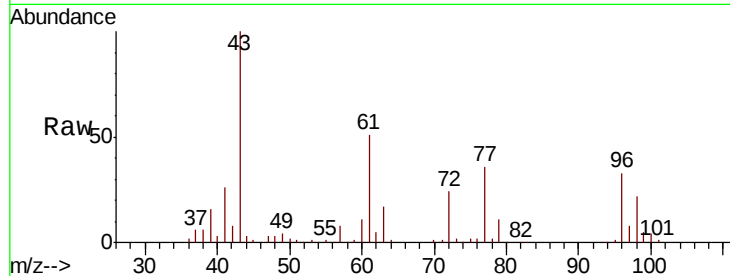
Tot Ion: 96 Resp: 176843

Ion Ratio Lower Upper

96 100

61 159.9 0.0 321.2

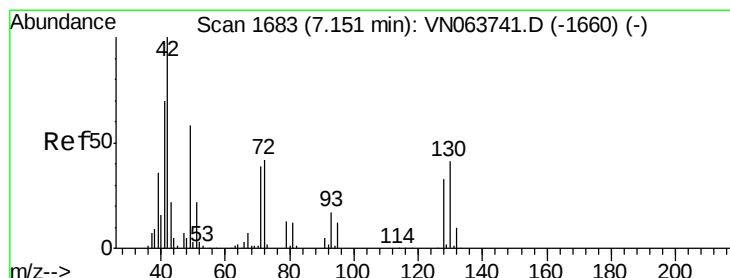
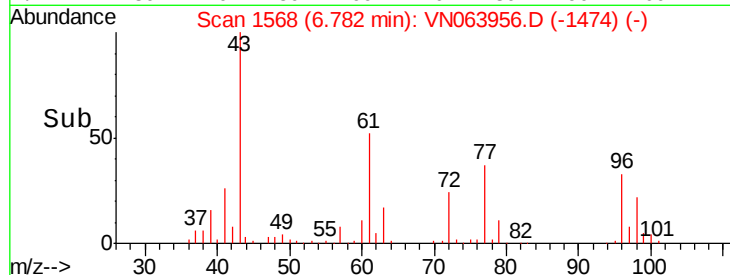
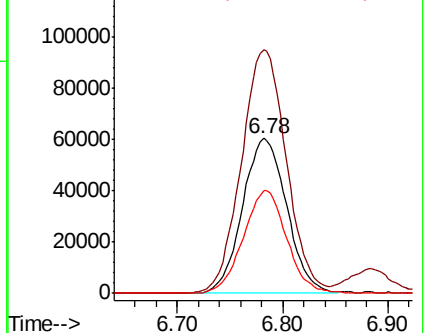
98 65.0 0.0 124.4



Abundance Ion 95.90 (95.60 to 96.60): VN063741.D (-1544) (-)

Ion 60.90 (60.60 to 61.60): VN063741.D (-1544) (-)

Ion 97.90 (97.60 to 98.60): VN063741.D (-1544) (-)



#28

Bromochloromethane

Concen: 51.803 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VN063956.D

Acq: 7 Oct 2020 20:31

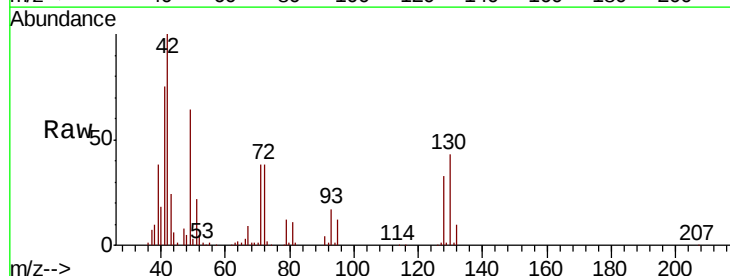
Tgt Ion: 49 Resp: 156927

Ion Ratio Lower Upper

49 100

129 0.8 0.0 4.8

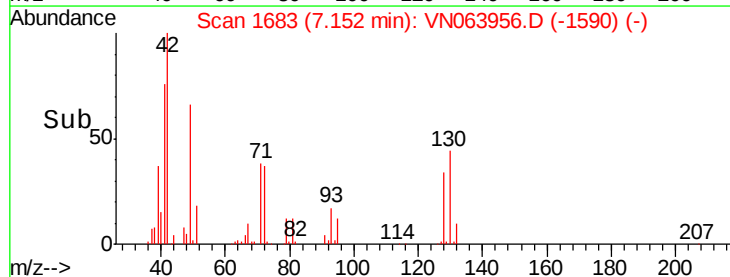
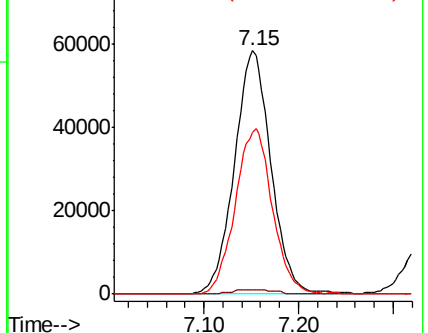
130 68.8 55.6 83.4

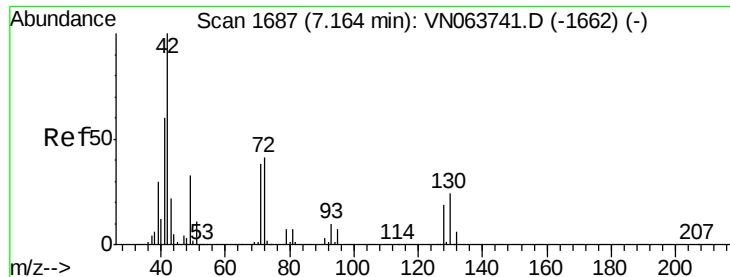


Abundance Ion 48.90 (48.60 to 49.60): VN063741.D (-1660) (-)

Ion 128.80 (128.50 to 129.50): VN063741.D (-1660) (-)

Ion 129.80 (129.50 to 130.50): VN063741.D (-1660) (-)





#29

Tetrahydrofuran

Concen: 272.019 ug/l

RT: 7.17 min Scan# 1688

Delta R.T. 0.00 min

Lab File: VN063956.D

Acq: 7 Oct 2020 20:31

Instrument :

MSVOA_N

ClientSampleId :

B-6-MW-2MS

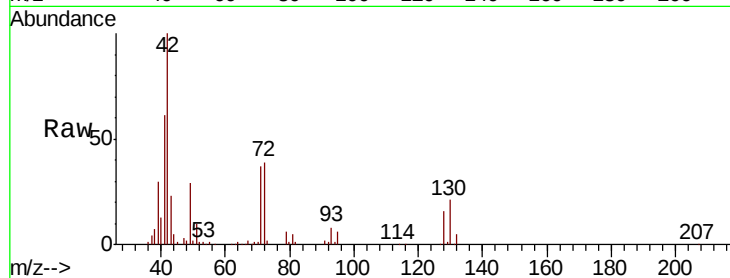
Tot Ion: 42 Resp: 366350

Ion Ratio Lower Upper

42 100

72 38.8 32.8 49.2

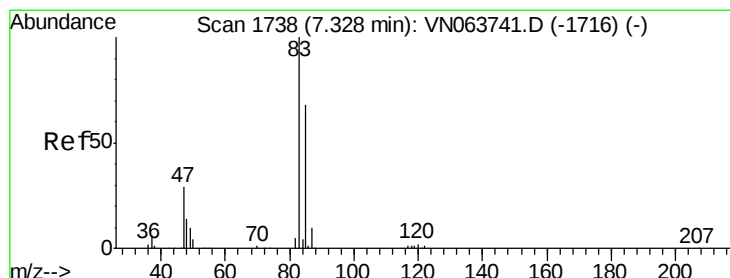
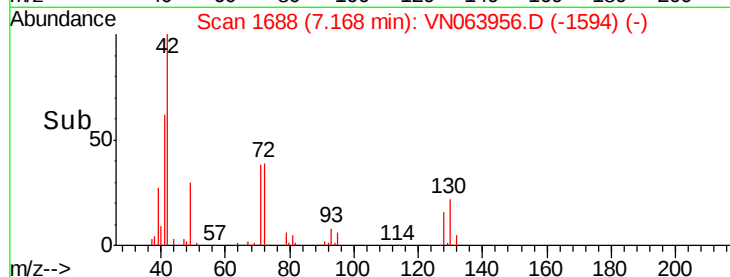
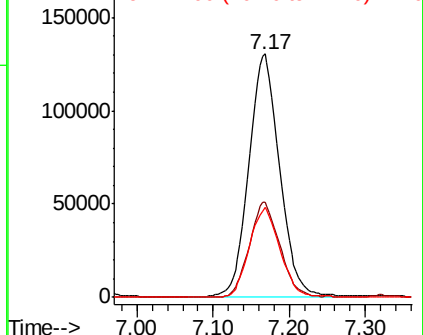
71 36.8 30.6 45.8



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 50.997 ug/l

RT: 7.33 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VN063956.D

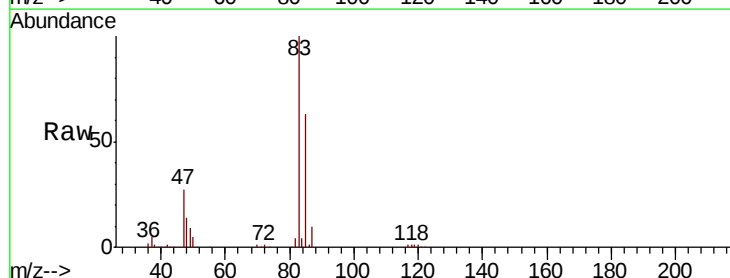
Acq: 7 Oct 2020 20:31

Tgt Ion: 83 Resp: 325908

Ion Ratio Lower Upper

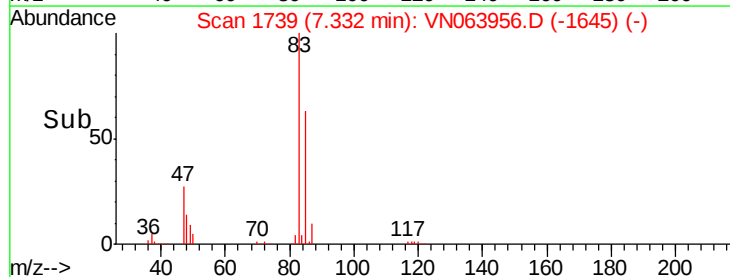
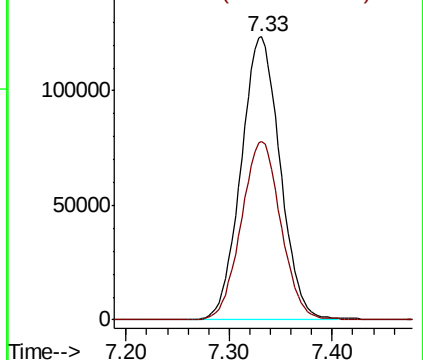
83 100

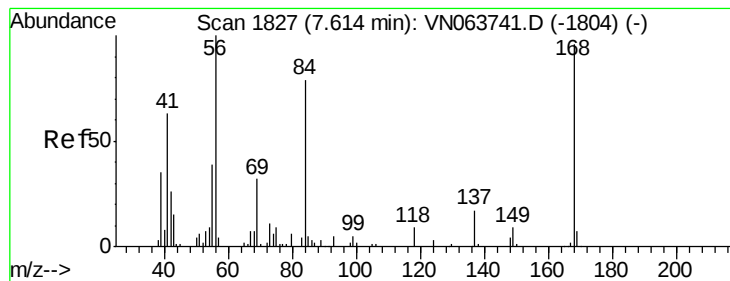
85 63.1 54.6 82.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 46.566 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN063956.D

Acq: 7 Oct 2020 20:31

Instrument :

MSVOA_N

ClientSampleId :

B-6-MW-2MS

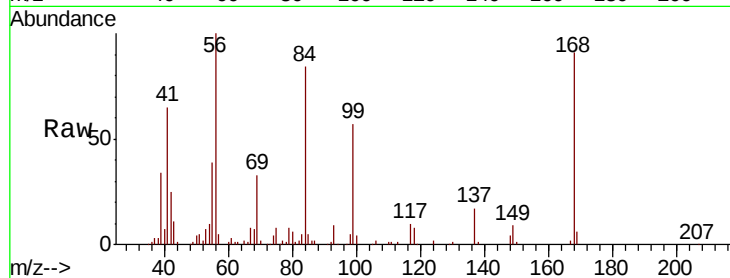
Tot Ion: 56 Resp: 248736

Ion Ratio Lower Upper

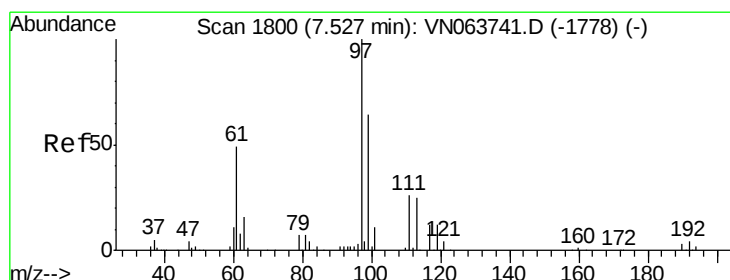
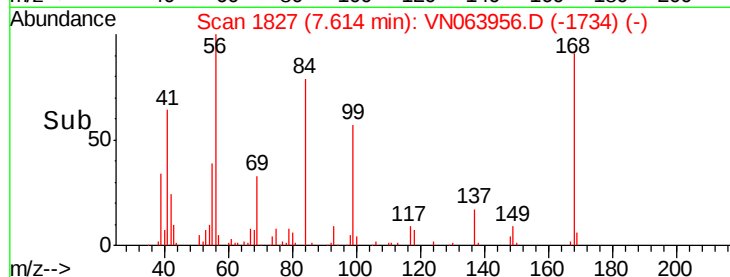
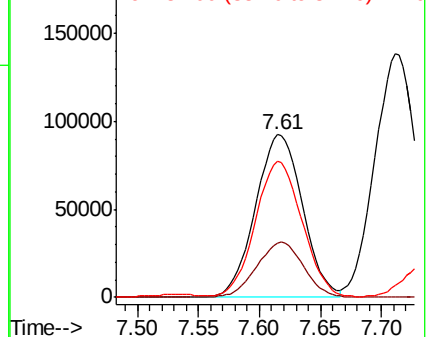
56 100

69 33.4 25.4 38.2

84 82.1 63.3 94.9



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



#32

1,1,1-Trichloroethane

Concen: 50.385 ug/l

RT: 7.53 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN063956.D

Acq: 7 Oct 2020 20:31

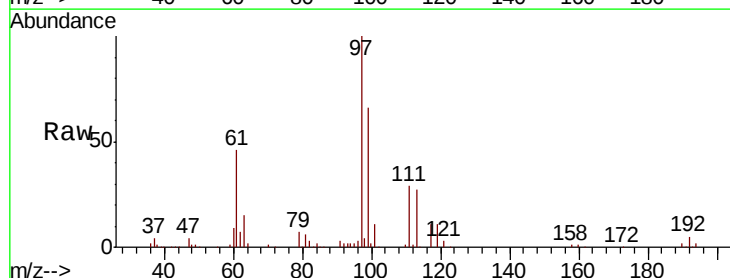
Tgt Ion: 97 Resp: 290437

Ion Ratio Lower Upper

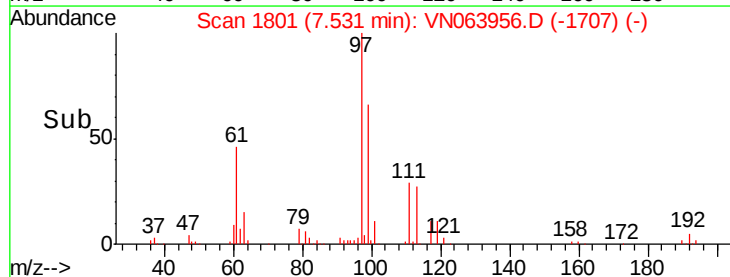
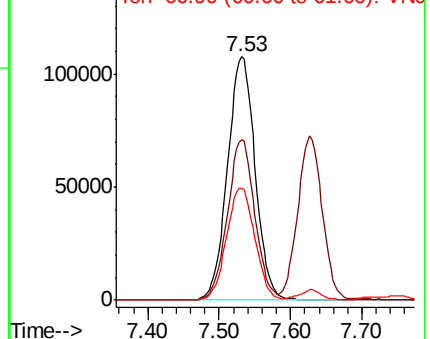
97 100

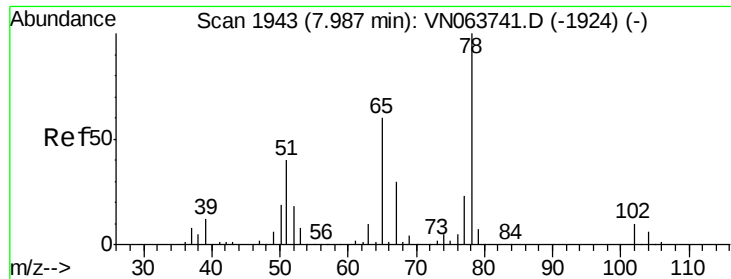
99 64.9 51.0 76.6

61 47.2 38.7 58.1



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

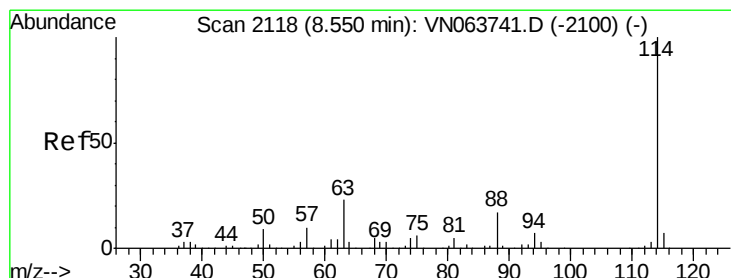
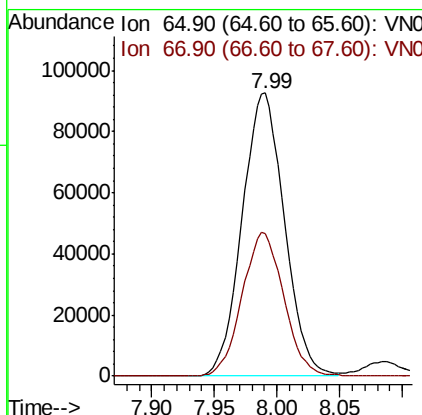
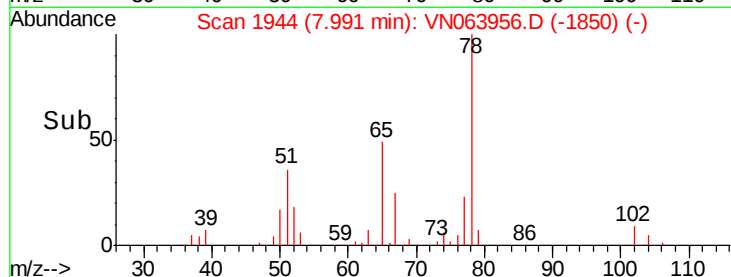
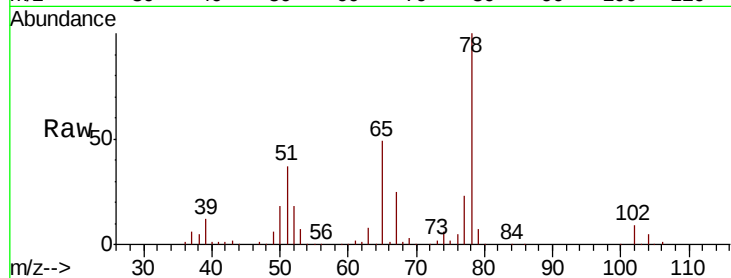




#33
 1,2-Dichloroethane-d4
 Concen: 47.238 ug/l
 RT: 7.99 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: VN063956.D
 Acq: 7 Oct 2020 20:31

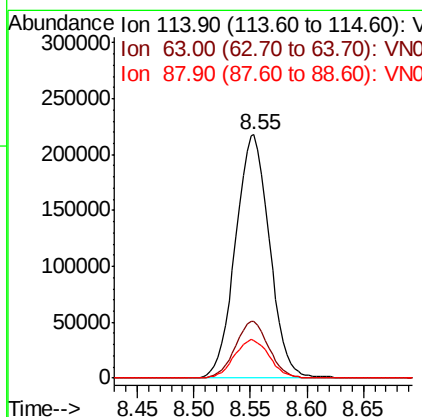
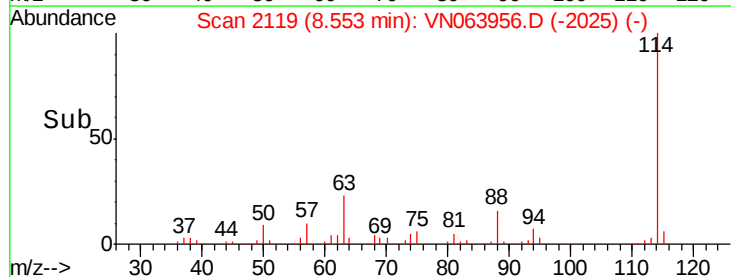
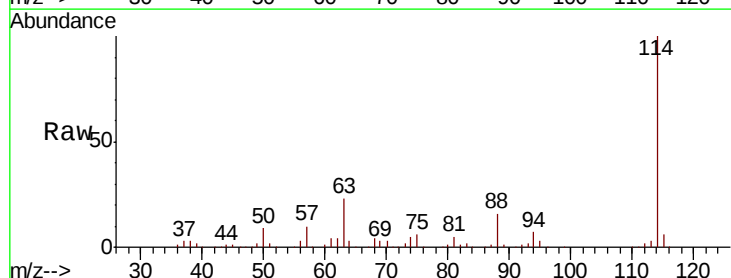
Instrument :
 MSVOA_N
 ClientSampleId :
 B-6-MW-2MS

Tot Ion: 65 Resp: 217343
 Ion Ratio Lower Upper
 65 100
 67 50.0 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN063956.D
 Acq: 7 Oct 2020 20:31

Tgt Ion: 114 Resp: 457179
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 45.0
 88 15.6 0.0 34.0

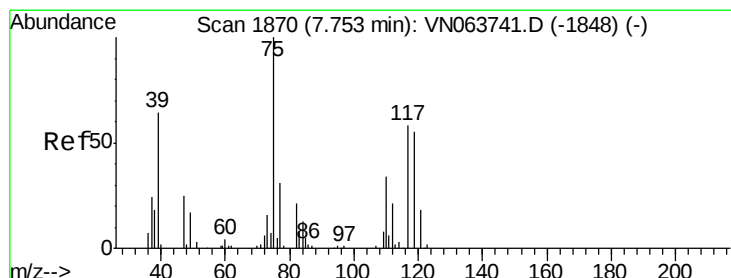
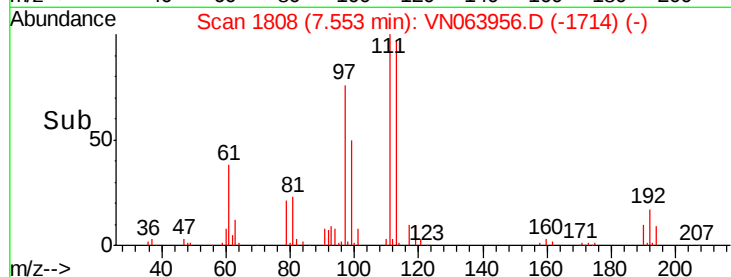
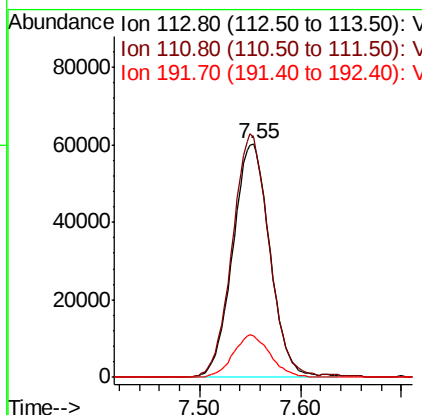
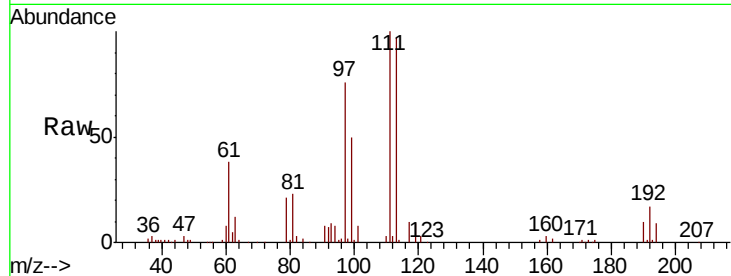




#35
 Dibromofluoromethane
 Concen: 48.411 ug/l
 RT: 7.55 min Scan# 1808
 Delta R.T. 0.00 min
 Lab File: VN063956.D
 Acq: 7 Oct 2020 20:31

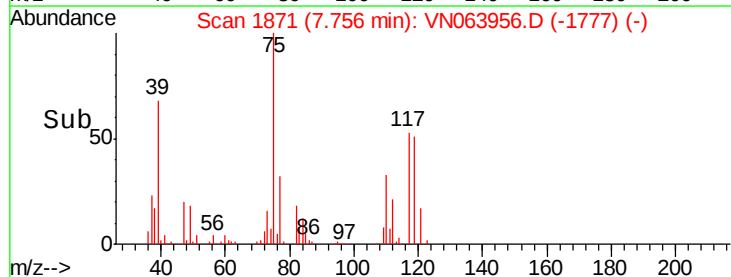
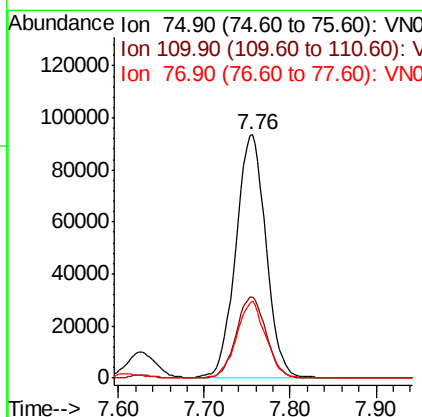
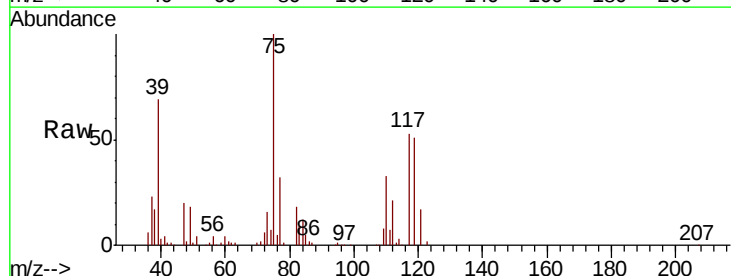
Instrument :
 MSVOA_N
 ClientSampleId :
 B-6-MW-2MS

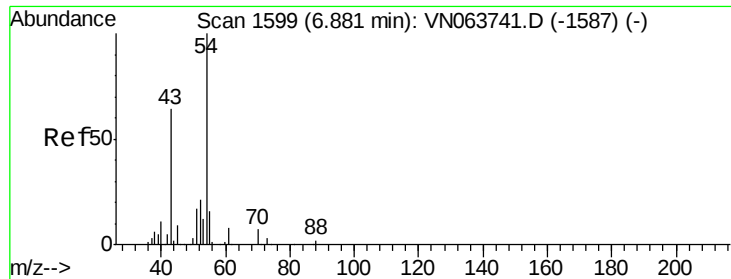
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.8	122.8
192	18.0	14.2	21.2



#36
 1,1-Dichloropropene
 Concen: 48.968 ug/l
 RT: 7.76 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: VN063956.D
 Acq: 7 Oct 2020 20:31

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.3	16.9	50.6
77	31.0	24.5	36.7

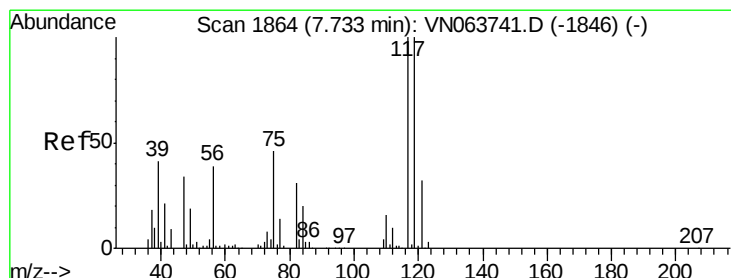
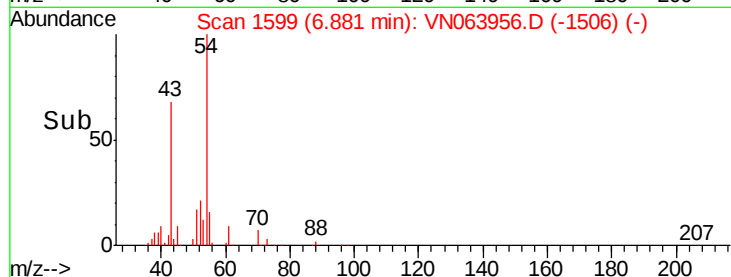
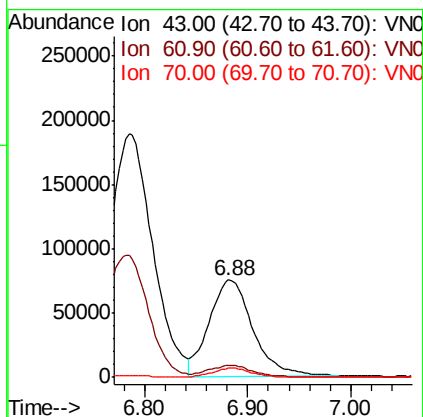
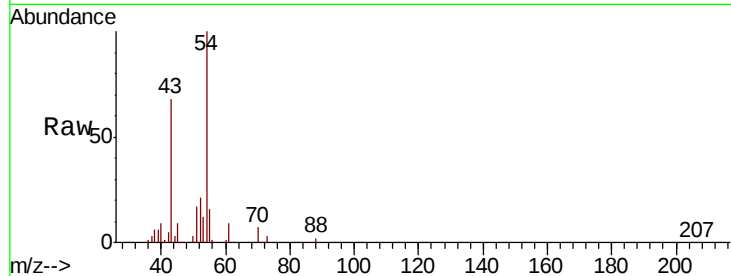




#37
Ethyl Acetate
Concen: 47.986 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VN063956.D
Acq: 7 Oct 2020 20:31

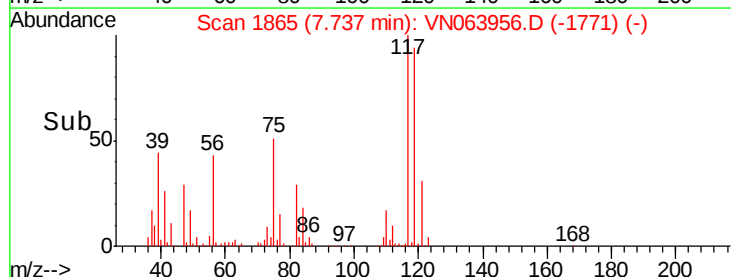
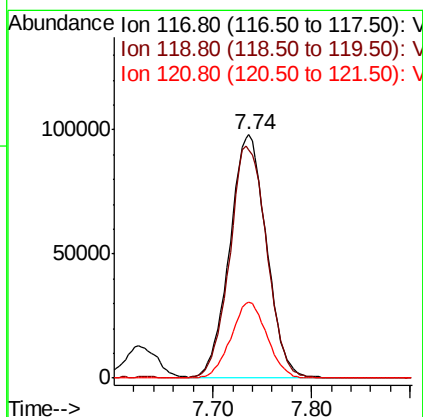
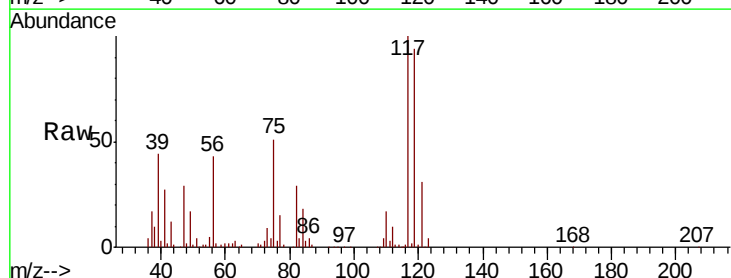
Instrument :
MSVOA_N
ClientSampled :
B-6-MW-2MS

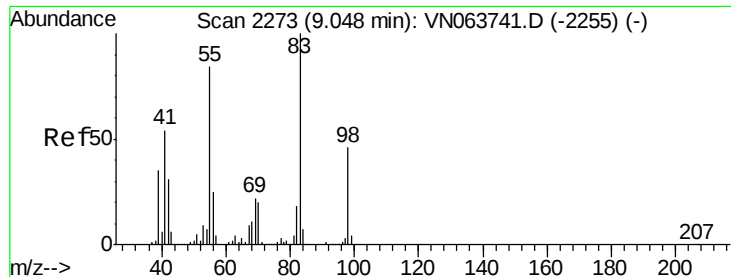
Tot Ion: 43 Resp: 220814
Ion Ratio Lower Upper
43 100
61 12.4 10.4 15.6
70 8.8 7.3 10.9



#38
Carbon Tetrachloride
Concen: 48.790 ug/l
RT: 7.74 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN063956.D
Acq: 7 Oct 2020 20:31

Tgt Ion: 117 Resp: 253401
Ion Ratio Lower Upper
117 100
119 93.9 80.1 120.1
121 31.1 25.7 38.5

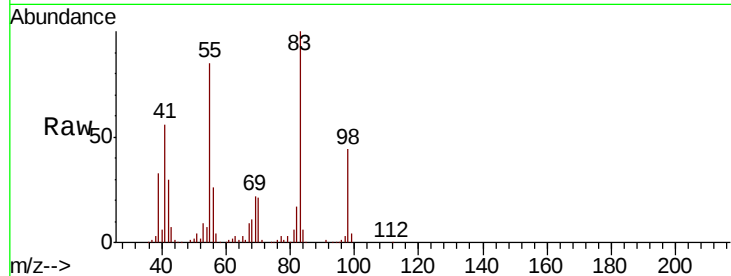




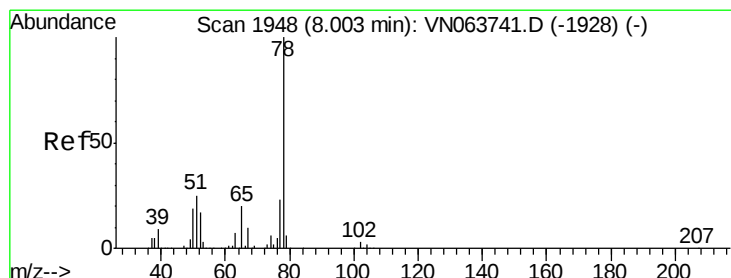
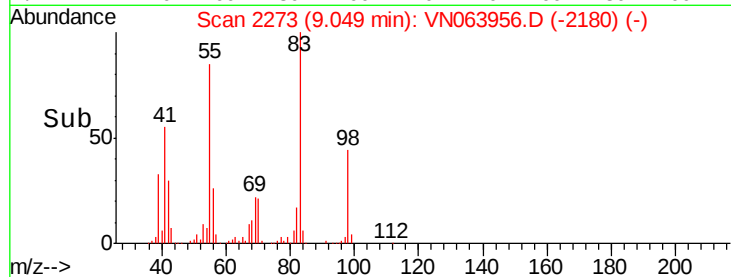
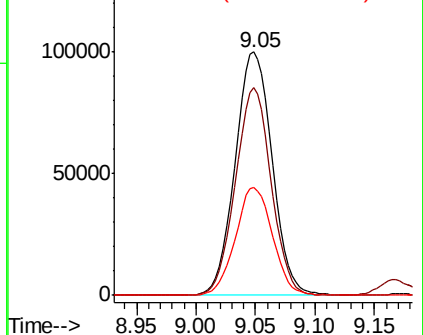
#39
Methvlcvclohexane
Concen: 46.647 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN063956.D
Acq: 7 Oct 2020 20:31

Instrument :
MSVOA_N
ClientSampleId :
B-6-MW-2MS

Tot Ion: 83 Resp: 215457
Ion Ratio Lower Upper
83 100
55 85.3 67.1 100.7
98 44.1 36.6 54.8

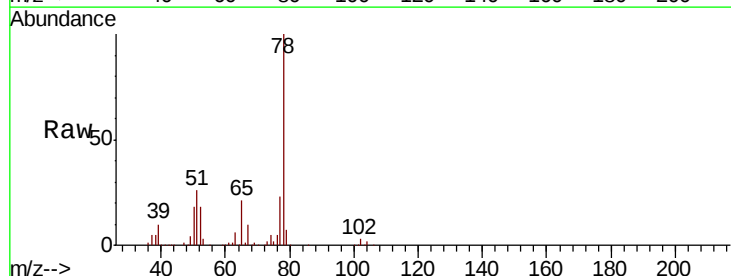


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

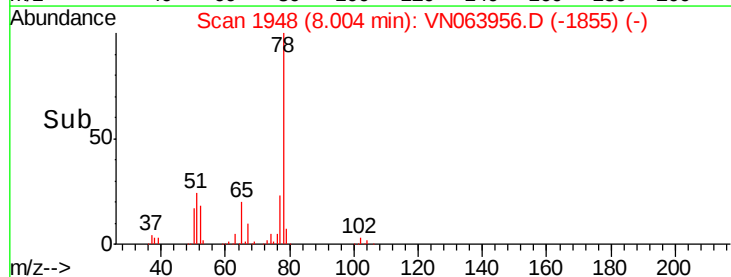
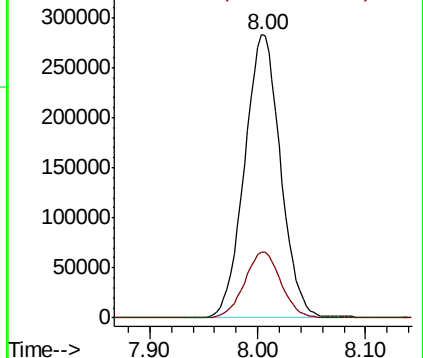


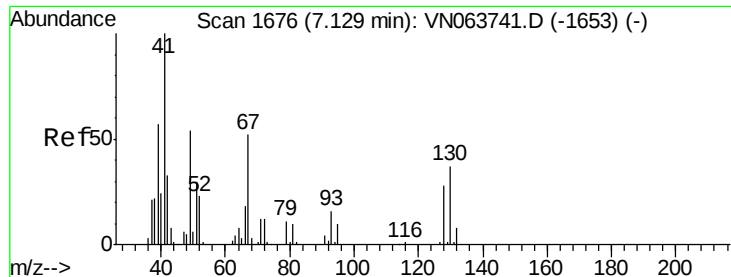
#40
Benzene
Concen: 49.621 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063956.D
Acq: 7 Oct 2020 20:31

Tgt Ion: 78 Resp: 656448
Ion Ratio Lower Upper
78 100
77 23.3 18.7 28.1



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

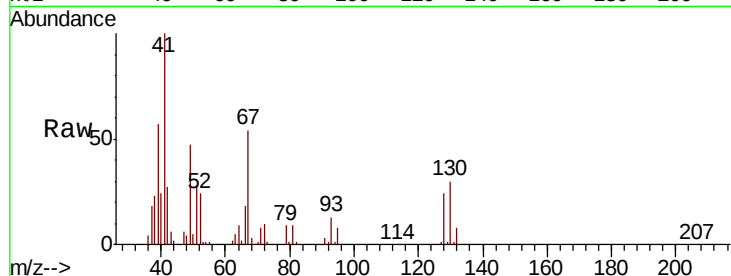




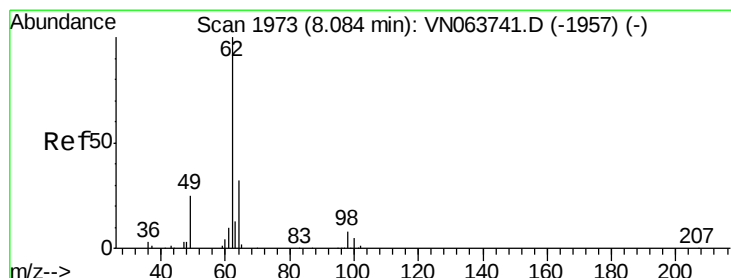
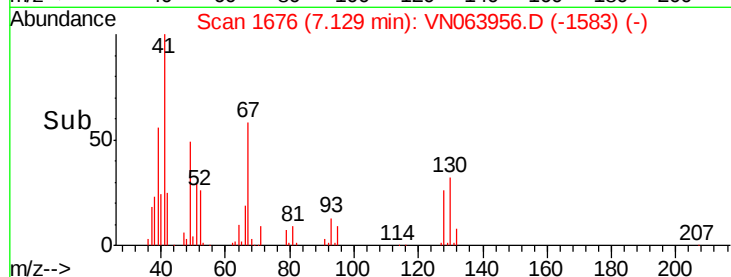
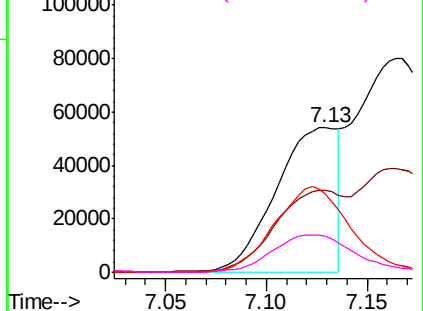
#41
Methacrylonitrile
Concen: 56.411 ug/l
RT: 7.13 min Scan# 1676
Delta R.T. 0.00 min
Lab File: VN063956.D
Acq: 7 Oct 2020 20:31

Instrument :
MSVOA_N
ClientSampled :
B-6-MW-2MS

Tot Ion: 41 Resp: 115368
Ion Ratio Lower Upper
41 100
39 60.8 42.5 63.7
67 74.0 57.4 86.2
52 34.8 26.9 40.3

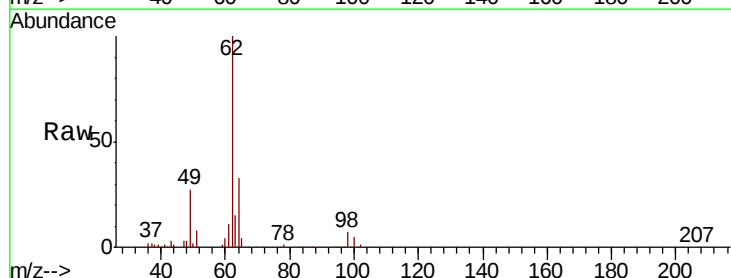


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

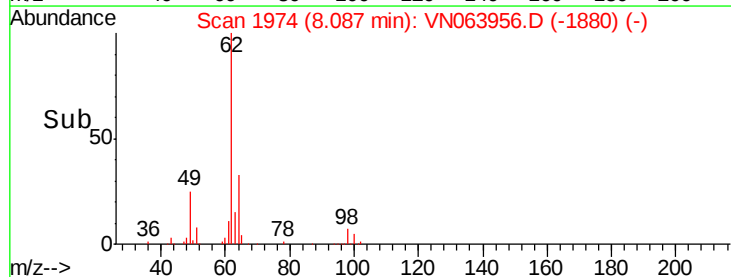
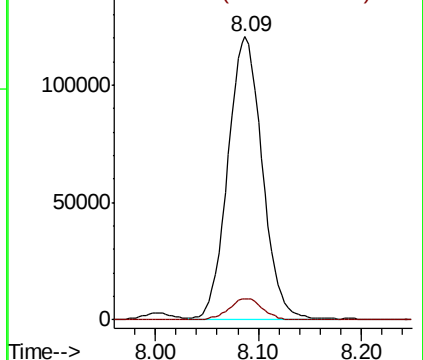


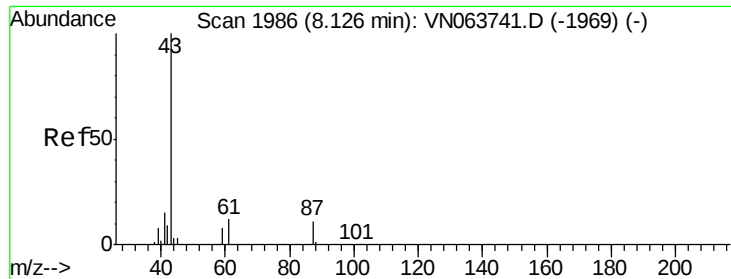
#42
1,2-Dichloroethane
Concen: 49.359 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN063956.D
Acq: 7 Oct 2020 20:31

Tgt Ion: 62 Resp: 278737
Ion Ratio Lower Upper
62 100
98 7.3 0.0 15.0



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





#43

Isopropyl Acetate

Concen: 51.424 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN063956.D

Acq: 7 Oct 2020 20:31

Instrument :

MSVOA_N

ClientSampleId :

B-6-MW-2MS

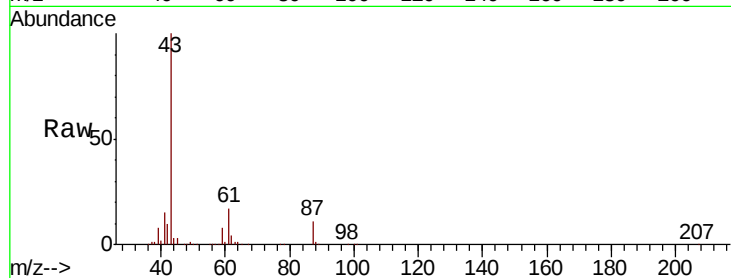
Tot Ion: 43 Resp: 390321

Ion Ratio Lower Upper

43 100

61 17.3 14.2 21.4

87 11.1 9.0 13.6

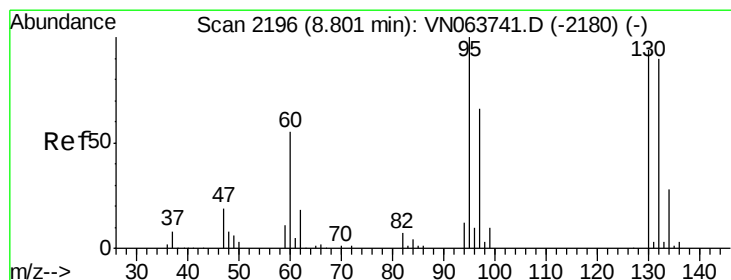
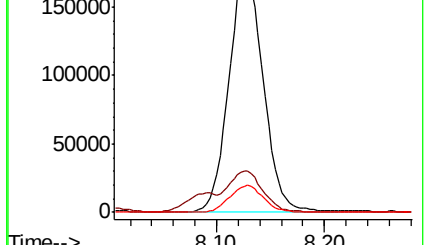
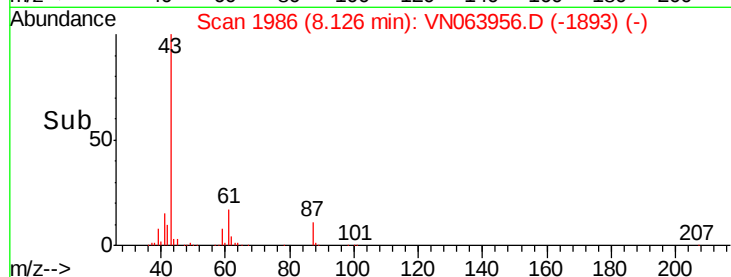


Abundance Ion 43.00 (42.70 to 43.70): VN063741.D (-1969) (-)

Ion 61.00 (60.70 to 61.70): VN063741.D (-1969) (-)

Ion 87.00 (86.70 to 87.70): VN063741.D (-1969) (-)

8.13



#44

Trichloroethene

Concen: 48.221 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN063956.D

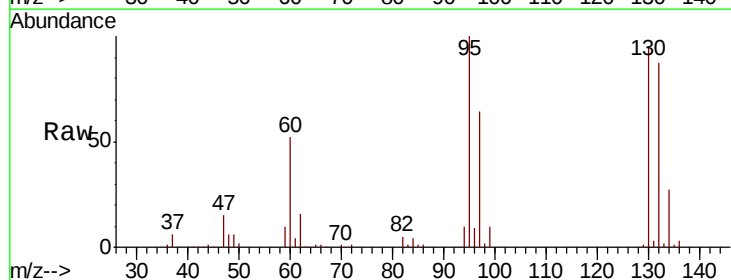
Acq: 7 Oct 2020 20:31

Tgt Ion:130 Resp: 167144

Ion Ratio Lower Upper

130 100

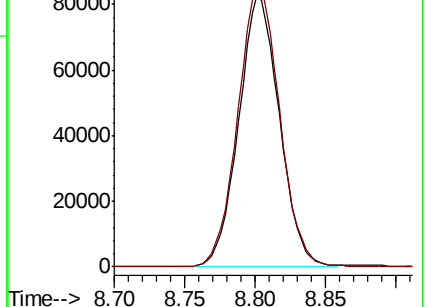
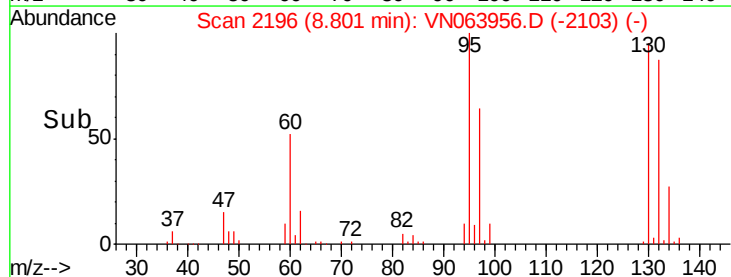
95 105.1 0.0 213.6



Abundance Ion 129.80 (129.50 to 130.50): VN063741.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN063741.D (-2180) (-)

8.80

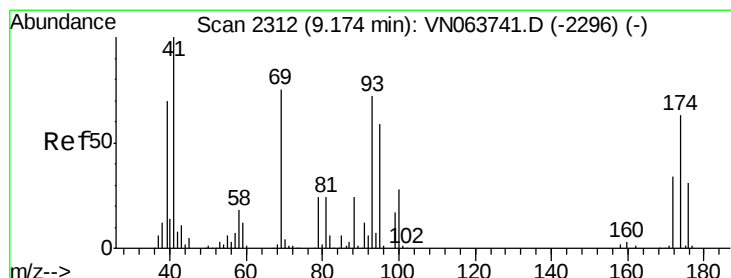
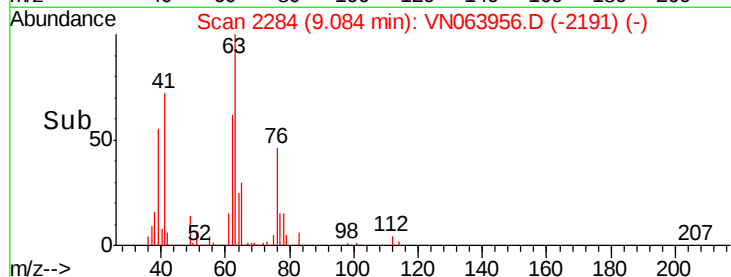
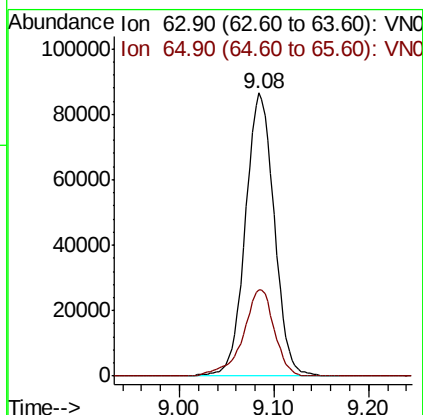
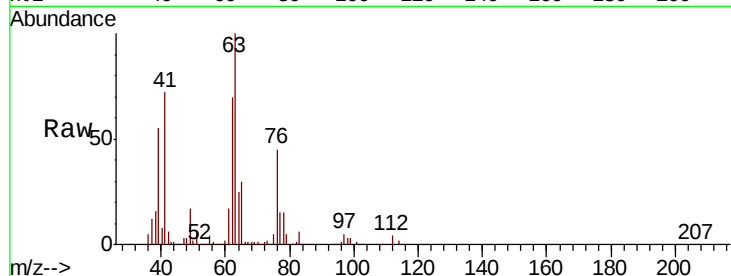




#45
 1,2-Dichloropropane
 Concen: 51.299 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN063956.D
 Acq: 7 Oct 2020 20:31

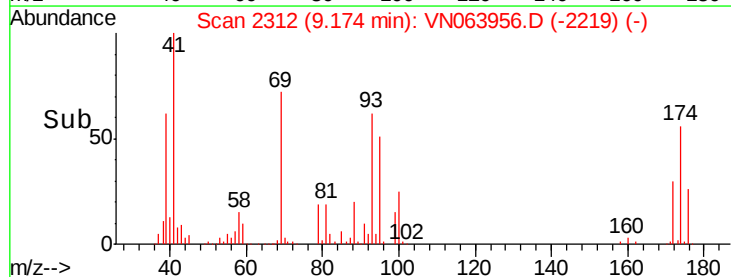
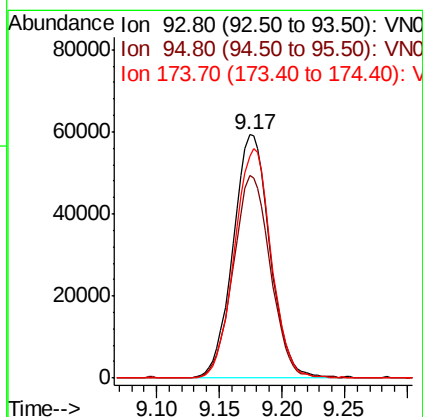
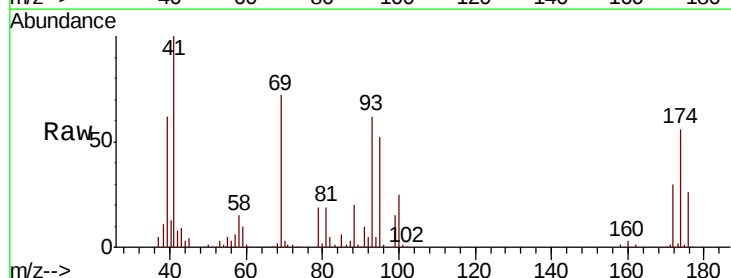
Instrument :
 MSVOA_N
 ClientSampleId :
 B-6-MW-2MS

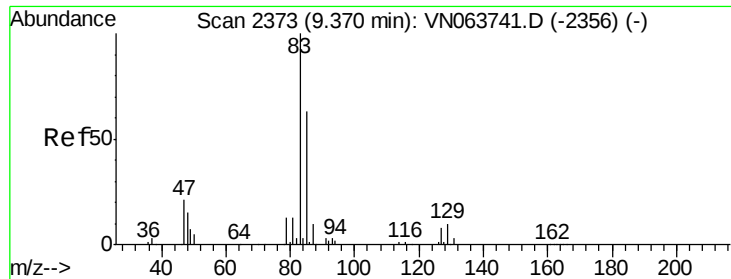
Tot Ion: 63 Resp: 183281
 Ion Ratio Lower Upper
 63 100
 65 30.5 24.7 37.1



#46
 Dibromomethane
 Concen: 49.350 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN063956.D
 Acq: 7 Oct 2020 20:31

Tgt Ion: 93 Resp: 121632
 Ion Ratio Lower Upper
 93 100
 95 83.7 66.3 99.5
 174 93.5 72.7 109.1

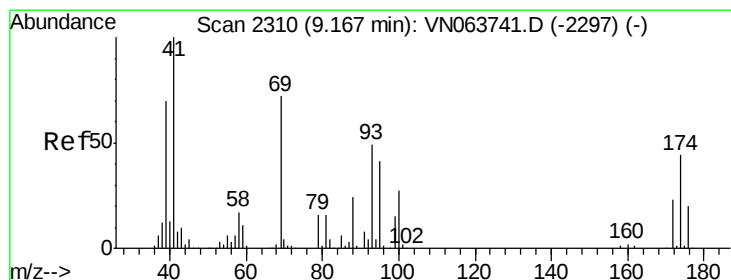
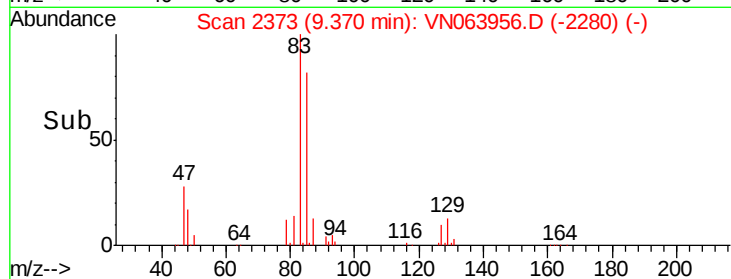
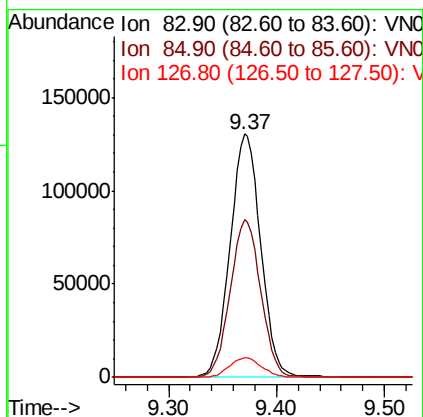
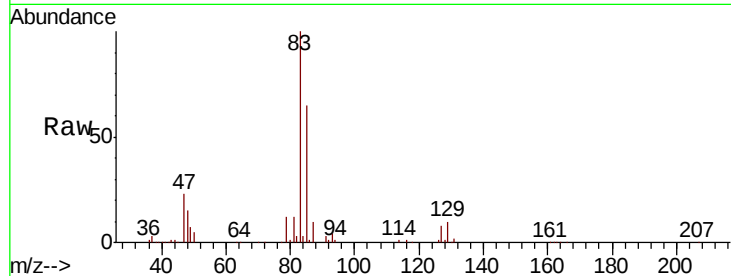




#47
 Bromodichloromethane
 Concen: 50.721 ug/l
 RT: 9.37 min Scan# 2373
 Delta R.T. 0.00 min
 Lab File: VN063956.D
 Acq: 7 Oct 2020 20:31

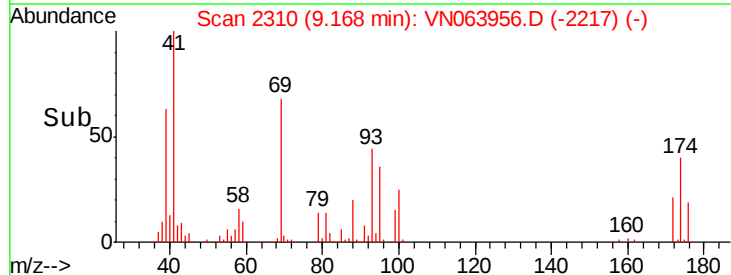
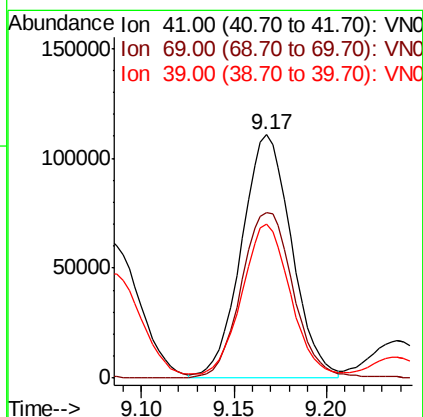
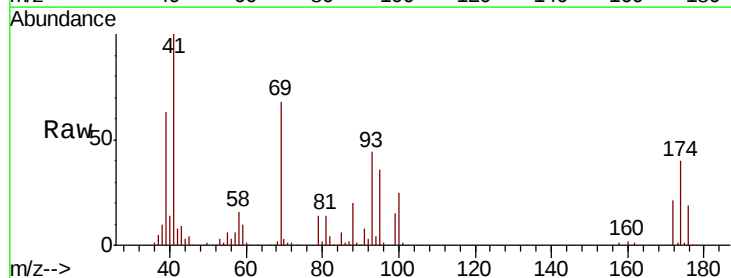
Instrument :
 MSVOA_N
 ClientSampleId :
 B-6-MW-2MS

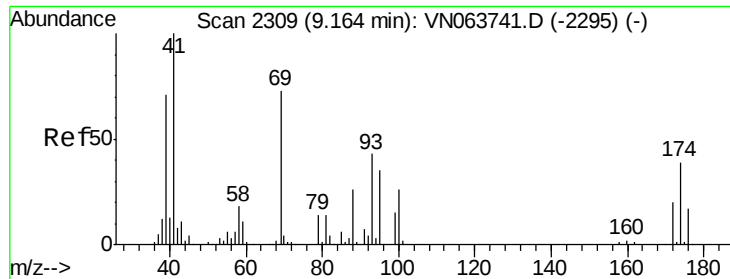
Tot Ion: 83 Resp: 257640
 Ion Ratio Lower Upper
 83 100
 85 64.6 50.6 75.8
 127 8.1 6.6 9.8



#48
 Methyl methacrylate
 Concen: 55.371 ug/l
 RT: 9.17 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN063956.D
 Acq: 7 Oct 2020 20:31

Tgt Ion: 41 Resp: 207641
 Ion Ratio Lower Upper
 41 100
 69 71.2 60.9 91.3
 39 61.7 57.5 86.3

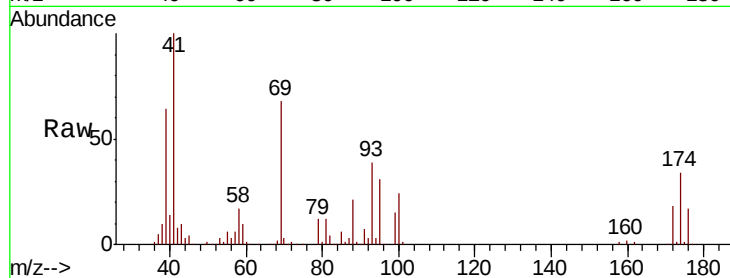




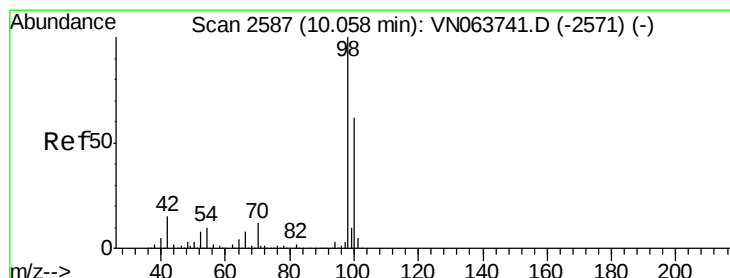
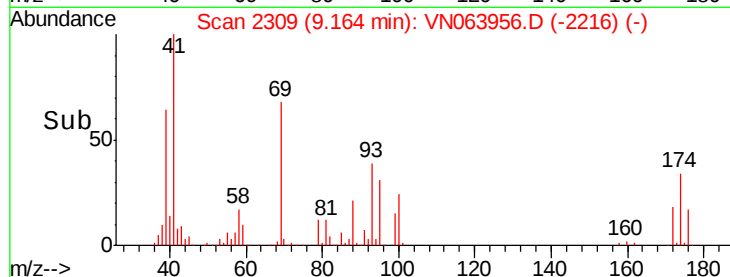
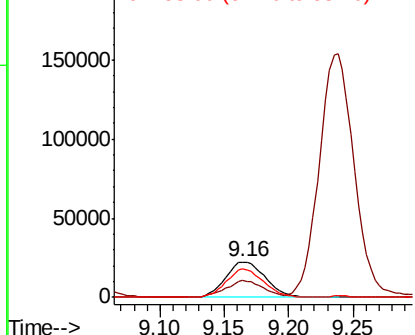
#49
1,4-Dioxane
Concen: 912.955 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. 0.00 min
Lab File: VN063956.D
Acq: 7 Oct 2020 20:31

Instrument :
MSVOA_N
ClientSampleId :
B-6-MW-2MS

Tot Ion: 88 Resp: 48657
Ion Ratio Lower Upper
88 100
43 40.6 33.1 49.7
58 74.4 58.9 88.3

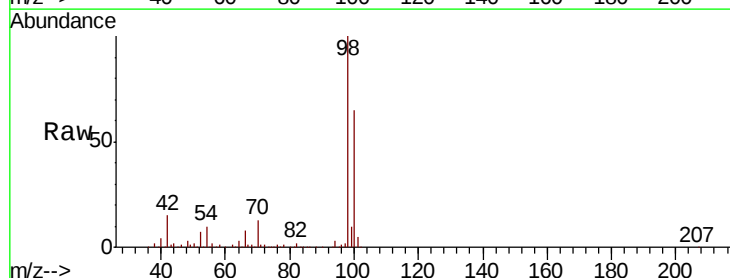


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

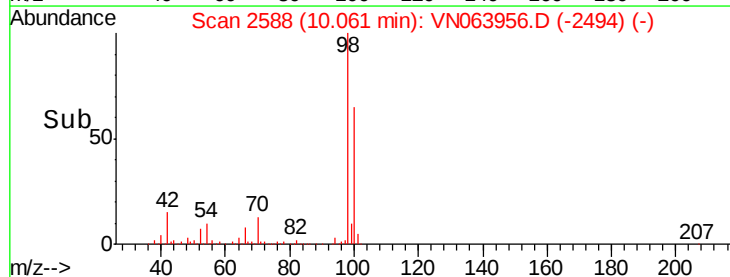
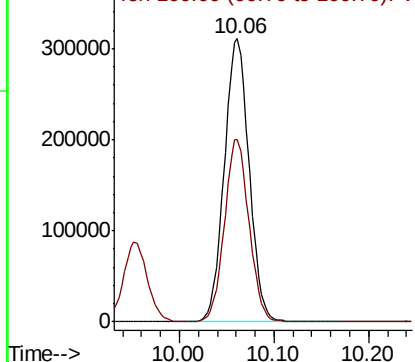


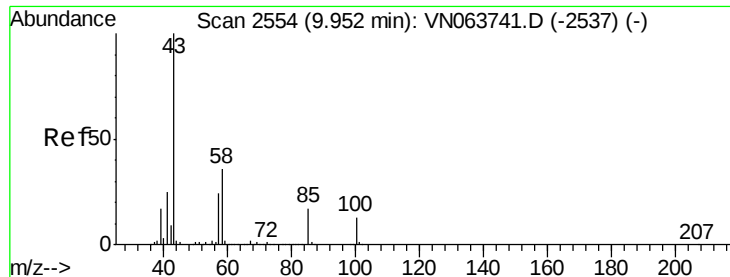
#50
Toluene-d8
Concen: 47.221 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN063956.D
Acq: 7 Oct 2020 20:31

Tgt Ion: 98 Resp: 567859
Ion Ratio Lower Upper
98 100
100 63.5 49.8 74.6



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 276.653 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN063956.D

Acq: 7 Oct 2020 20:31

Instrument :

MSVOA_N

ClientSampleId :

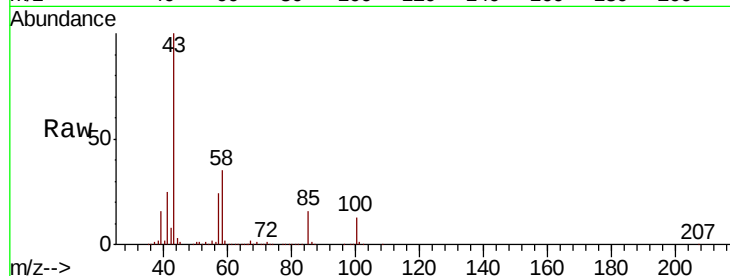
B-6-MW-2MS

Tot Ion: 43 Resp: 1232285

Ion Ratio Lower Upper

43 100

58 35.2 28.4 42.6



Abundance Ion 43.00 (42.70 to 43.70): VN063741.D (-2537) (-)

Ion 58.00 (57.70 to 58.70): VN063741.D (-2537) (-)

9.95

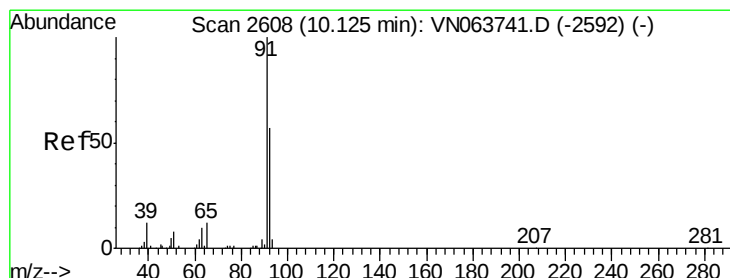
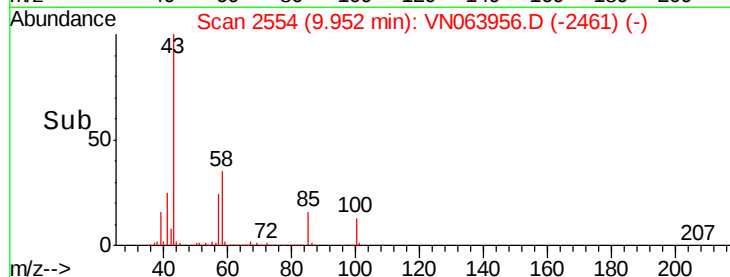
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 51.271 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063956.D

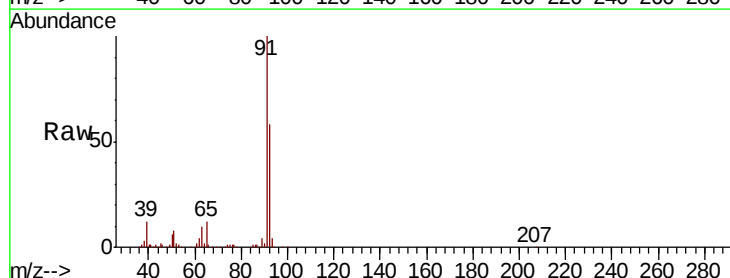
Acq: 7 Oct 2020 20:31

Tgt Ion: 92 Resp: 419535

Ion Ratio Lower Upper

92 100

91 172.7 140.6 210.8



Abundance Ion 92.00 (91.70 to 92.70): VN063741.D (-2592) (-)

Ion 91.00 (90.70 to 91.70): VN063741.D (-2592) (-)

10.13

400000

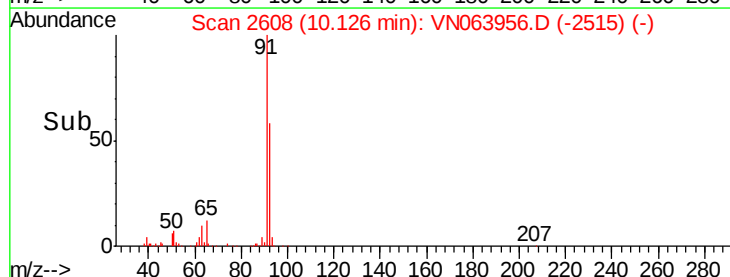
300000

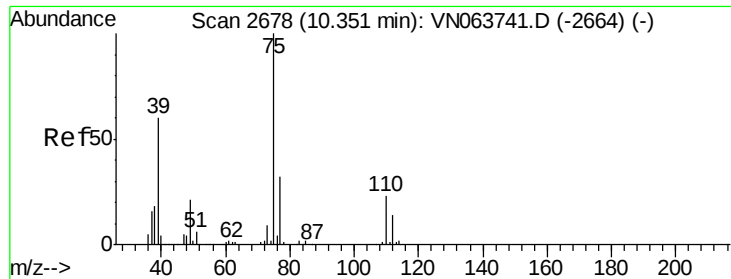
200000

100000

0

Time-->

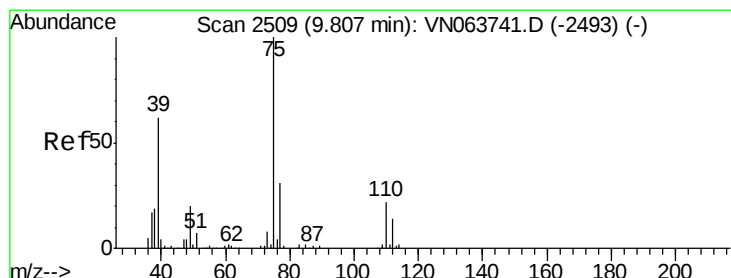
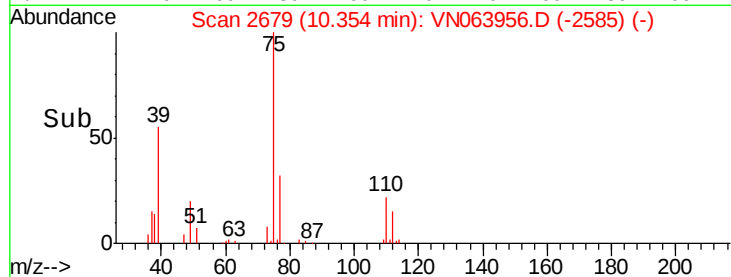
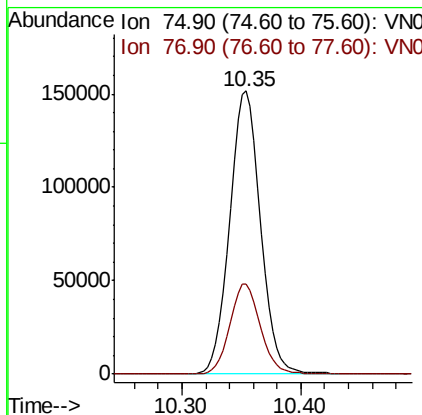
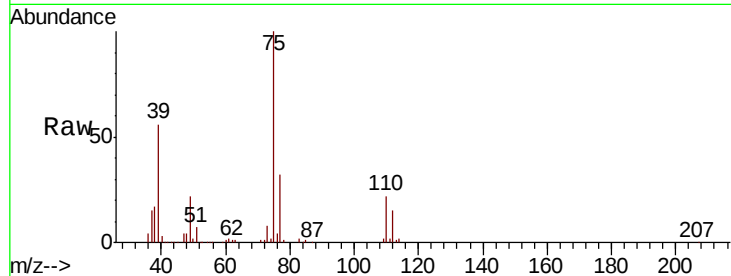




#53
 t-1,3-Dichloropropene
 Concen: 49.970 ug/l
 RT: 10.35 min Scan# 2679
 Delta R.T. 0.00 min
 Lab File: VN063956.D
 Acq: 7 Oct 2020 20:31

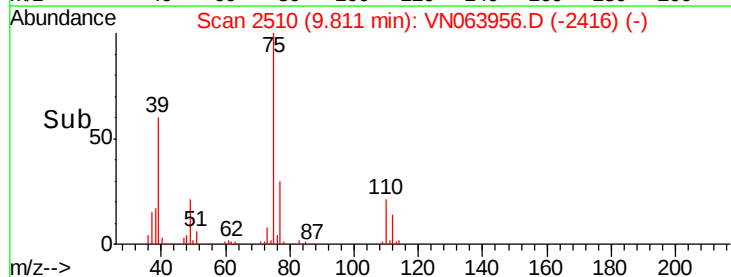
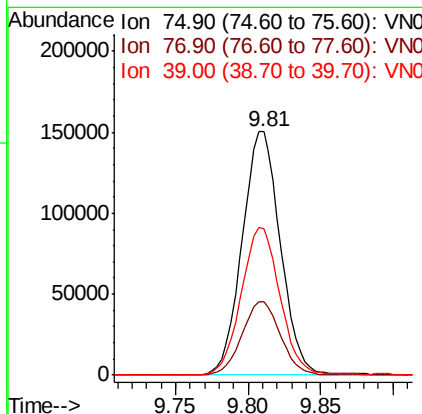
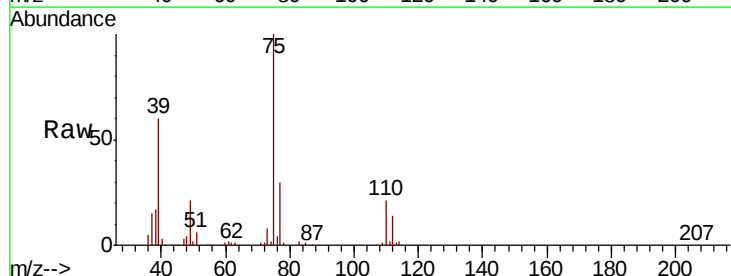
Instrument :
 MSVOA_N
 ClientSampleId :
 B-6-MW-2MS

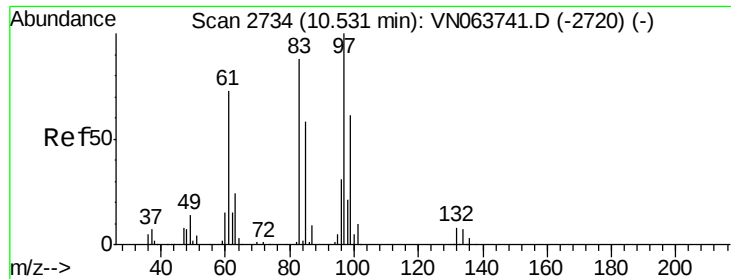
Tot Ion: 75 Resp: 272088
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 48.424 ug/l
 RT: 9.81 min Scan# 2510
 Delta R.T. 0.00 min
 Lab File: VN063956.D
 Acq: 7 Oct 2020 20:31

Tgt Ion: 75 Resp: 275750
 Ion Ratio Lower Upper
 75 100
 77 30.1 24.6 36.8
 39 60.3 49.7 74.5

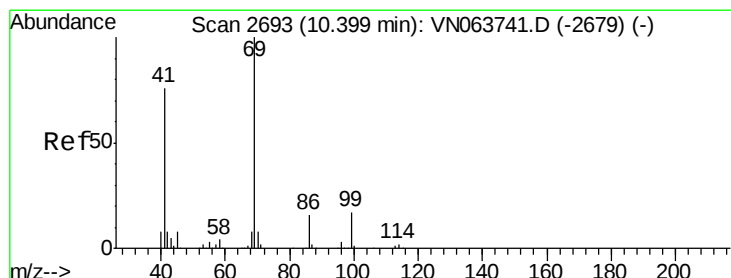
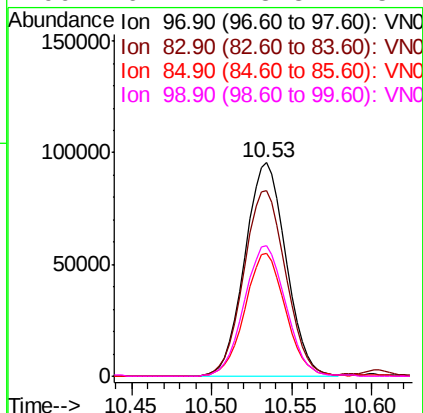
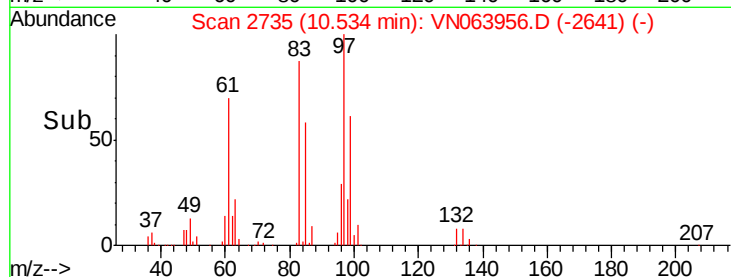
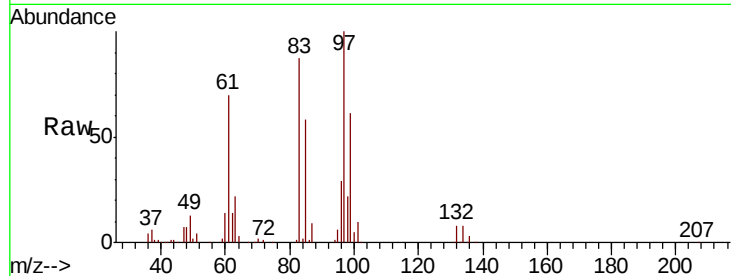




#55
 1,1,2-Trichloroethane
 Concen: 51.315 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN063956.D
 Acq: 7 Oct 2020 20:31

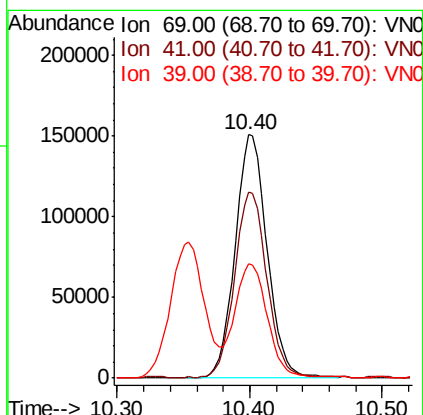
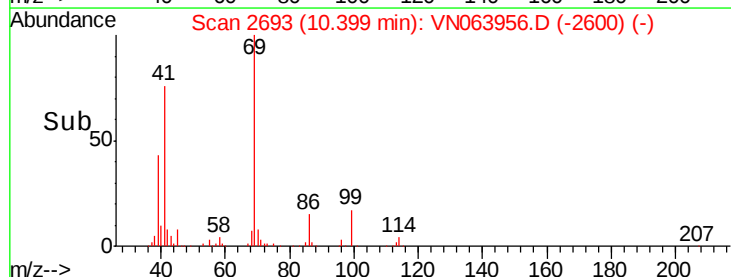
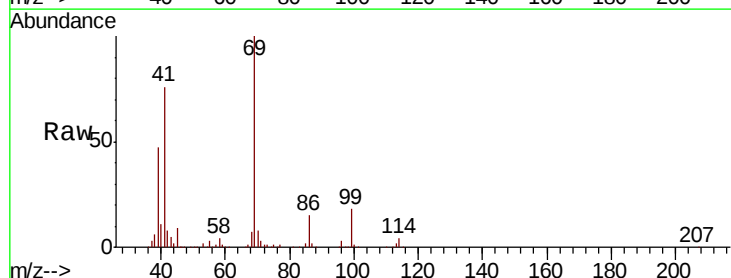
Instrument :
 MSVOA_N
 ClientSampled :
 B-6-MW-2MS

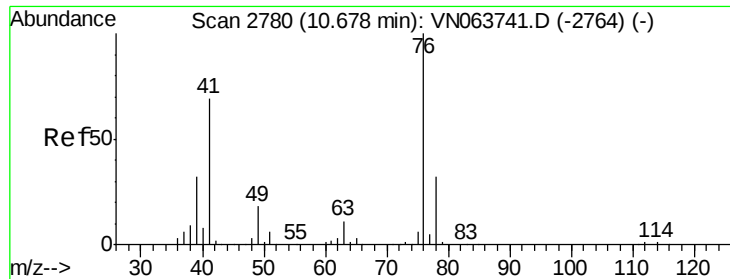
Tot Ion: 97 Resp: 168392
 Ion Ratio Lower Upper
 97 100
 83 87.0 70.7 106.1
 85 57.7 46.1 69.1
 99 61.4 48.8 73.2



#56
 Ethyl methacrylate
 Concen: 54.421 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN063956.D
 Acq: 7 Oct 2020 20:31

Tgt Ion: 69 Resp: 253138
 Ion Ratio Lower Upper
 69 100
 41 76.4 61.1 91.7
 39 48.4 42.2 63.4

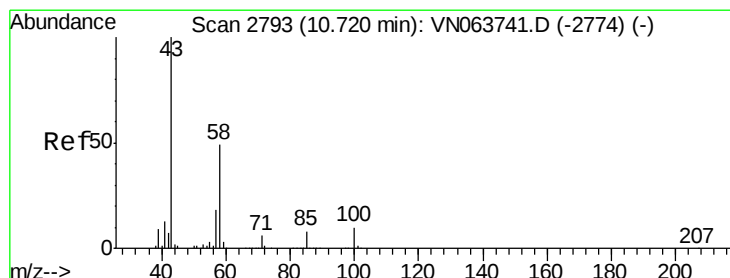
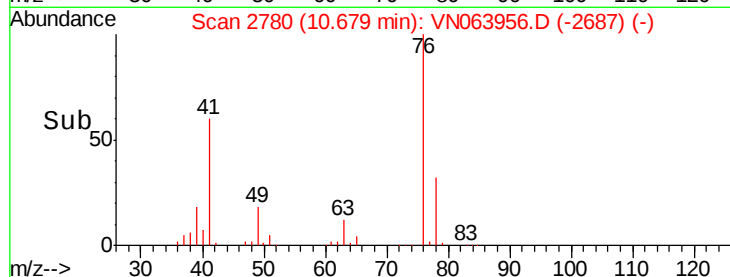
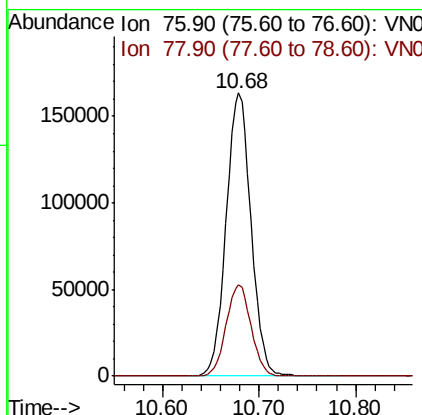
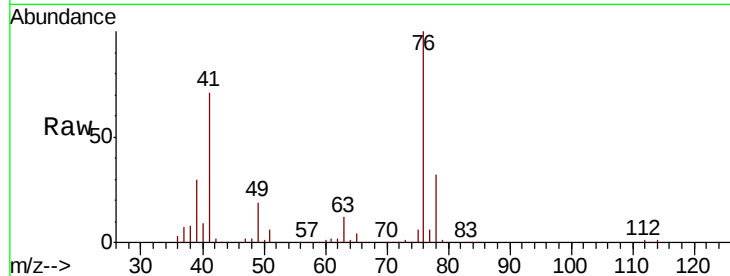




#57
 1,3-Dichloropropane
 Concen: 52.502 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. 0.00 min
 Lab File: VN063956.D
 Acq: 7 Oct 2020 20:31

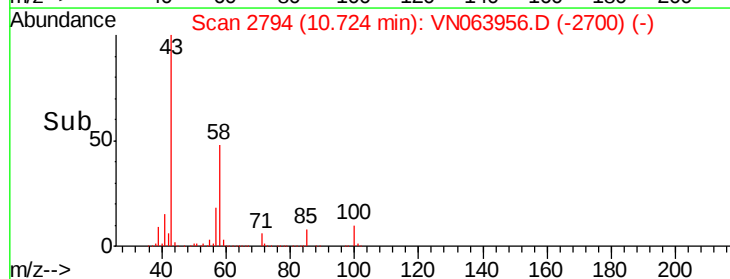
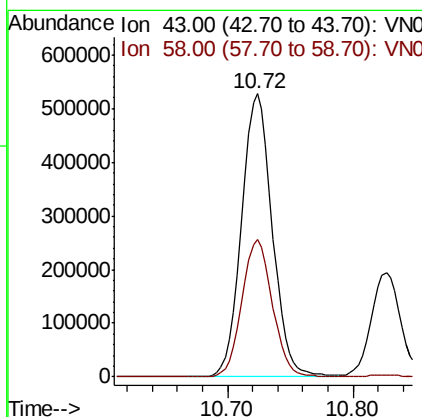
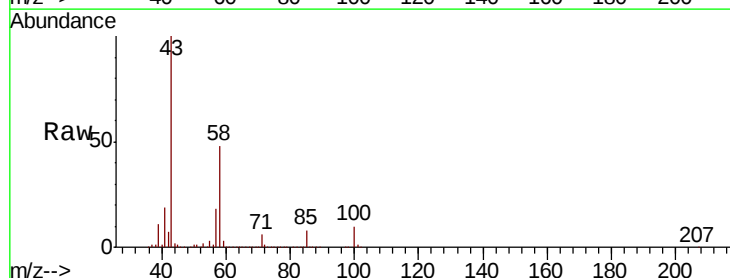
Instrument :
 MSVOA_N
 ClientSampleId :
 B-6-MW-2MS

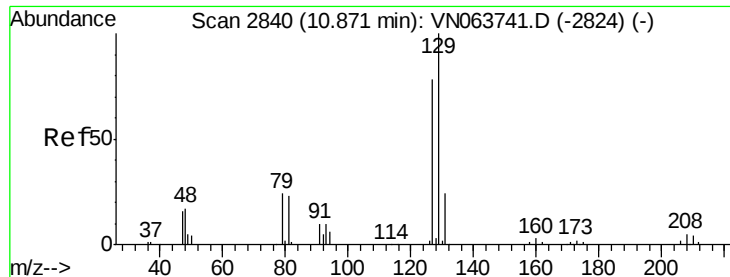
Tot Ion: 76 Resp: 291480
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.2 37.8



#59
 2-Hexanone
 Concen: 269.951 ug/l
 RT: 10.72 min Scan# 2794
 Delta R.T. 0.00 min
 Lab File: VN063956.D
 Acq: 7 Oct 2020 20:31

Tgt Ion: 43 Resp: 893243
 Ion Ratio Lower Upper
 43 100
 58 48.2 24.6 73.8

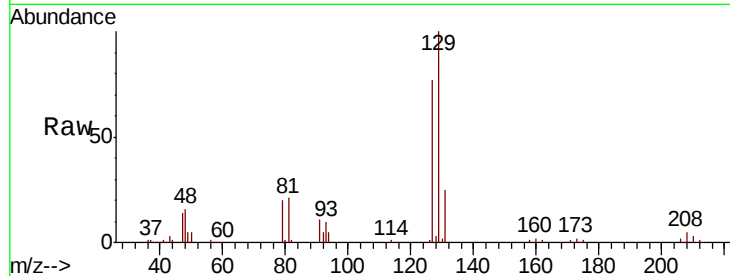




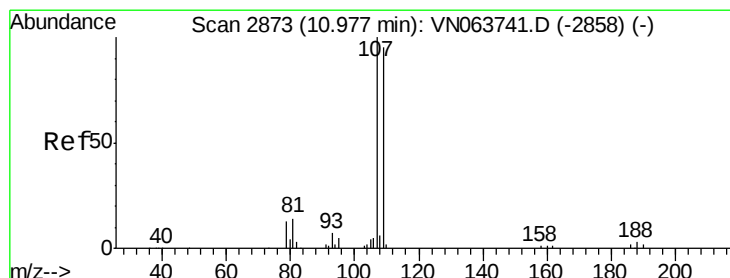
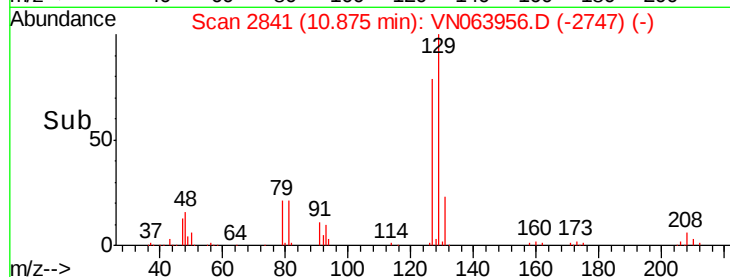
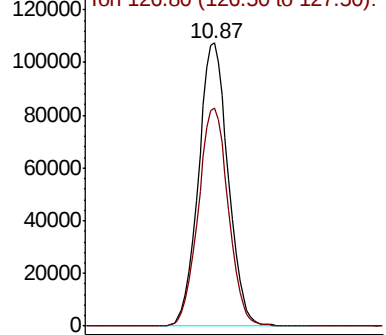
#60
 Dibromochloromethane
 Concen: 51.119 ug/l
 RT: 10.87 min Scan# 2841
 Delta R.T. 0.00 min
 Lab File: VN063956.D
 Acq: 7 Oct 2020 20:31

Instrument :
 MSVOA_N
 ClientSampleId :
 B-6-MW-2MS

Tot Ion:129 Resp: 195359
 Ion Ratio Lower Upper
 129 100
 127 78.3 38.9 116.7

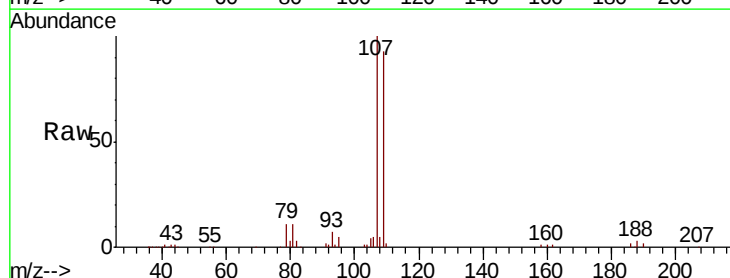


Abundance Ion 128.80 (128.50 to 129.50): V
 Ion 126.80 (126.50 to 127.50): V

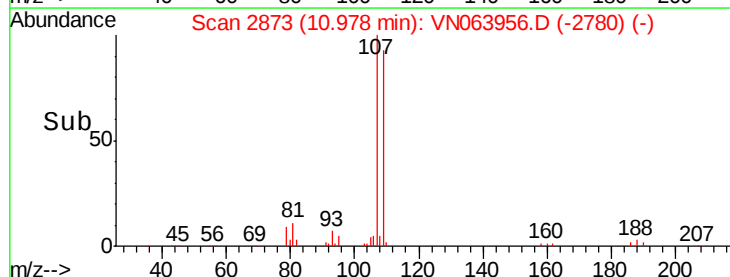
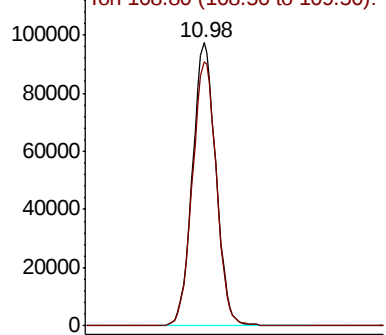


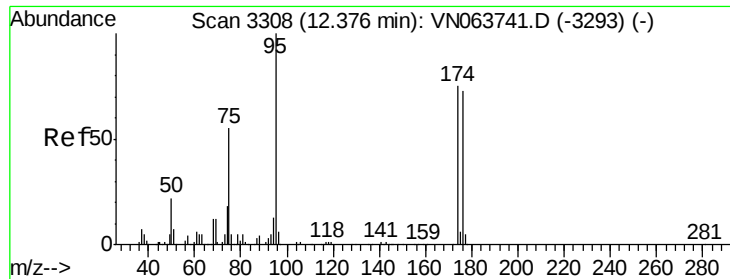
#61
 1,2-Dibromoethane
 Concen: 51.856 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN063956.D
 Acq: 7 Oct 2020 20:31

Tgt Ion:107 Resp: 174070
 Ion Ratio Lower Upper
 107 100
 109 95.8 74.8 112.2



Abundance Ion 106.90 (106.60 to 107.60): V
 Ion 108.80 (108.50 to 109.50): V

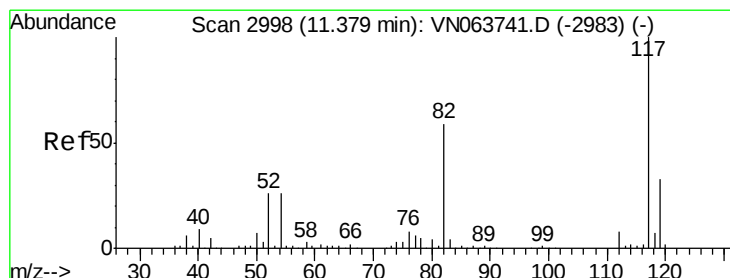
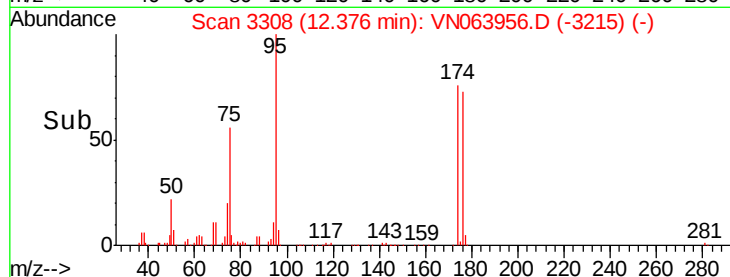
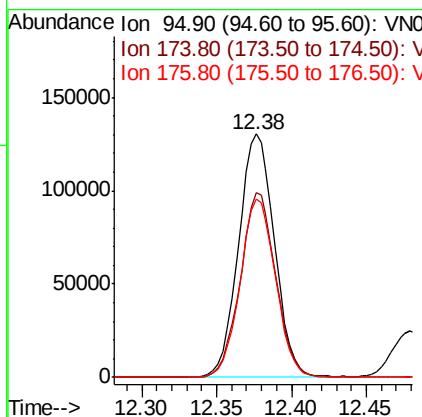
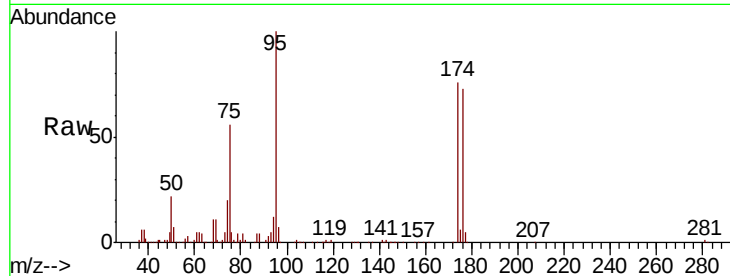




#62
4-Bromofluorobenzene
Concen: 48.052 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN063956.D
Acq: 7 Oct 2020 20:31

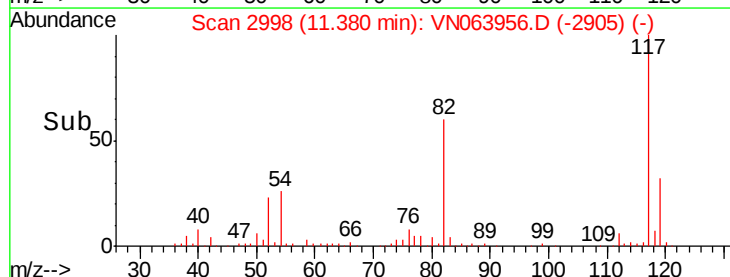
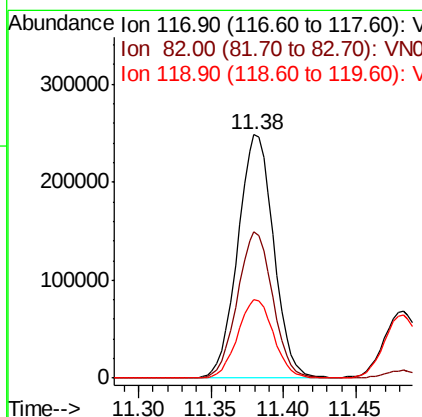
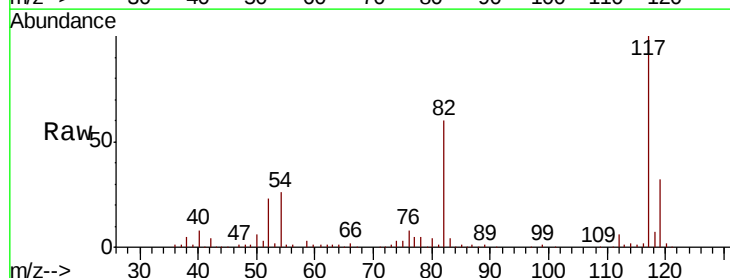
Instrument :
MSVOA_N
ClientSampled :
B-6-MW-2MS

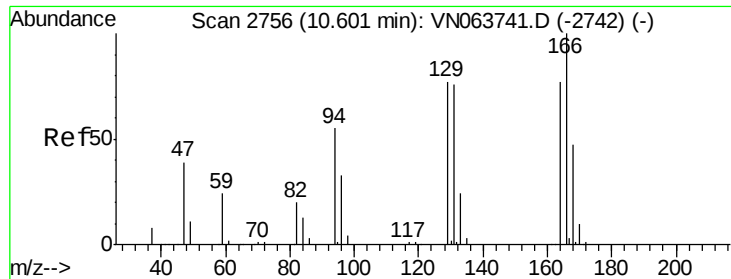
Tot Ion: 95 Resp: 217221
Ion Ratio Lower Upper
95 100
174 75.1 0.0 150.6
176 72.4 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063956.D
Acq: 7 Oct 2020 20:31

Tgt Ion: 117 Resp: 426547
Ion Ratio Lower Upper
117 100
82 59.9 47.4 71.2
119 32.2 26.4 39.6

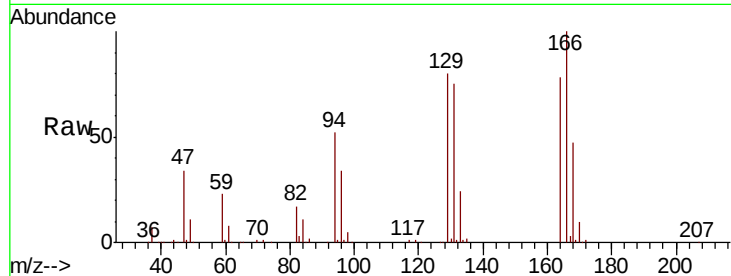




#64
Tetrachloroethene
Concen: 44.919 ug/l
RT: 10.60 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VN063956.D
Acq: 7 Oct 2020 20:31

Instrument :
MSVOA_N
ClientSampleId :
B-6-MW-2MS

Tot Ion	Ratio	Lower	Upper
164	100		
166	128.9	103.9	155.9
129	102.8	80.3	120.5
131	97.0	78.9	118.3



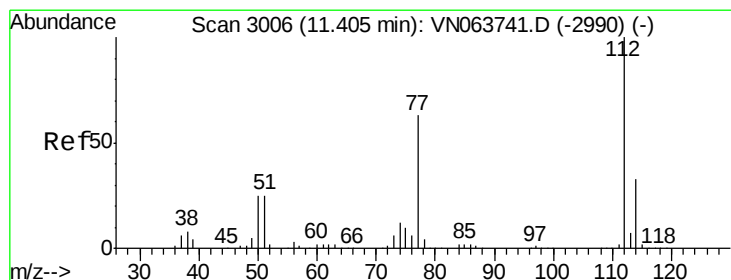
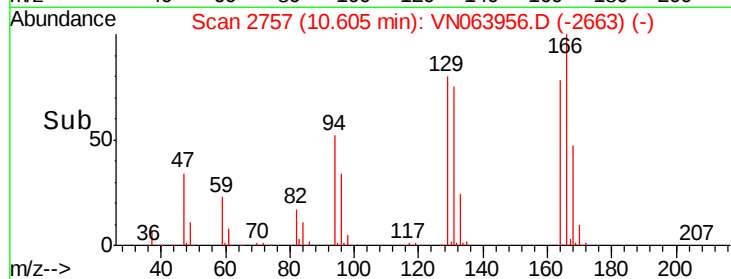
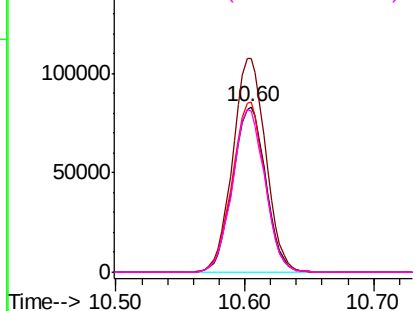
Abundance

Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

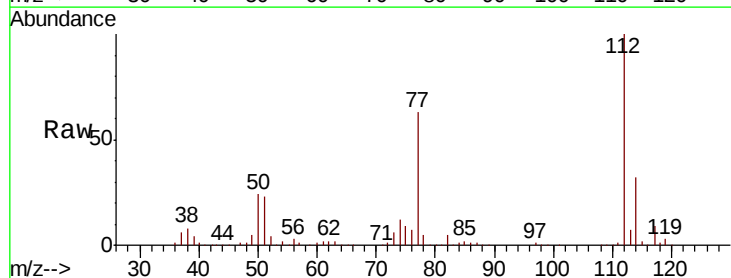
Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65
Chlorobenzene
Concen: 50.683 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN063956.D
Acq: 7 Oct 2020 20:31

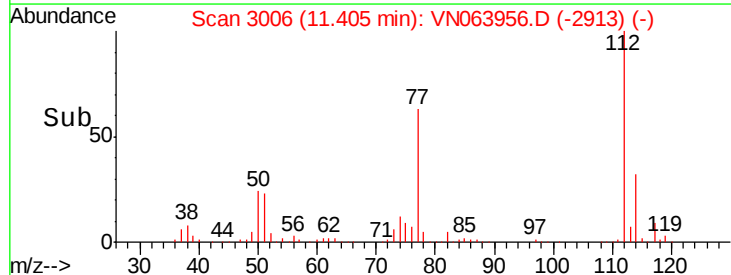
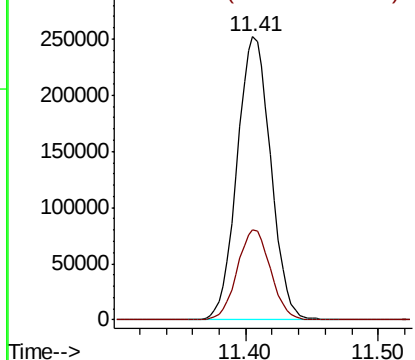
Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.7	26.1	39.1

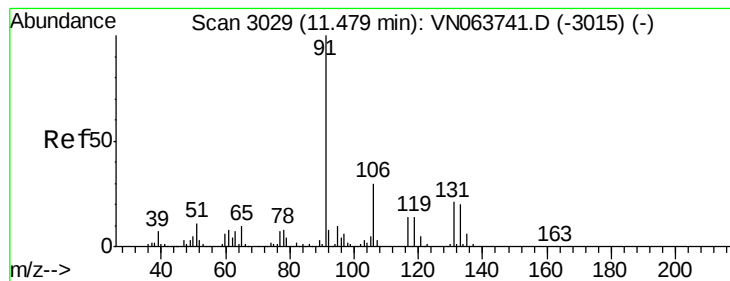


Abundance

Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 52.534 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. 0.00 min

Lab File: VN063956.D

Acq: 7 Oct 2020 20:31

Instrument :

MSVOA_N

ClientSampleId :

B-6-MW-2MS

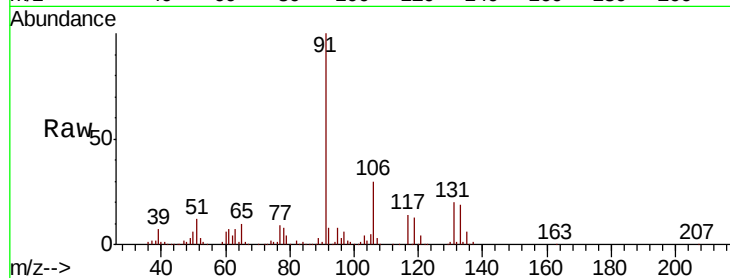
Tot Ion:131 Resp: 176221

Ion Ratio Lower Upper

131 100

133 95.2 47.3 141.8

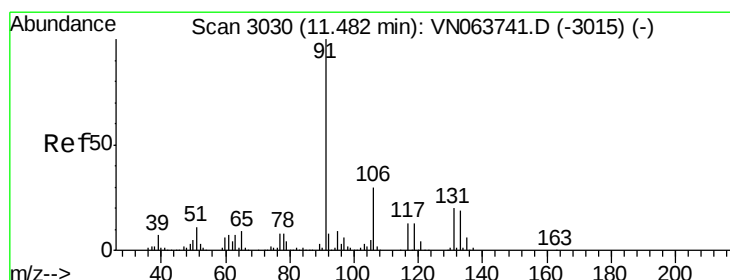
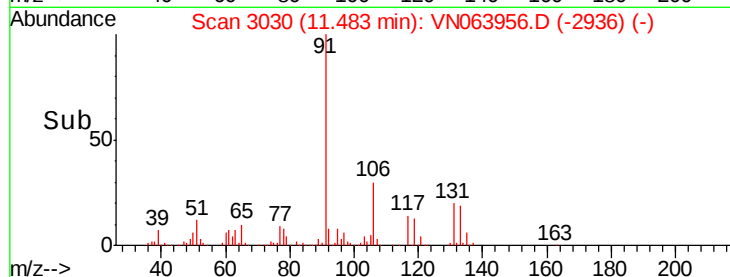
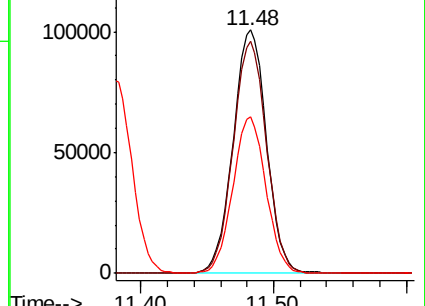
119 63.8 32.6 97.7



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 51.965 ug/l

RT: 11.49 min Scan# 3031

Delta R.T. 0.00 min

Lab File: VN063956.D

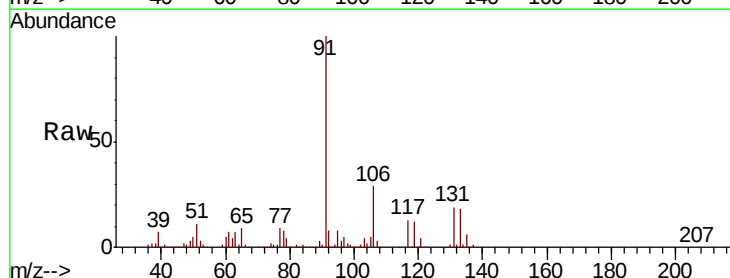
Acq: 7 Oct 2020 20:31

Tgt Ion: 91 Resp: 827360

Ion Ratio Lower Upper

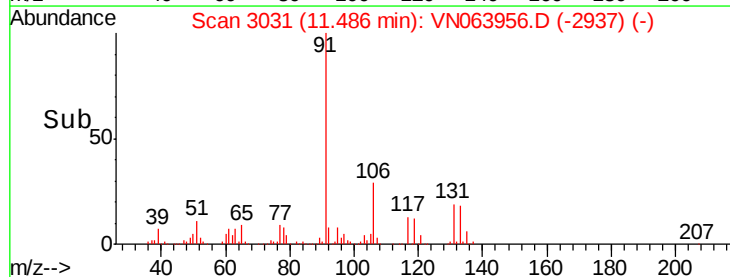
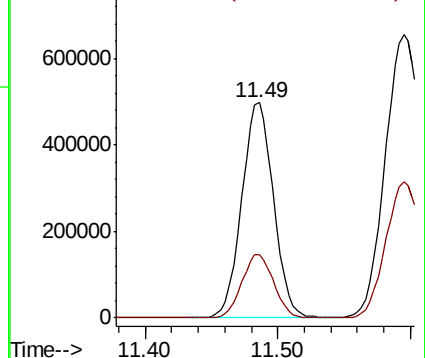
91 100

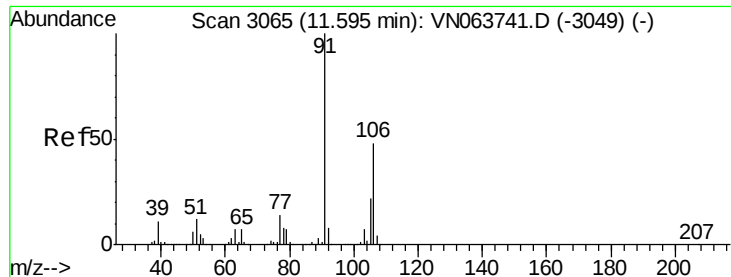
106 29.3 24.2 36.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V

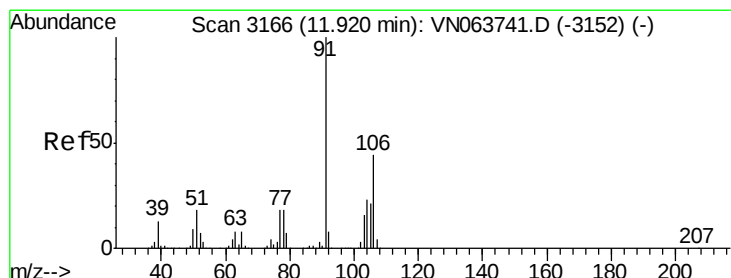
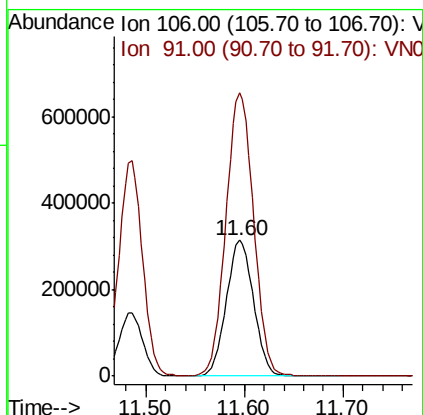
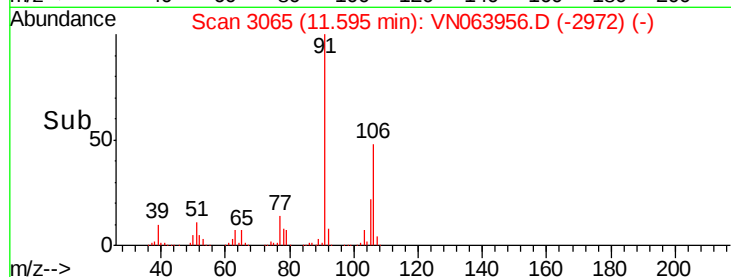
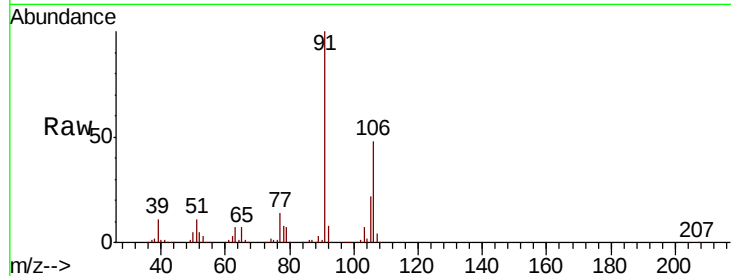




#68
m/p-Xylenes
Concen: 102.519 ug/l
RT: 11.60 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN063956.D
Acq: 7 Oct 2020 20:31

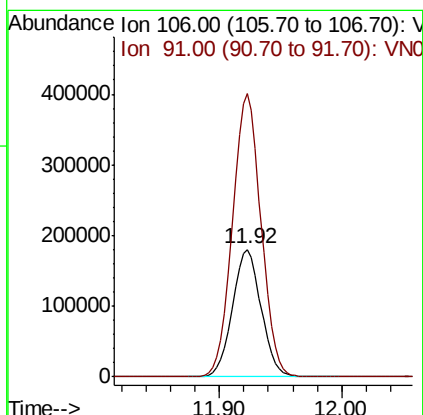
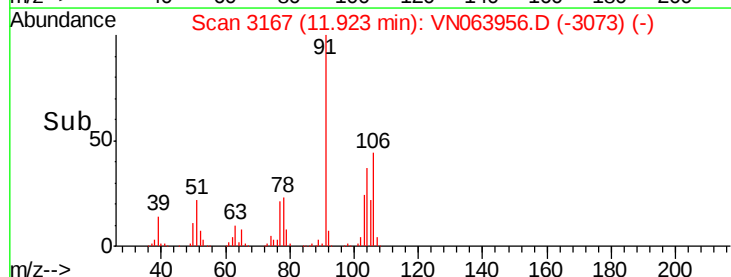
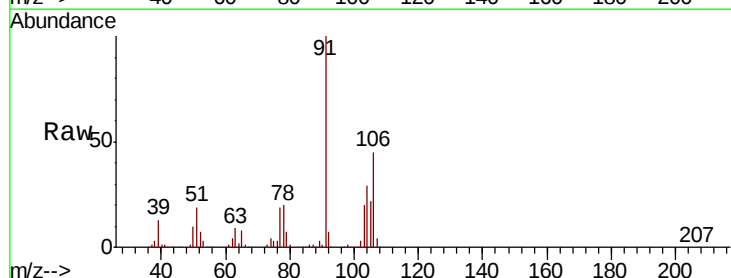
Instrument :
MSVOA_N
ClientSampled :
B-6-MW-2MS

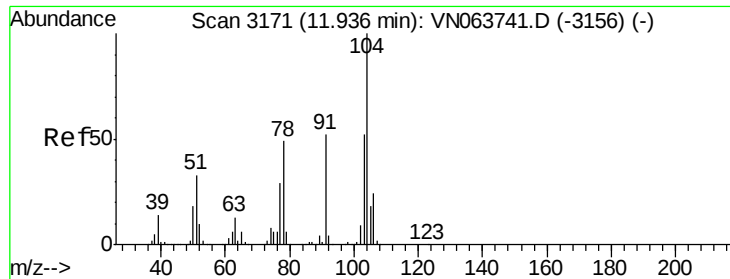
Tot Ion:106 Resp: 608334
Ion Ratio Lower Upper
106 100
91 211.8 168.0 252.0



#69
o-Xylene
Concen: 53.029 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063956.D
Acq: 7 Oct 2020 20:31

Tgt Ion:106 Resp: 294109
Ion Ratio Lower Upper
106 100
91 221.3 112.7 338.0

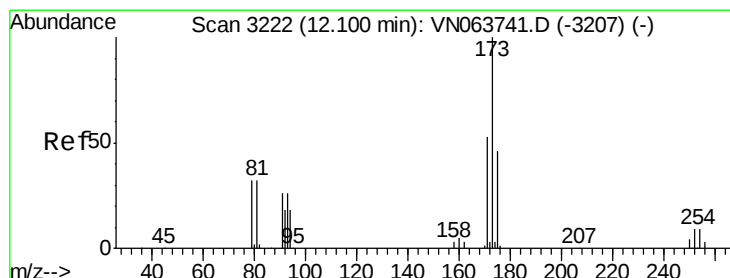
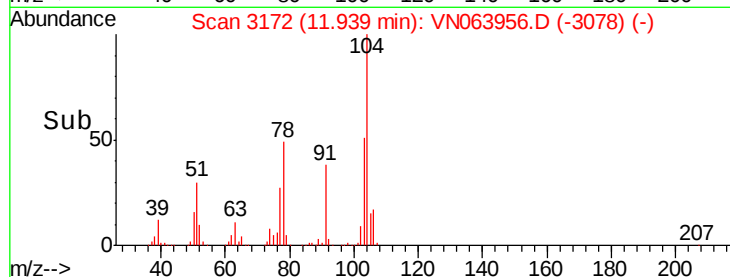
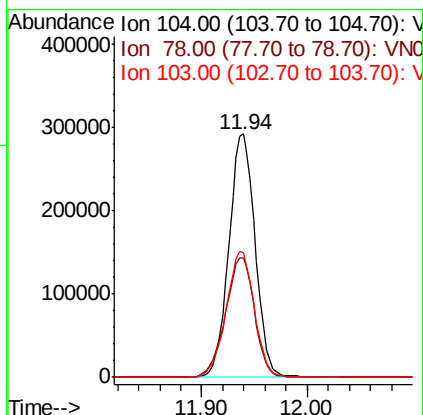
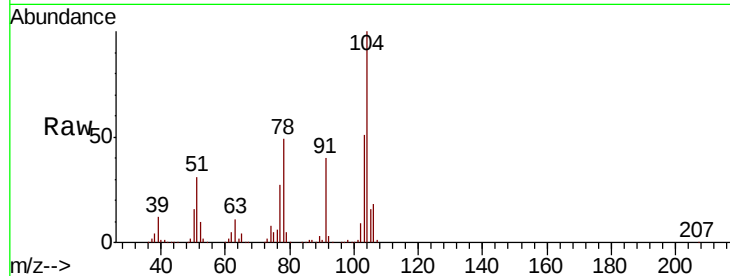




#70
Stvrene
Concen: 53.367 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN063956.D
Acq: 7 Oct 2020 20:31

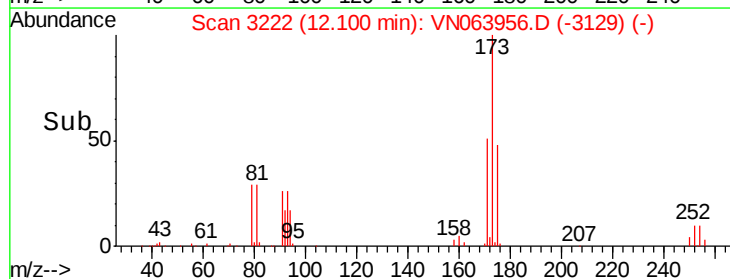
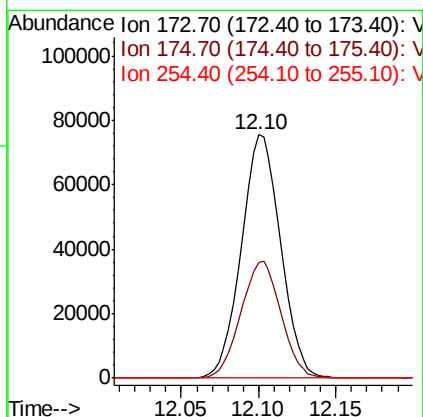
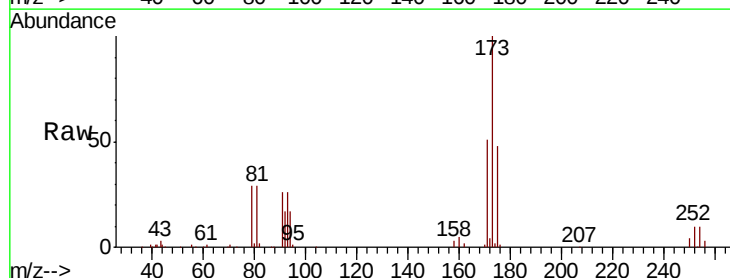
Instrument :
MSVOA_N
ClientSampleId :
B-6-MW-2MS

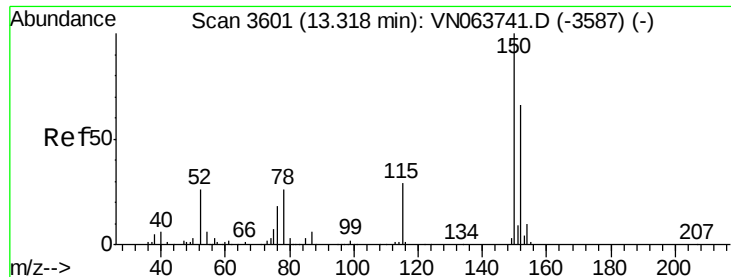
Tot Ion:104 Resp: 502426
Ion Ratio Lower Upper
104 100
78 54.3 44.1 66.1
103 55.3 44.3 66.5



#71
Bromoform
Concen: 52.093 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN063956.D
Acq: 7 Oct 2020 20:31

Tgt Ion:173 Resp: 133645
Ion Ratio Lower Upper
173 100
175 48.8 23.5 70.5
254 0.0 0.0 0.0#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN063956.D

Acq: 7 Oct 2020 20:31

Instrument :

MSVOA_N

ClientSampled :

B-6-MW-2MS

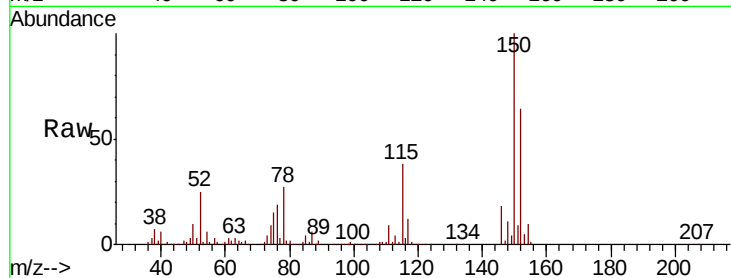
Tot Ion:152 Resp: 214046

Ion Ratio Lower Upper

152 100

115 60.5 31.3 93.8

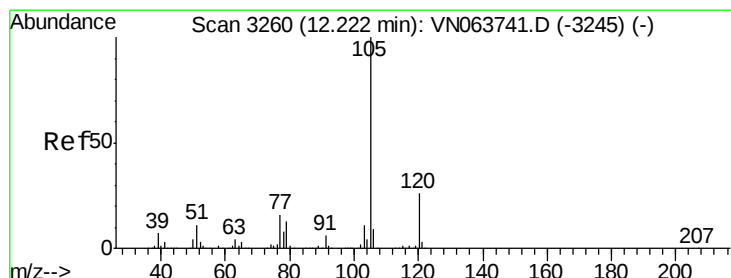
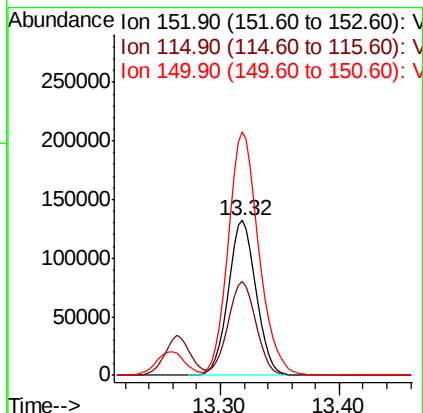
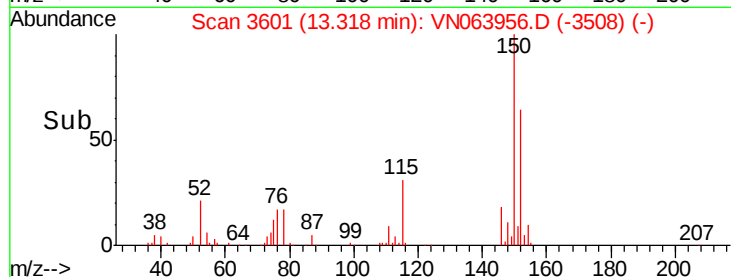
150 171.6 0.0 341.8



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: 49.510 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN063956.D

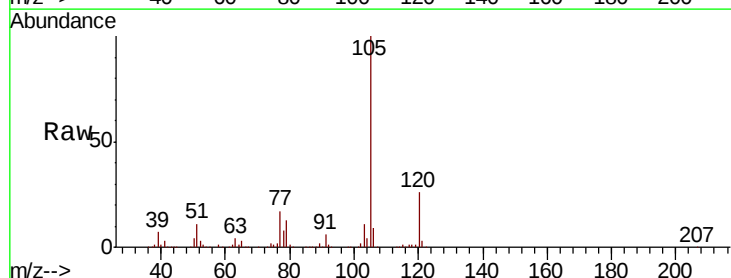
Acq: 7 Oct 2020 20:31

Tgt Ion:105 Resp: 772970

Ion Ratio Lower Upper

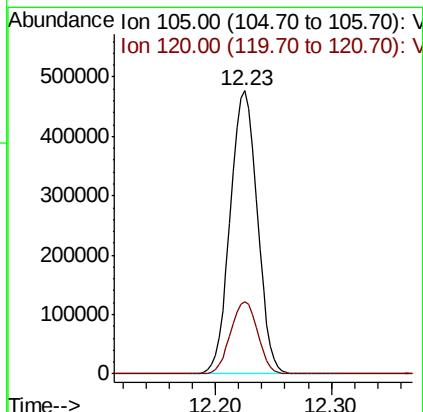
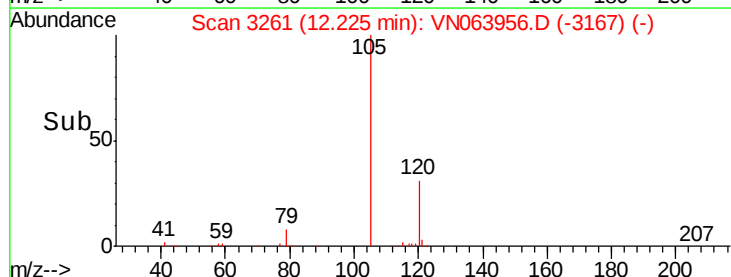
105 100

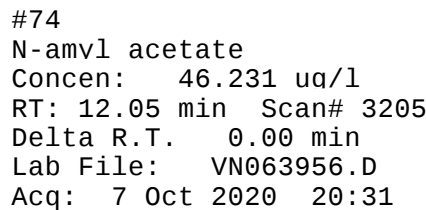
120 25.7 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

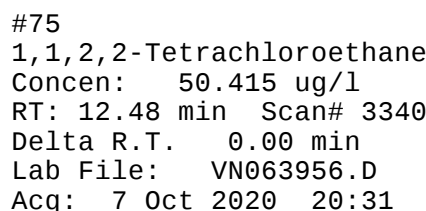
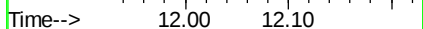
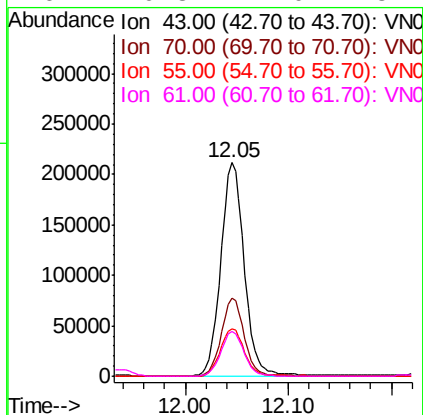
Ion 120.00 (119.70 to 120.70): V



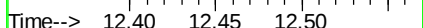
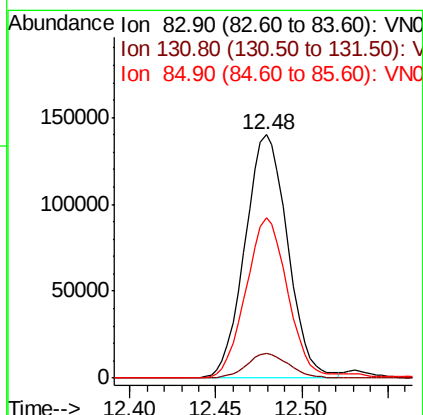


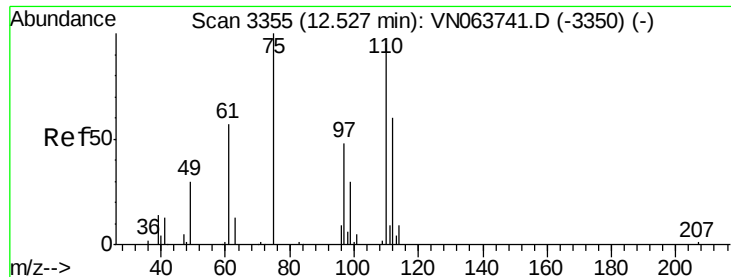
Instrument : MSVOA_N
ClientSampleId : B-6-MW-2MS

Tat	Ion: 43	Resp:	334198
Ion	Ratio	Lower	Upper
43	100		
70	35.8	29.8	44.8
55	23.0	17.9	26.9
61	20.8	17.0	25.4



Tgt	Ion: 83	Resp:	240689
Ion	Ratio	Lower	Upper
83	100		
131	10.0	5.3	15.8
85	64.4	31.3	93.8

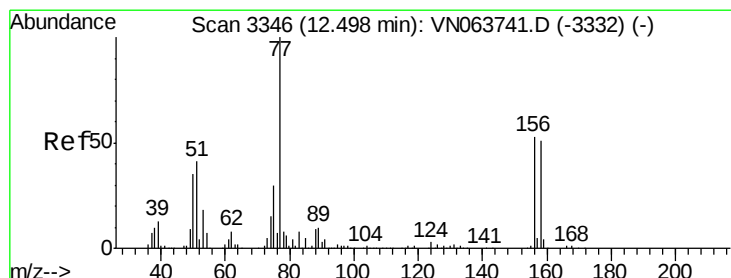
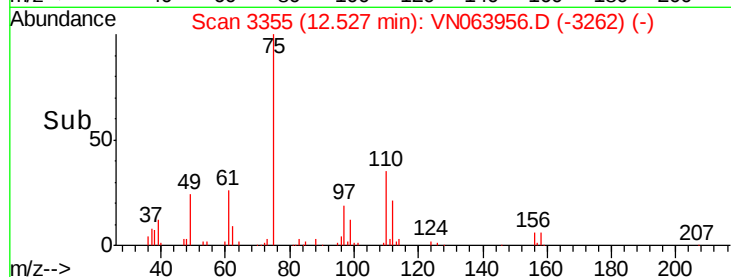
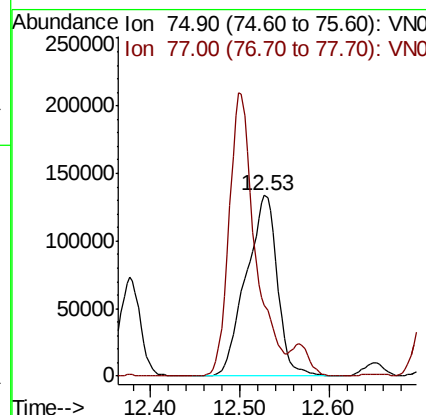
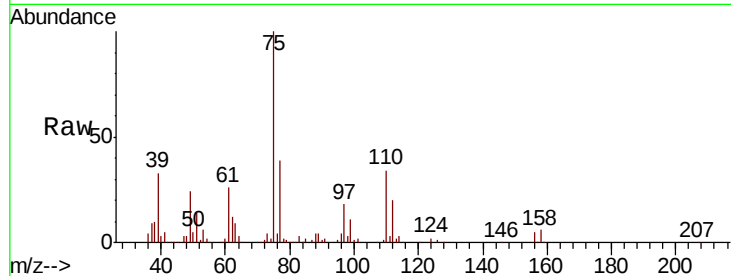




#76
 1,2,3-Trichloropropane
 Concen: 69.534 ug/l
 RT: 12.53 min Scan# 3355
 Delta R.T. 0.00 min
 Lab File: VN063956.D
 Acq: 7 Oct 2020 20:31

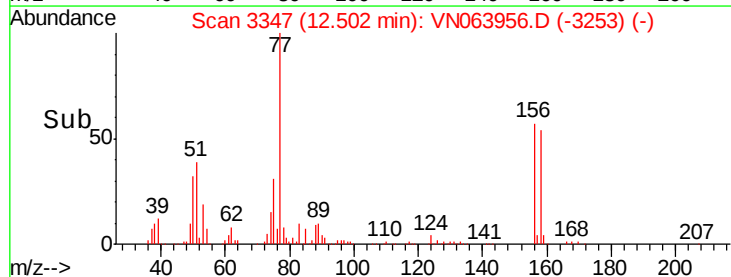
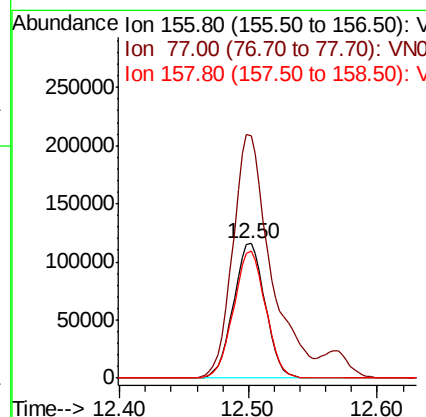
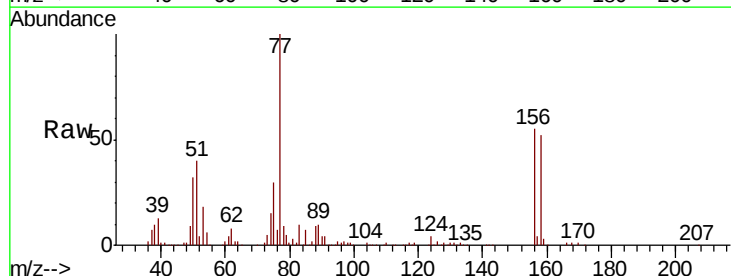
Instrument :
 MSVOA_N
 ClientSampleId :
 B-6-MW-2MS

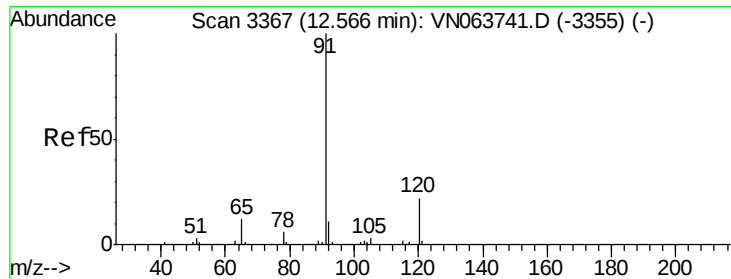
Tot Ion: 75 Resp: 328091
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0



#77
 Bromobenzene
 Concen: 51.569 ug/l
 RT: 12.50 min Scan# 3347
 Delta R.T. 0.00 min
 Lab File: VN063956.D
 Acq: 7 Oct 2020 20:31

Tgt Ion: 156 Resp: 197556
 Ion Ratio Lower Upper
 156 100
 77 215.3 110.9 332.7
 158 95.5 47.7 143.1

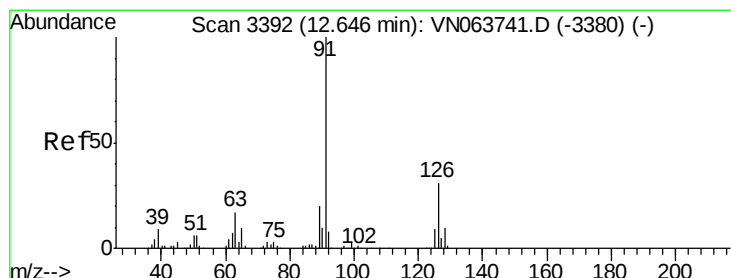
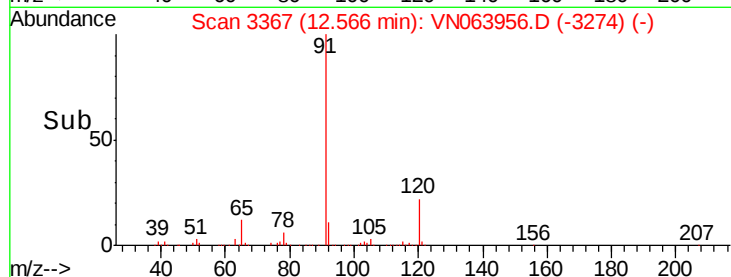
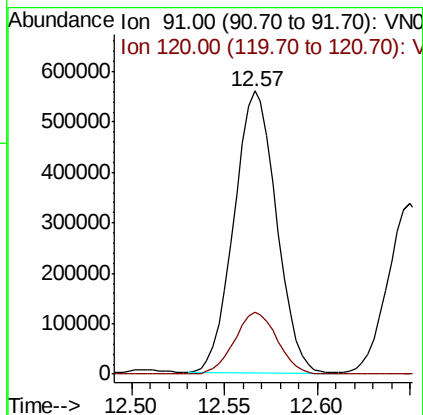
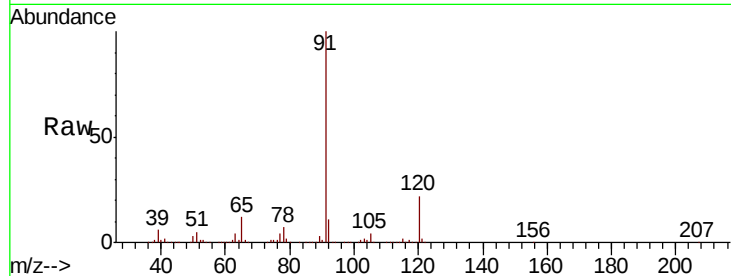




#78
n-propylbenzene
Concen: 48.818 ug/l
RT: 12.57 min Scan# 3367
Delta R.T. 0.00 min
Lab File: VN063956.D
Acq: 7 Oct 2020 20:31

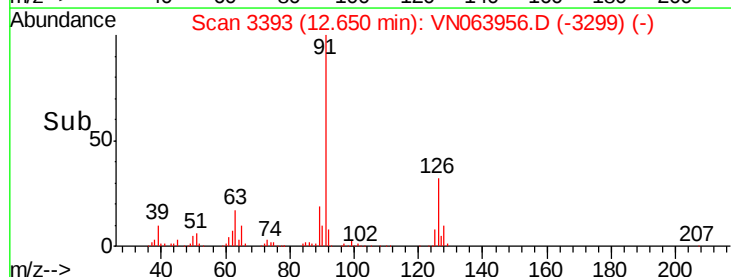
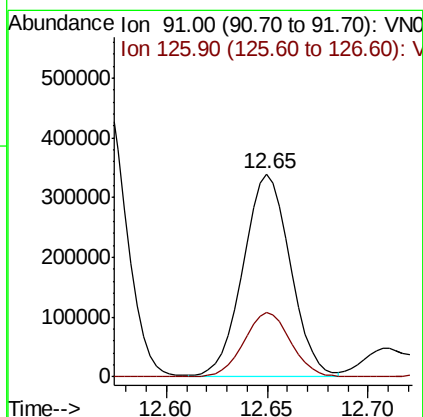
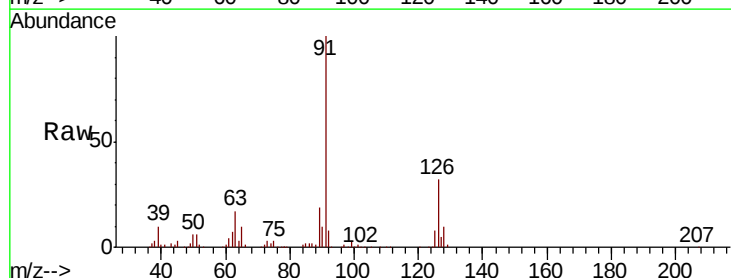
Instrument :
MSVOA_N
ClientSampleId :
B-6-MW-2MS

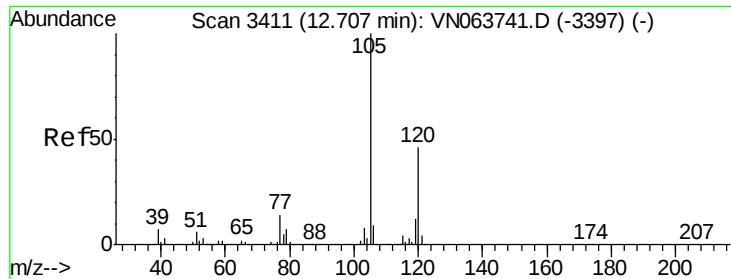
Tot Ion: 91 Resp: 887014
Ion Ratio Lower Upper
91 100
120 22.2 11.1 33.1



#79
2-Chlorotoluene
Concen: 49.310 ug/l
RT: 12.65 min Scan# 3393
Delta R.T. 0.00 min
Lab File: VN063956.D
Acq: 7 Oct 2020 20:31

Tgt Ion: 91 Resp: 551017
Ion Ratio Lower Upper
91 100
126 31.9 15.9 47.7

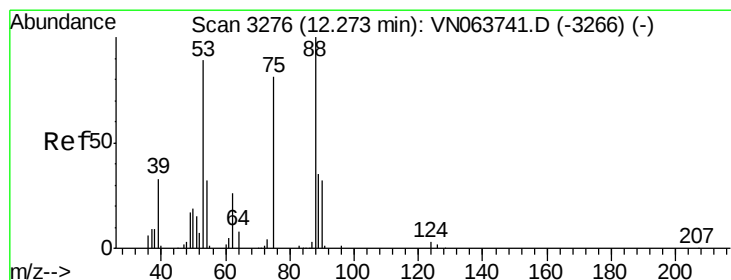
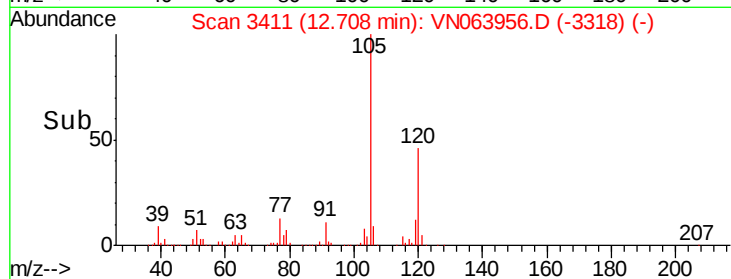
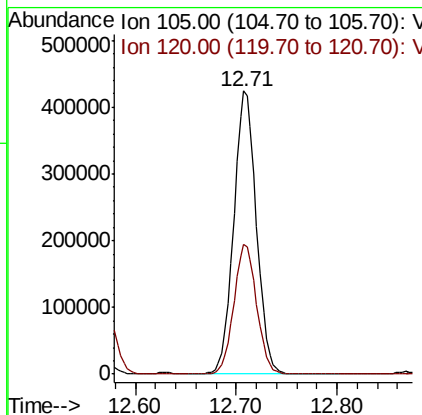
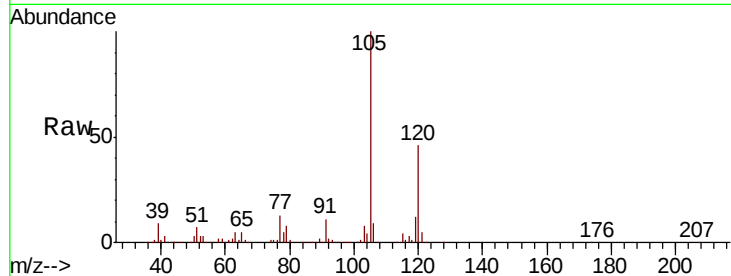




#80
 1,3,5-Trimethylbenzene
 Concen: 50.545 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN063956.D
 Acq: 7 Oct 2020 20:31

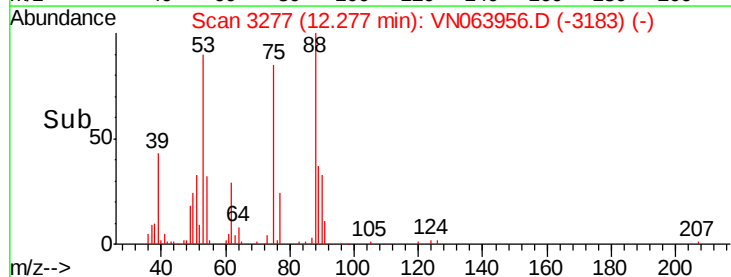
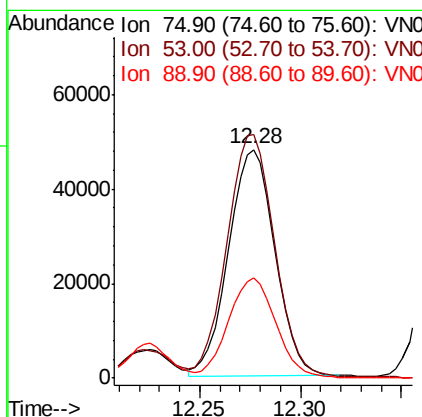
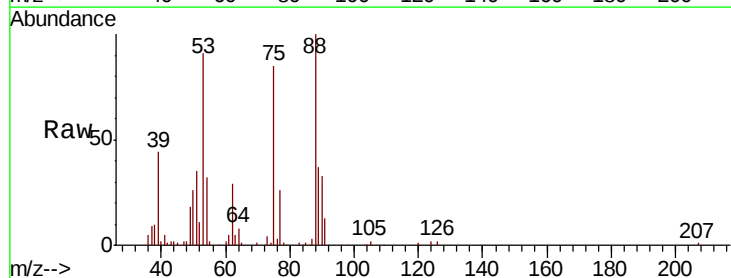
Instrument :
 MSVOA_N
 ClientSampleId :
 B-6-MW-2MS

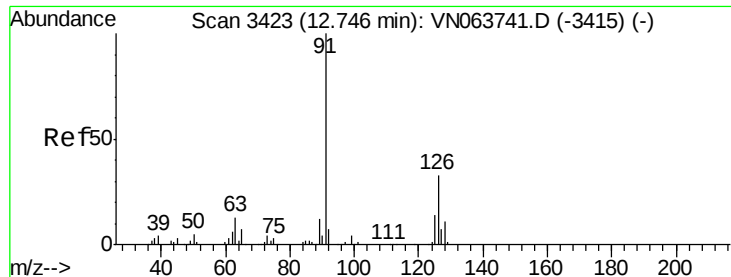
Tot Ion:105 Resp: 662041
 Ion Ratio Lower Upper
 105 100
 120 45.9 23.3 69.9



#81
 trans-1,4-Dichloro-2-butene
 Concen: 47.405 ug/l
 RT: 12.28 min Scan# 3277
 Delta R.T. 0.00 min
 Lab File: VN063956.D
 Acq: 7 Oct 2020 20:31

Tgt Ion: 75 Resp: 77661
 Ion Ratio Lower Upper
 75 100
 53 109.5 88.2 132.2
 89 45.4 36.0 54.0





#82

4-Chlorotoluene

Concen: 49.363 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN063956.D

Acq: 7 Oct 2020 20:31

Instrument :

MSVOA_N

ClientSampleId :

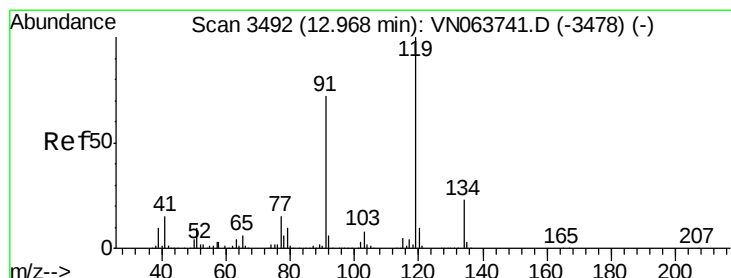
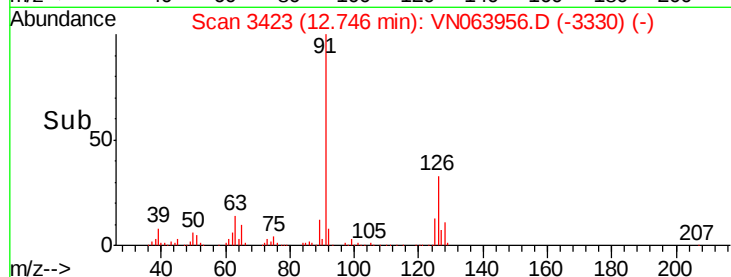
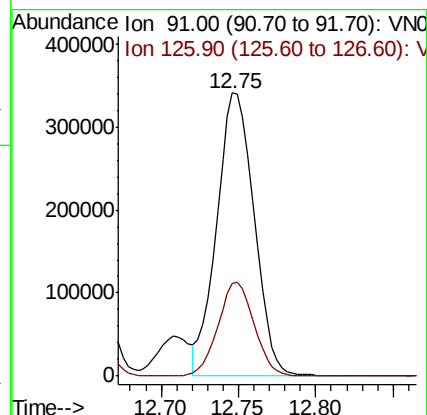
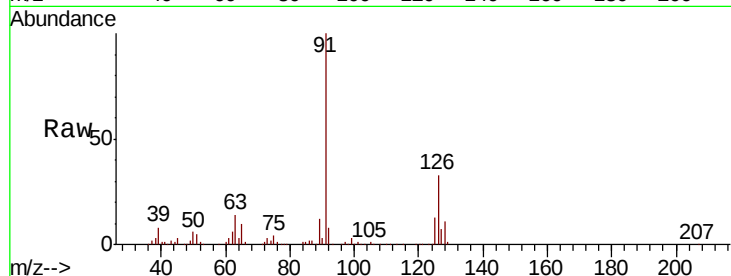
B-6-MW-2MS

Tot Ion: 91 Resp: 572637

Ion Ratio Lower Upper

91 100

126 32.2 15.4 46.2



#83

tert-Butylbenzene

Concen: 50.087 ug/l

RT: 12.97 min Scan# 3492

Delta R.T. 0.00 min

Lab File: VN063956.D

Acq: 7 Oct 2020 20:31

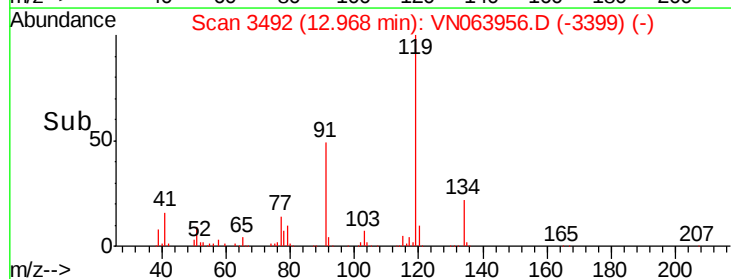
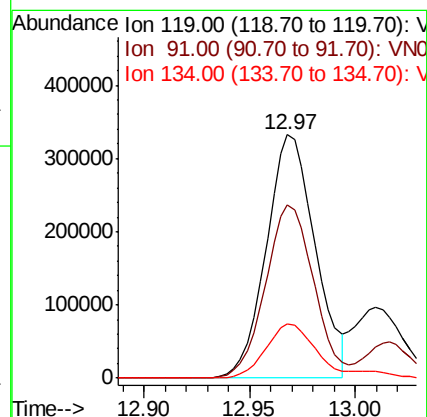
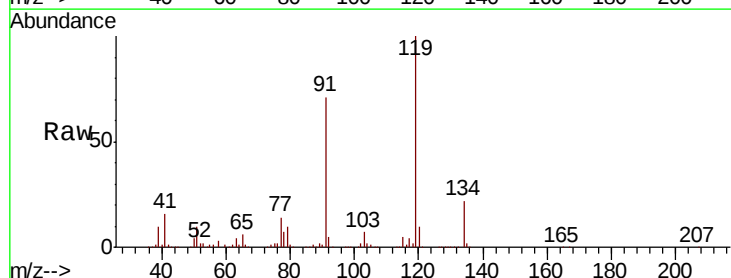
Tgt Ion: 119 Resp: 536625

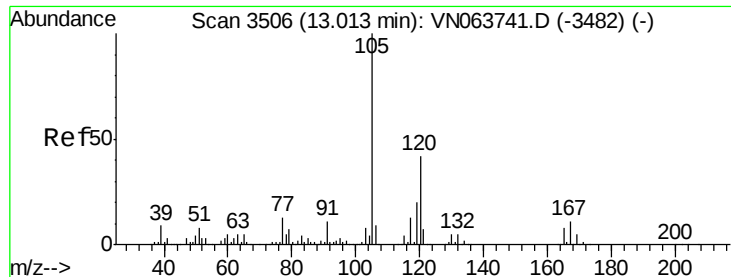
Ion Ratio Lower Upper

119 100

91 70.2 35.5 106.5

134 22.5 11.7 35.1

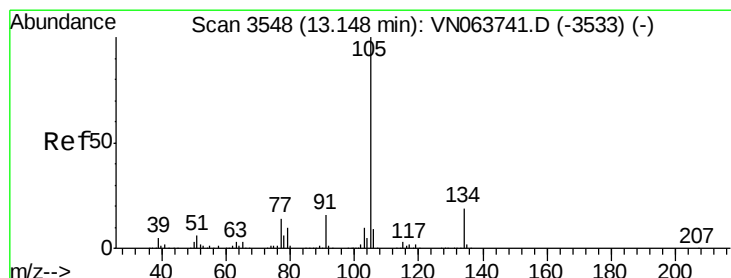
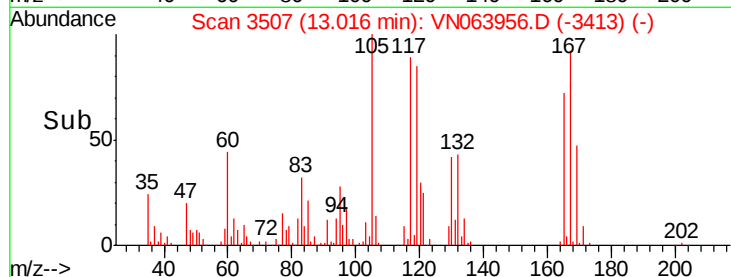
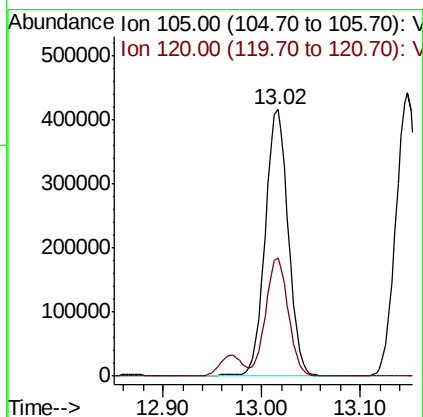
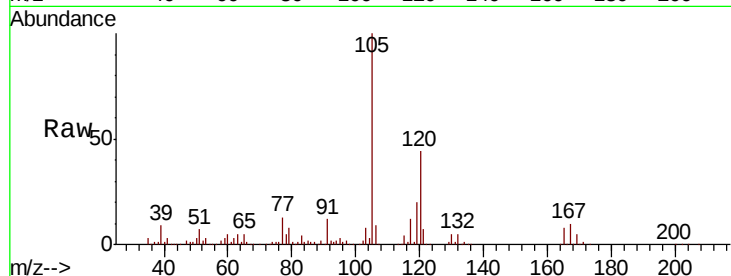




#84
1,2,4-Trimethylbenzene
Concen: 51.197 ug/l
RT: 13.02 min Scan# 3507
Delta R.T. 0.00 min
Lab File: VN063956.D
Acq: 7 Oct 2020 20:31

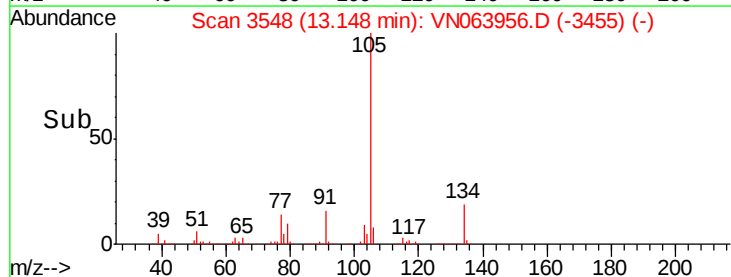
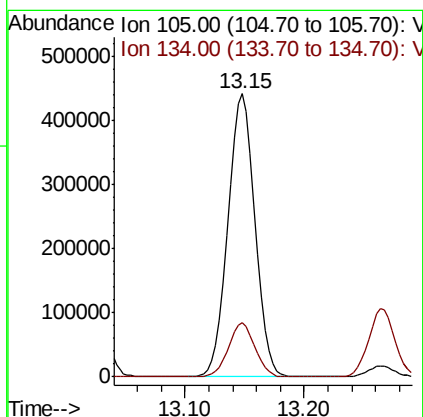
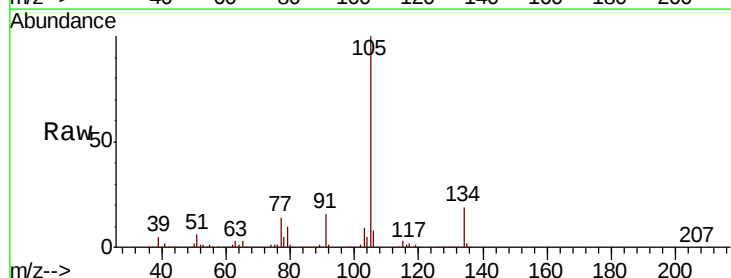
Instrument :
MSVOA_N
ClientSampled :
B-6-MW-2MS

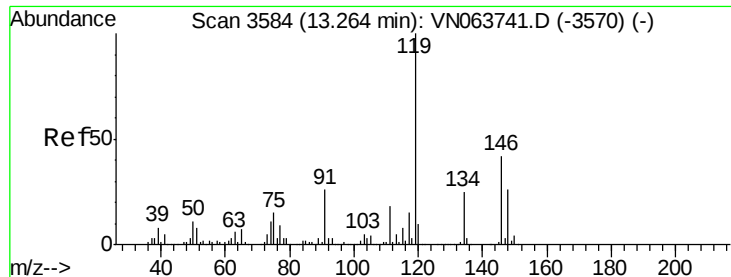
Tot Ion:105 Resp: 669503
Ion Ratio Lower Upper
105 100
120 43.2 20.9 62.7



#85
sec-Butylbenzene
Concen: 49.226 ug/l
RT: 13.15 min Scan# 3548
Delta R.T. 0.00 min
Lab File: VN063956.D
Acq: 7 Oct 2020 20:31

Tgt Ion:105 Resp: 692709
Ion Ratio Lower Upper
105 100
134 18.8 9.5 28.5

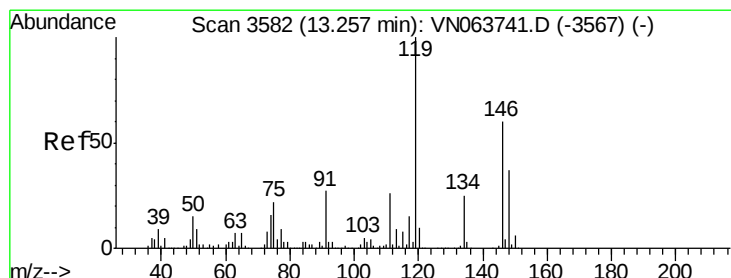
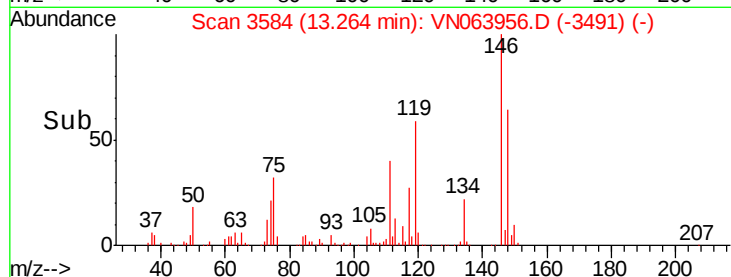
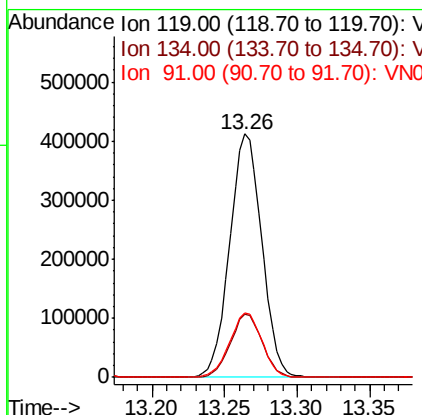
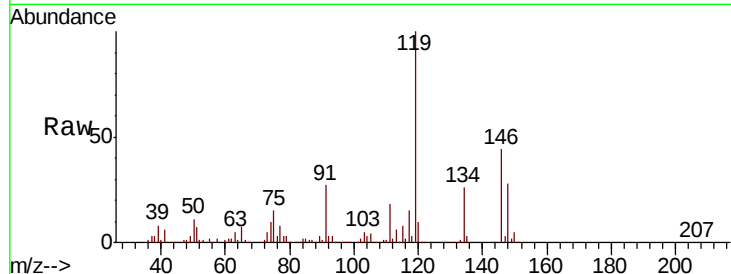




#86
p-Isopropyltoluene
Concen: 50.561 ug/l
RT: 13.26 min Scan# 3584
Delta R.T. 0.00 min
Lab File: VN063956.D
Acq: 7 Oct 2020 20:31

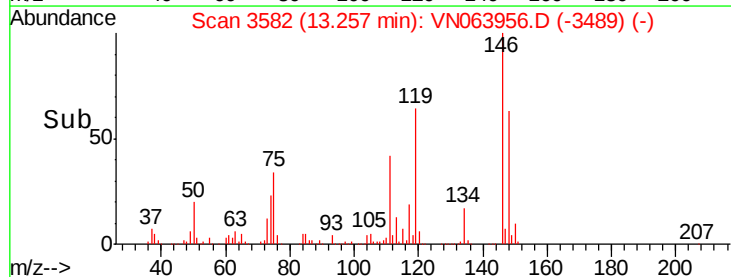
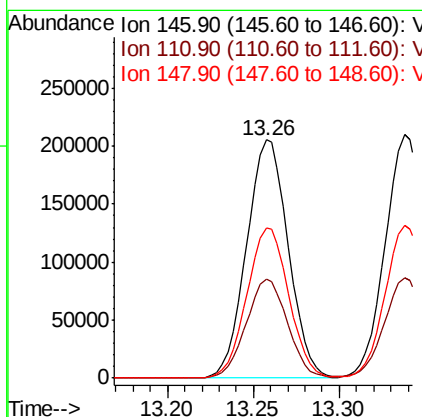
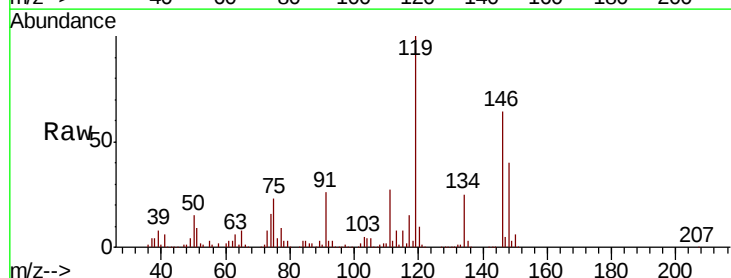
Instrument :
MSVOA_N
ClientSampleId :
B-6-MW-2MS

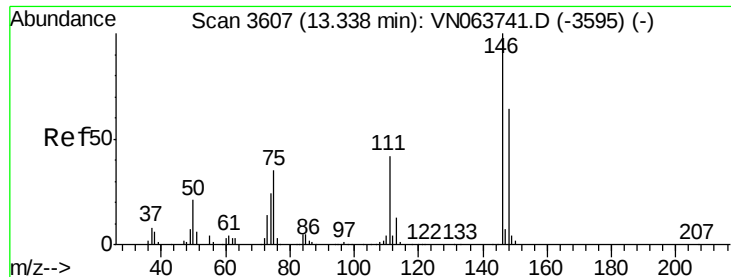
Tot Ion:119 Resp: 629422
Ion Ratio Lower Upper
119 100
134 26.0 12.6 37.8
91 26.5 13.4 40.2



#87
1,3-Dichlorobenzene
Concen: 49.997 ug/l
RT: 13.26 min Scan# 3582
Delta R.T. 0.00 min
Lab File: VN063956.D
Acq: 7 Oct 2020 20:31

Tgt Ion:146 Resp: 346505
Ion Ratio Lower Upper
146 100
111 41.1 21.5 64.5
148 63.3 31.1 93.3

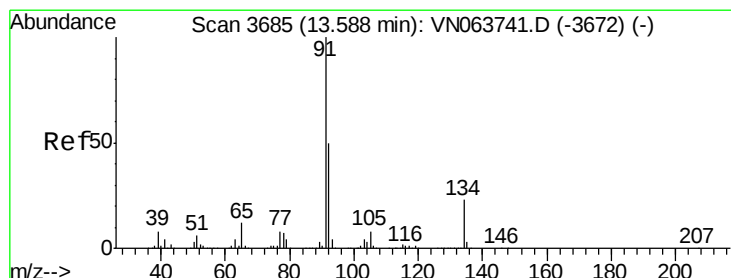
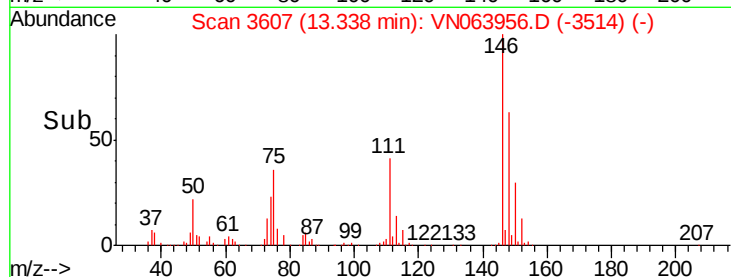
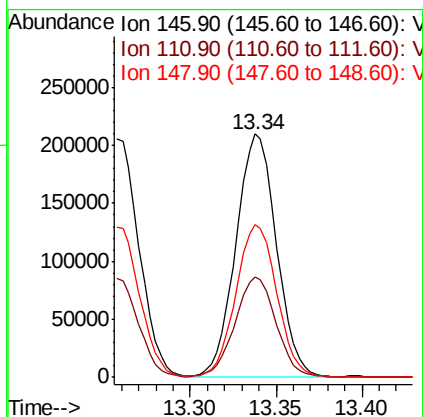
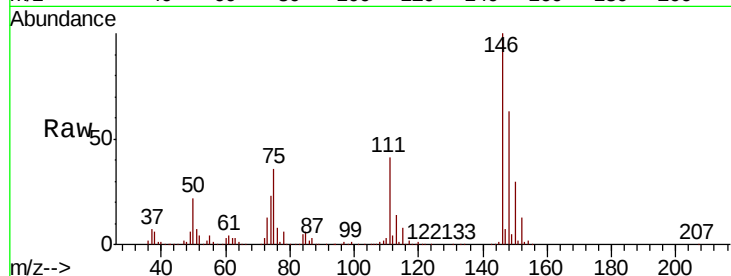




#88
 1,4-Dichlorobenzene
 Concen: 47.309 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN063956.D
 Acq: 7 Oct 2020 20:31

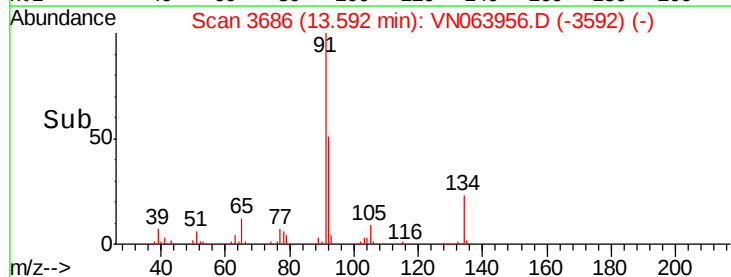
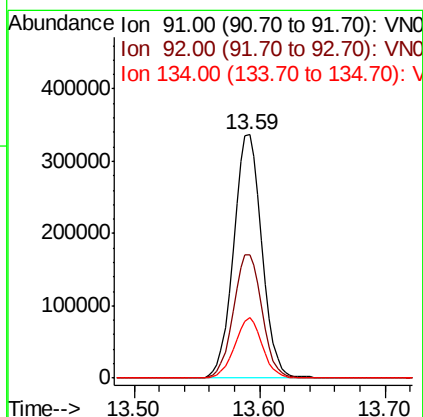
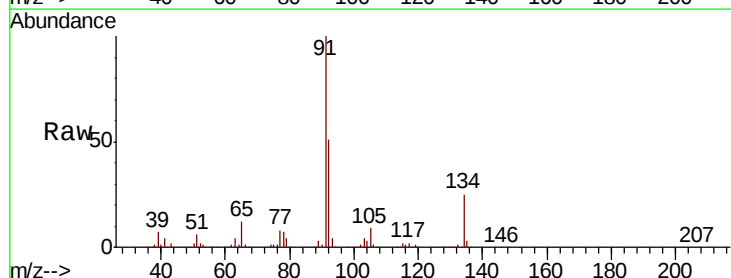
Instrument :
 MSVOA_N
 ClientSampled :
 B-6-MW-2MS

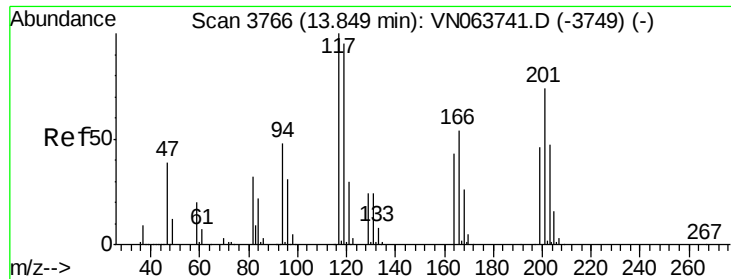
Tot Ion:146 Resp: 341394
 Ion Ratio Lower Upper
 146 100
 111 41.8 21.3 63.7
 148 63.6 32.0 96.0



#89
 n-Butylbenzene
 Concen: 45.814 ug/l
 RT: 13.59 min Scan# 3686
 Delta R.T. 0.00 min
 Lab File: VN063956.D
 Acq: 7 Oct 2020 20:31

Tgt Ion: 91 Resp: 526392
 Ion Ratio Lower Upper
 91 100
 92 51.6 25.4 76.4
 134 24.1 11.7 35.1

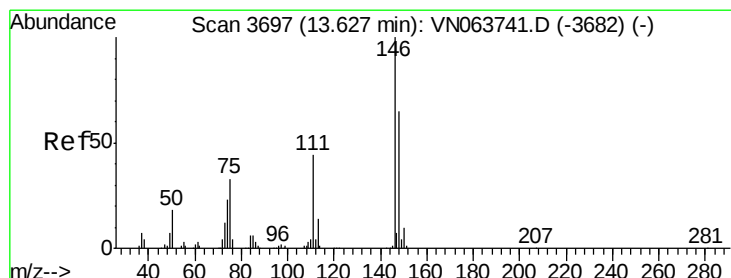
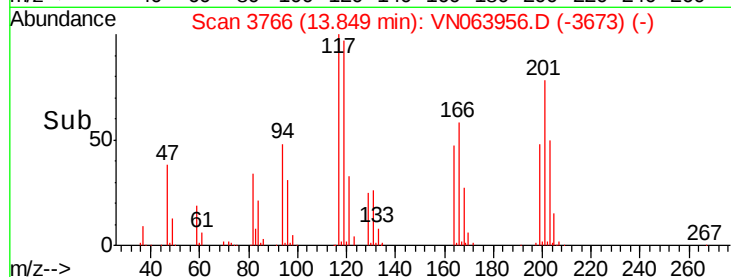
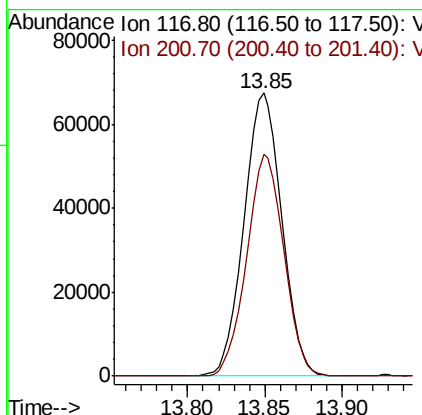
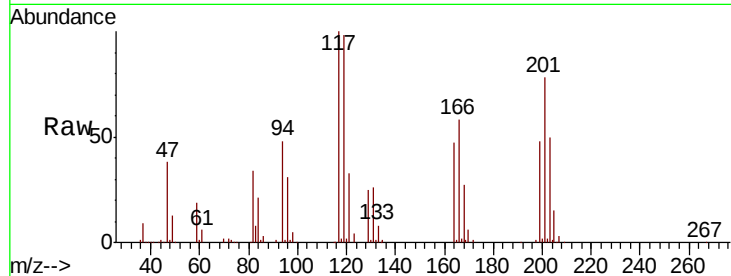




#90
Hexachloroethane
Concen: 47.592 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN063956.D
Acq: 7 Oct 2020 20:31

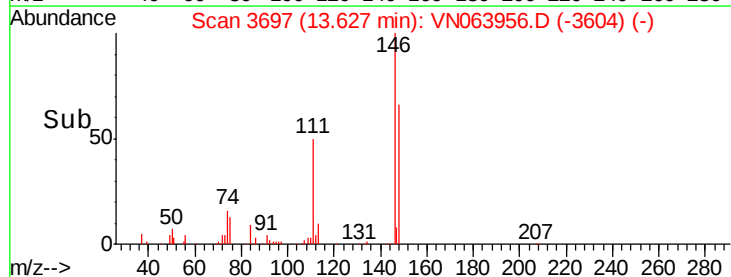
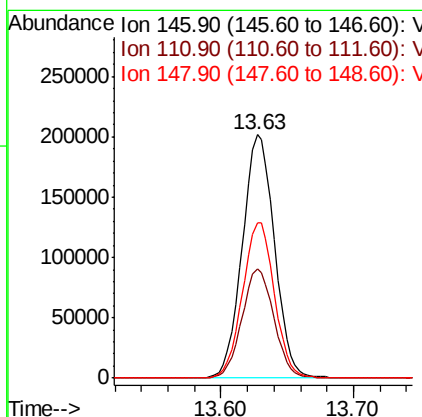
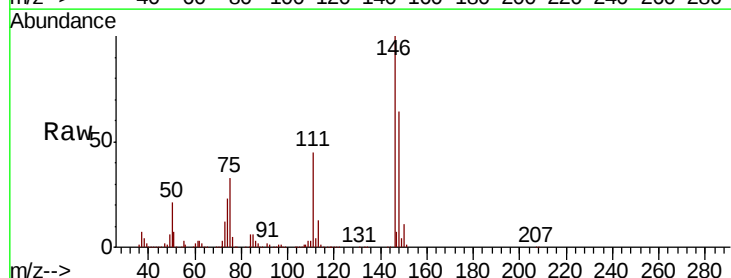
Instrument :
MSVOA_N
ClientSampleId :
B-6-MW-2MS

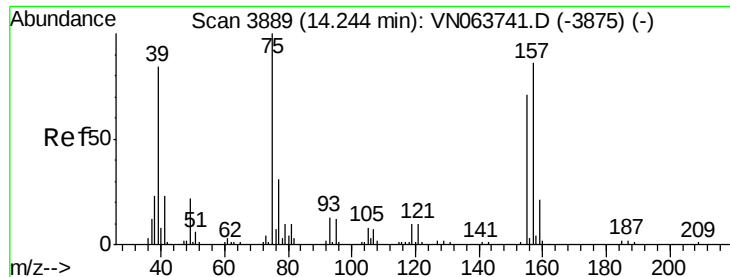
Tot Ion:117 Resp: 114807
Ion Ratio Lower Upper
117 100
201 77.2 36.0 108.0



#91
1,2-Dichlorobenzene
Concen: 49.582 ug/l
RT: 13.63 min Scan# 3697
Delta R.T. 0.00 min
Lab File: VN063956.D
Acq: 7 Oct 2020 20:31

Tgt Ion:146 Resp: 340359
Ion Ratio Lower Upper
146 100
111 44.5 22.2 66.6
148 63.2 32.5 97.4





#92

1,2-Dibromo-3-Chloropropane

Concen: 48.445 ug/l

RT: 14.24 min Scan# 3889

Delta R.T. 0.00 min

Lab File: VN063956.D

Acq: 7 Oct 2020 20:31

Instrument :

MSVOA_N

ClientSampleId :

B-6-MW-2MS

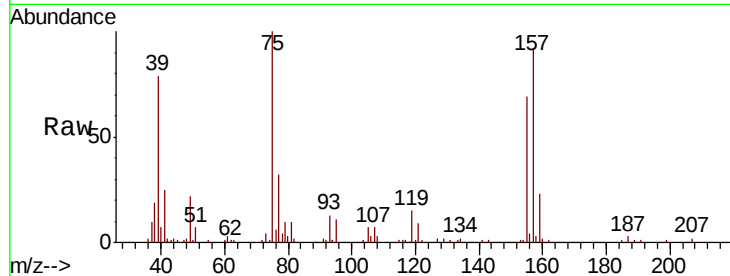
Tot Ion: 75 Resp: 54240

Ion Ratio Lower Upper

75 100

155 71.6 34.8 104.5

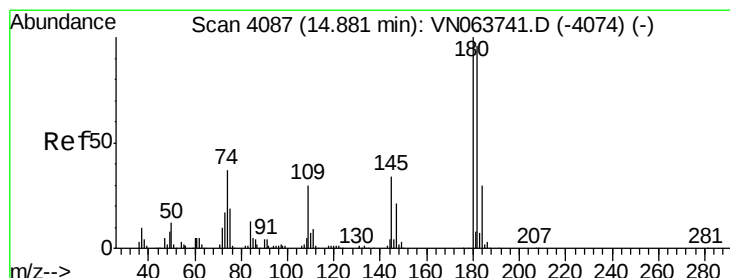
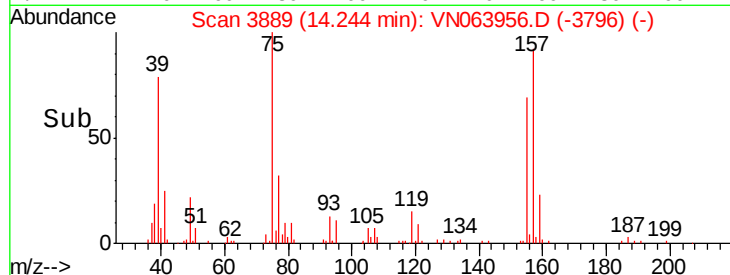
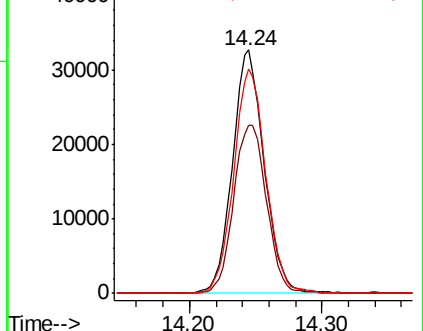
157 93.2 43.7 131.1



Abundance Ion 74.90 (74.60 to 75.60): VN063741.D (-3875) (-)

Ion 154.80 (154.50 to 155.50): VN063741.D (-3875) (-)

Ion 156.80 (156.50 to 157.50): VN063741.D (-3875) (-)



#93

1,2,4-Trichlorobenzene

Concen: 45.327 ug/l

RT: 14.88 min Scan# 4088

Delta R.T. 0.00 min

Lab File: VN063956.D

Acq: 7 Oct 2020 20:31

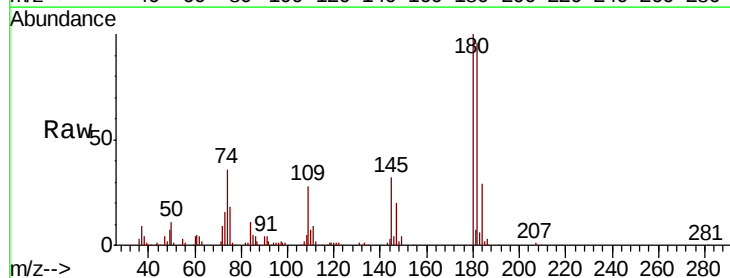
Tgt Ion: 180 Resp: 168563

Ion Ratio Lower Upper

180 100

182 96.0 48.2 144.6

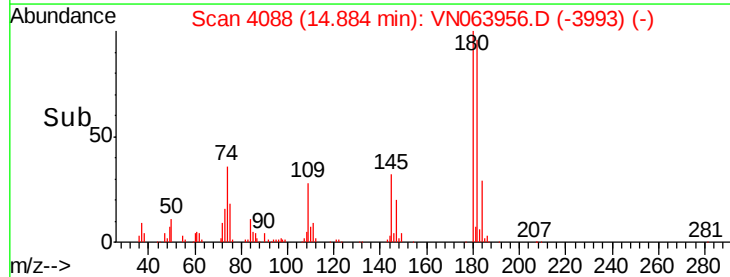
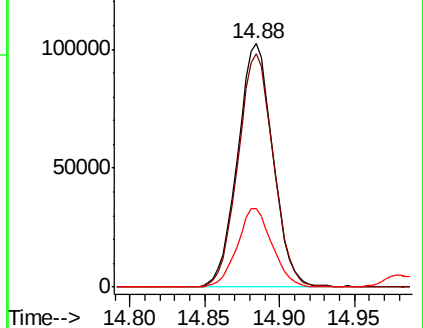
145 32.1 17.1 51.2

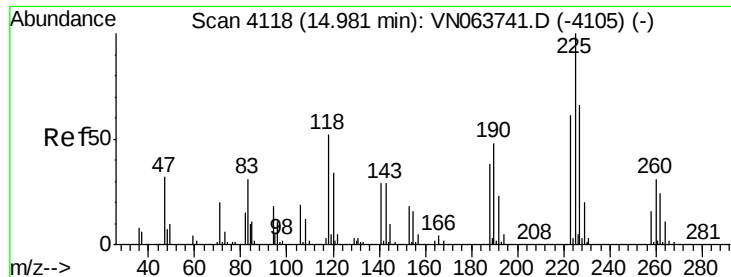


Abundance Ion 179.80 (179.50 to 180.50): VN063741.D (-4074) (-)

Ion 181.80 (181.50 to 182.50): VN063741.D (-4074) (-)

Ion 144.80 (144.50 to 145.50): VN063741.D (-4074) (-)





#94

Hexachlorobutadiene

Concen: 47.737 ug/l

RT: 14.98 min Scan# 4119

Delta R.T. 0.00 min

Lab File: VN063956.D

Acq: 7 Oct 2020 20:31

Instrument :

MSVOA_N

ClientSampleId :

B-6-MW-2MS

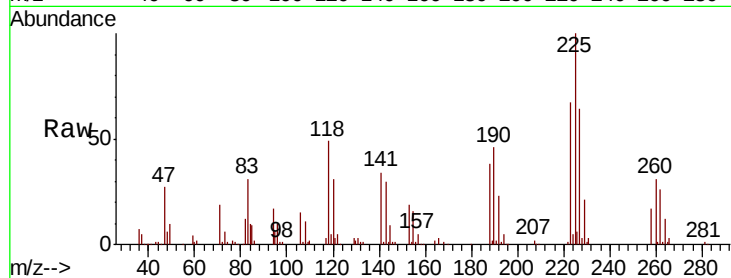
Tot Ion:225 Resp: 88844

Ion Ratio Lower Upper

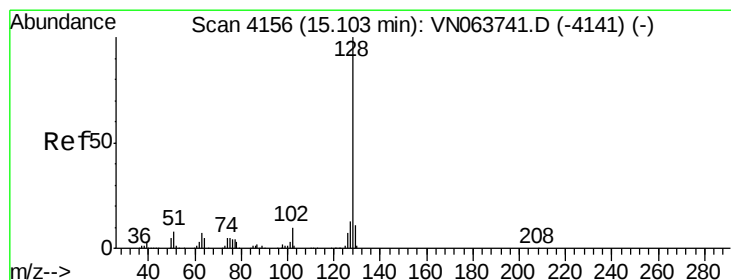
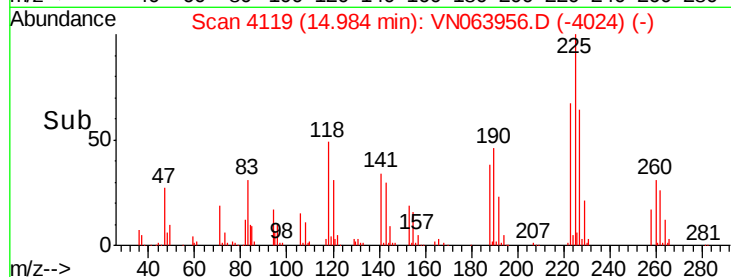
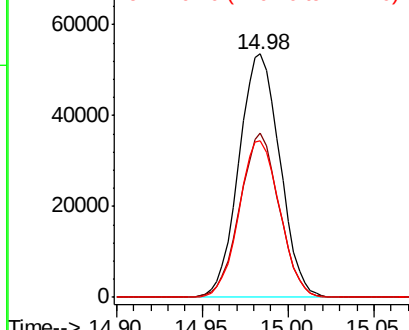
225 100

223 64.8 30.3 91.0

227 63.8 31.9 95.5



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 53.018 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN063956.D

Acq: 7 Oct 2020 20:31

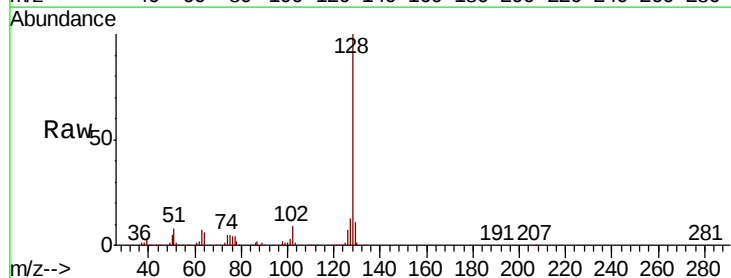
Tgt Ion:128 Resp: 613729

Ion Ratio Lower Upper

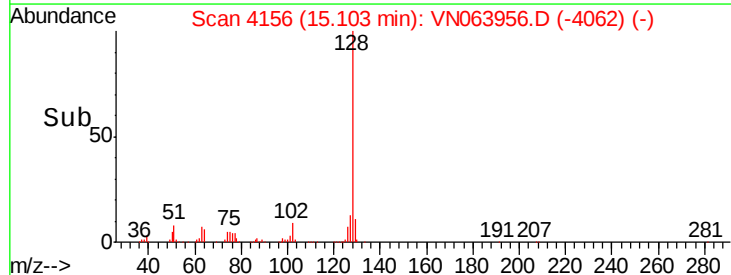
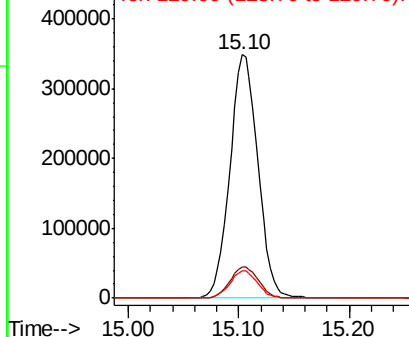
128 100

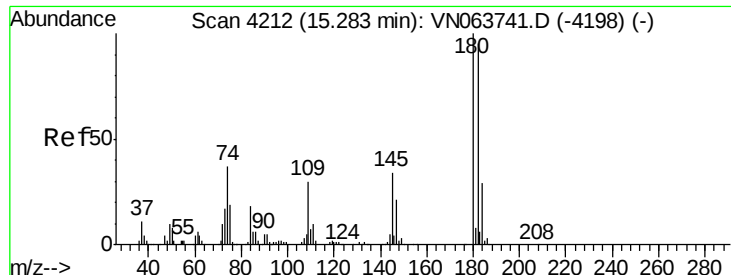
127 13.0 10.5 15.7

129 11.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 46.238 ug/l
 RT: 15.29 min Scan# 4213
 Delta R.T. 0.00 min
 Lab File: VN063956.D
 Acq: 7 Oct 2020 20:31

Instrument :
 MSVOA_N
 ClientSampleId :
 B-6-MW-2MS

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.9	143.6
145	34.0	17.2	51.5

