

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100720\
 Data File : VN063945.D
 Acq On : 7 Oct 2020 16:07
 Operator : JC/MD
 Sample : L4293-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 B-7-MW-3

Quant Time: Oct 08 05:01:26 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

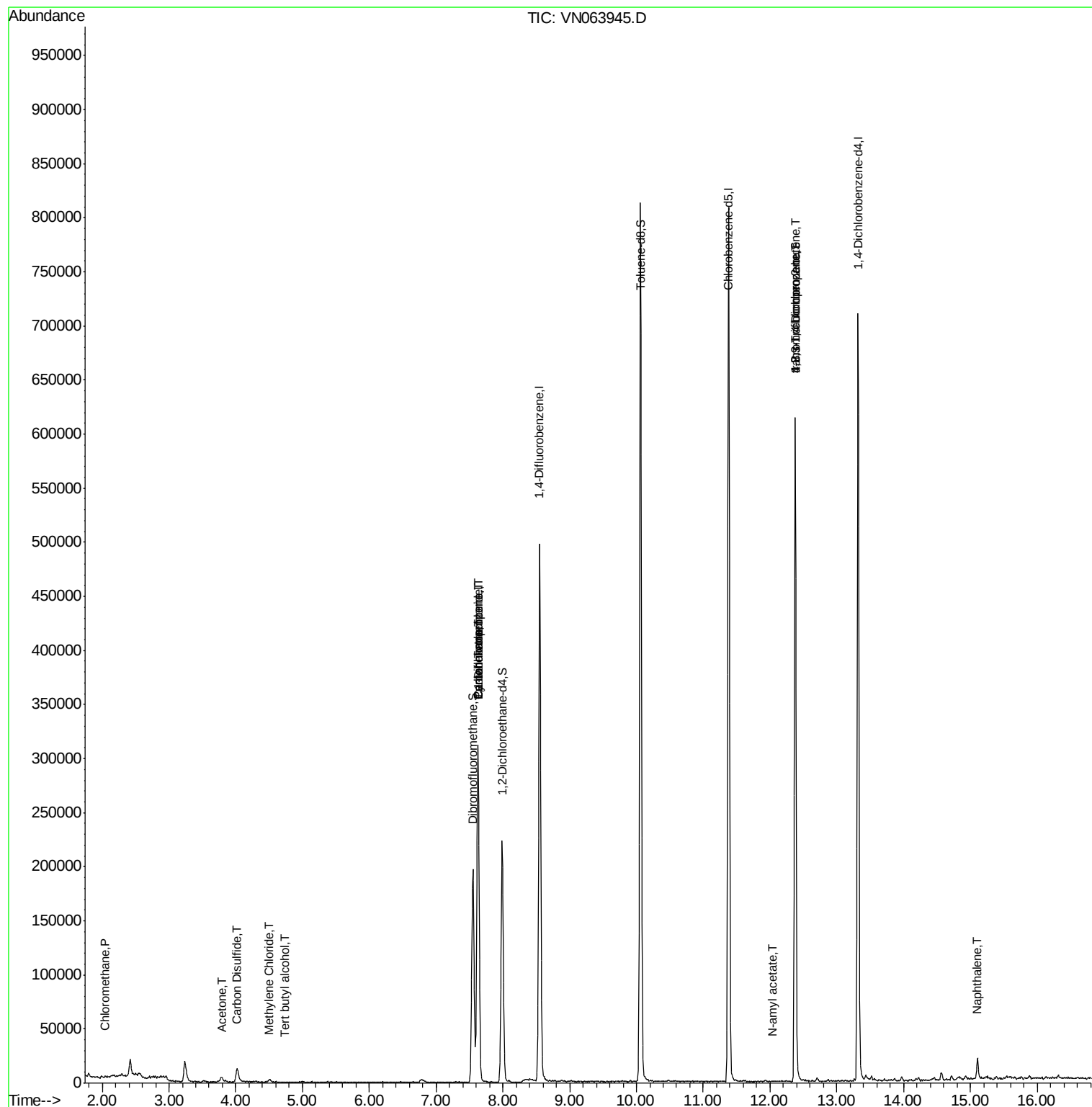
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	228817	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	414463	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	433634	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	178847	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	204046	53.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.96%	
35) Dibromofluoromethane	7.55	113	144125	50.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.24%	
50) Toluene-d8	10.06	98	532631	48.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.72%	
62) 4-Bromofluorobenzene	12.38	95	205698	50.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.38%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.04	50	1638	0.578	ug/l	100
11) Tert butyl alcohol	4.73	59	121	0.290	ug/l #	71
16) Acetone	3.78	43	8766	7.533	ug/l	100
17) Carbon Disulfide	4.01	76	393	0.763	ug/l #	76
20) Methylene Chloride	4.50	84	1057	0.494	ug/l	88
31) Cyclohexane	7.62	56	6049	1.378	ug/l #	11
36) 1,1-Dichloropropene	7.63	75	19949	4.751	ug/l #	49
38) Carbon Tetrachloride	7.63	117	24958	5.301	ug/l #	18
74) N-amyl acetate	12.04	43	137	2.238	ug/l #	46
76) 1,2,3-Trichloropropane	12.38	75	112457	28.524	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	112457	82.155	ug/l #	6
95) Naphthalene	15.11	128	16779	3.596	ug/l #	95

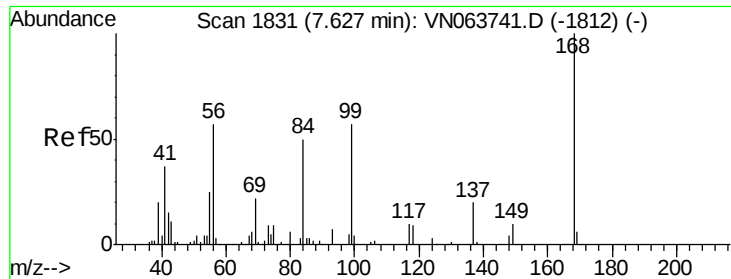
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN100720\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 01 01:46:38 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063945.D

Acq: 7 Oct 2020 16:07

Instrument :

MSVOA_N

ClientSampleId :

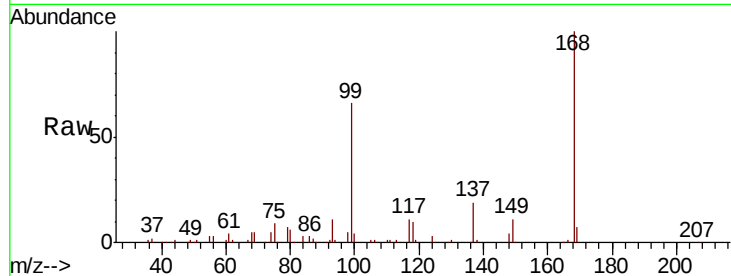
B-7-MW-3

Tot Ion:168 Resp: 228817

Ion Ratio Lower Upper

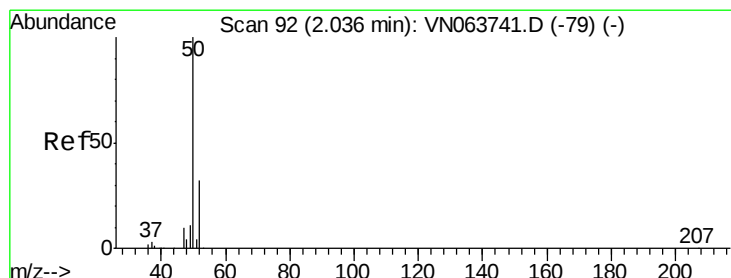
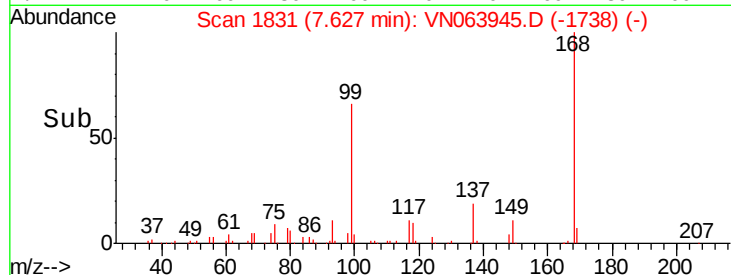
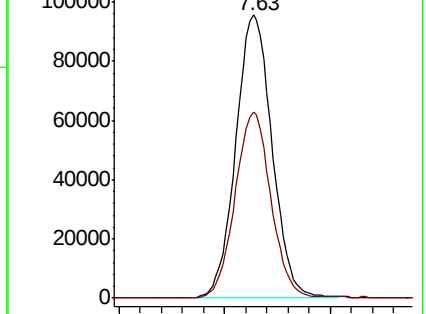
168 100

99 65.9 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#3

Chloromethane

Concen: 0.578 ug/l

RT: 2.04 min Scan# 94

Delta R.T. 0.01 min

Lab File: VN063945.D

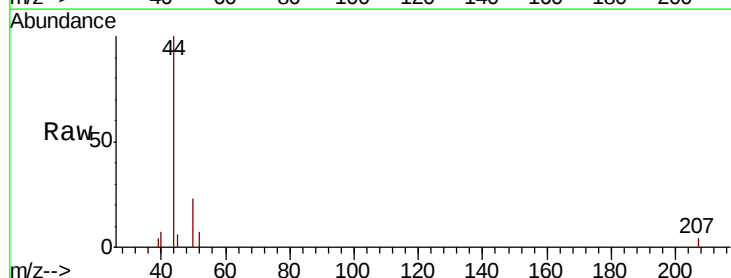
Acq: 7 Oct 2020 16:07

Tgt Ion: 50 Resp: 1638

Ion Ratio Lower Upper

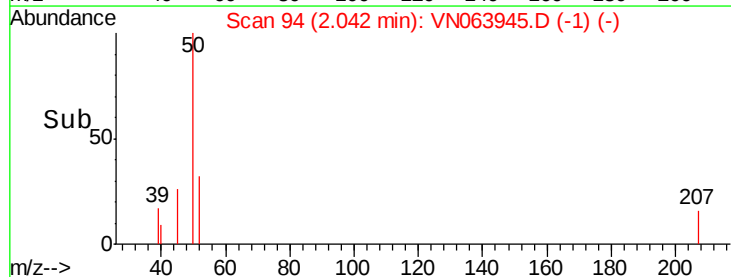
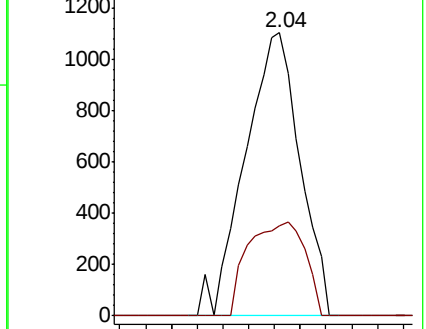
50 100

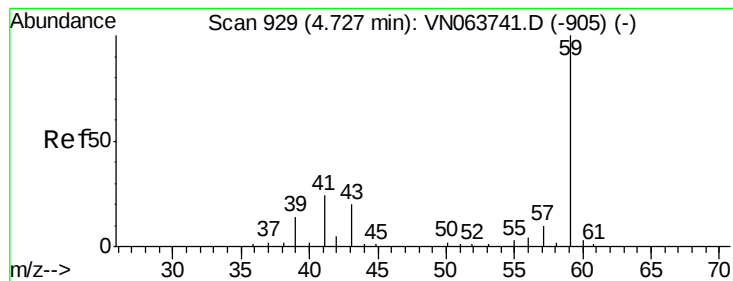
52 32.0 25.8 38.8



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



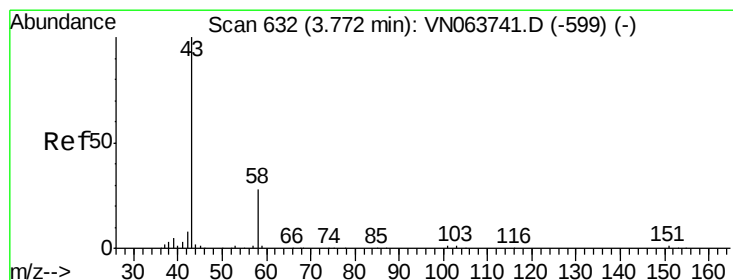
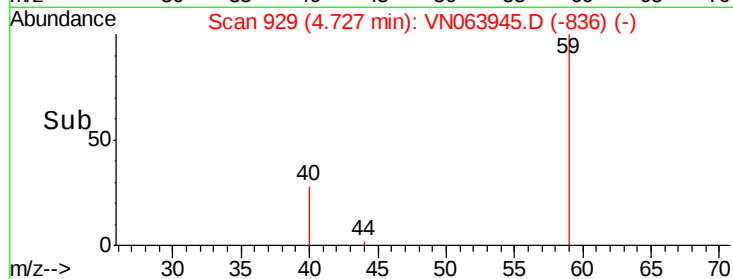
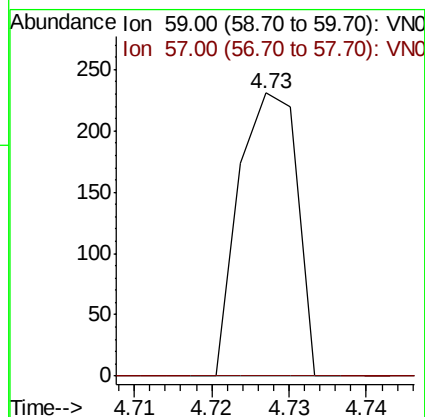
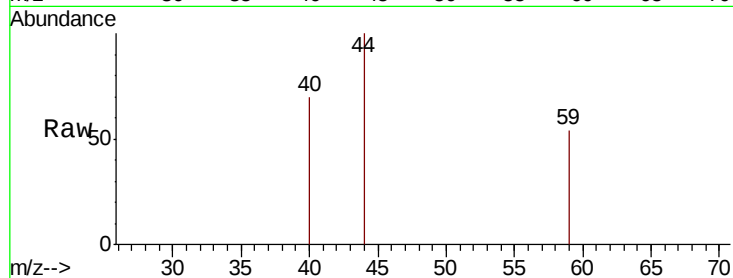


#11

Tert butyl alcohol
 Concen: 0.290 ug/l
 RT: 4.73 min Scan# 929
 Delta R.T. 0.00 min
 Lab File: VN063945.D
 Acq: 7 Oct 2020 16:07

Instrument :
 MSVOA_N
 ClientSampled :
 B-7-MW-3

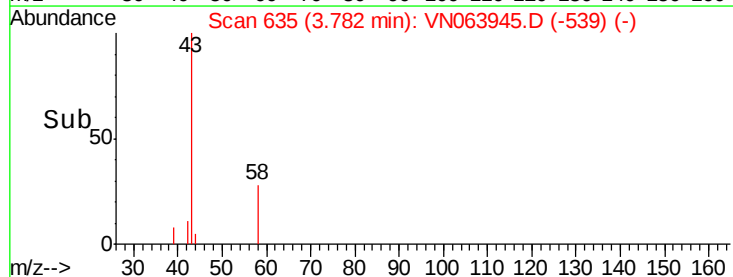
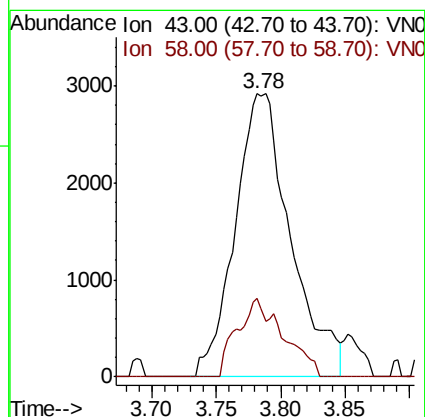
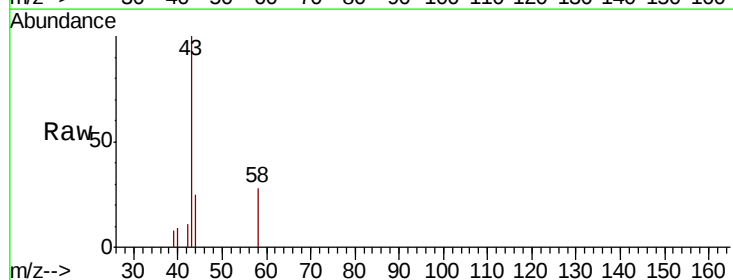
Tot Ion: 59 Resp: 121
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.7 13.1#

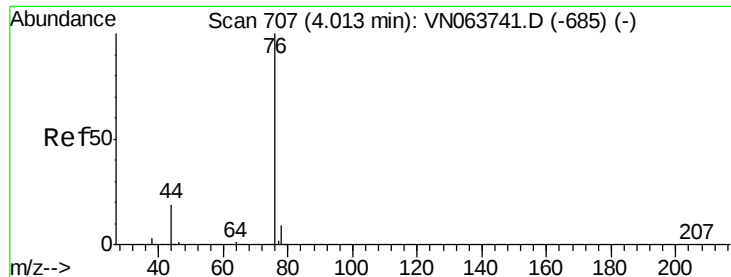


#16

Acetone
 Concen: 7.533 ug/l
 RT: 3.78 min Scan# 635
 Delta R.T. 0.01 min
 Lab File: VN063945.D
 Acq: 7 Oct 2020 16:07

Tgt Ion: 43 Resp: 8766
 Ion Ratio Lower Upper
 43 100
 58 27.8 22.3 33.5

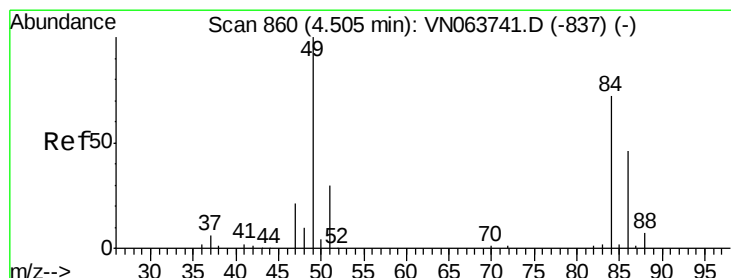
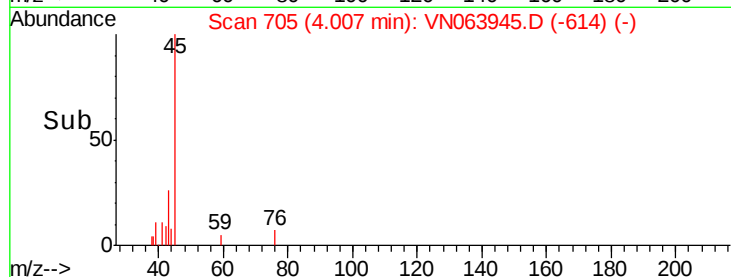
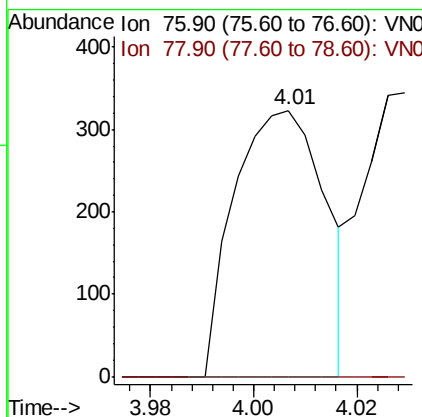
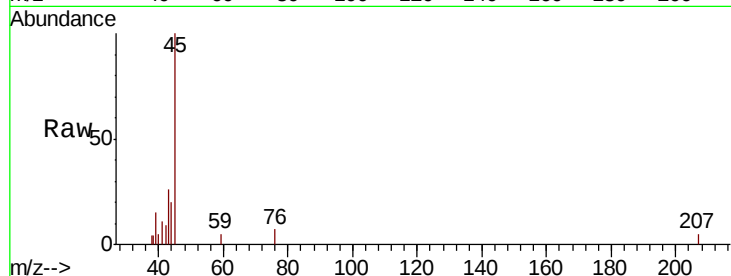




#17
Carbon Disulfide
Concen: 0.763 ug/l
RT: 4.01 min Scan# 705
Delta R.T. -0.01 min
Lab File: VN063945.D
Acq: 7 Oct 2020 16:07

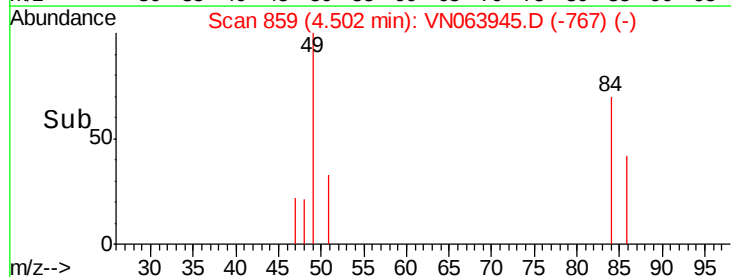
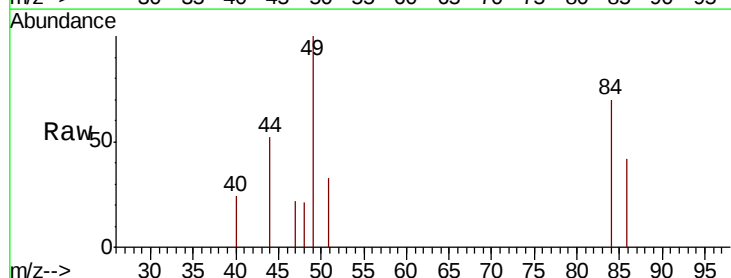
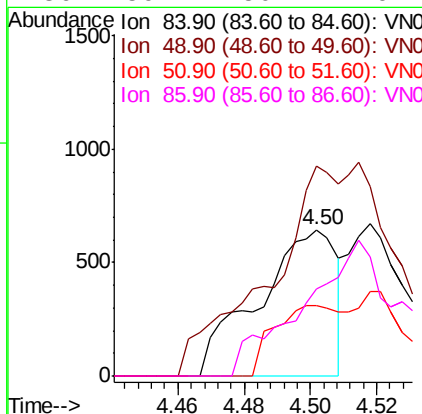
Instrument :
MSVOA_N
ClientSampleId :
B-7-MW-3

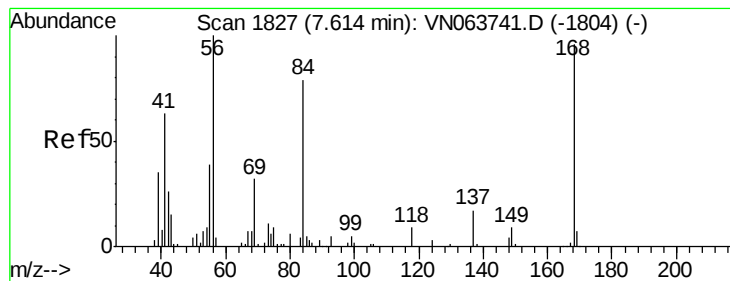
Tot Ion: 76 Resp: 393
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.4#



#20
Methylene Chloride
Concen: 0.494 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN063945.D
Acq: 7 Oct 2020 16:07

Tgt Ion: 84 Resp: 1057
Ion Ratio Lower Upper
84 100
49 118.1 110.4 165.6
51 48.1 33.3 49.9
86 59.7 50.7 76.1





#31

Cyclohexane

Concen: 1.378 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. 0.01 min

Lab File: VN063945.D

Acq: 7 Oct 2020 16:07

Instrument :

MSVOA_N

ClientSampled :

B-7-MW-3

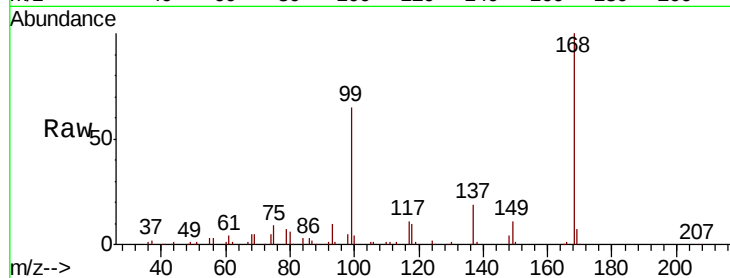
Tot Ion: 56 Resp: 6049

Ion Ratio Lower Upper

56 100

69 173.1 25.4 38.2#

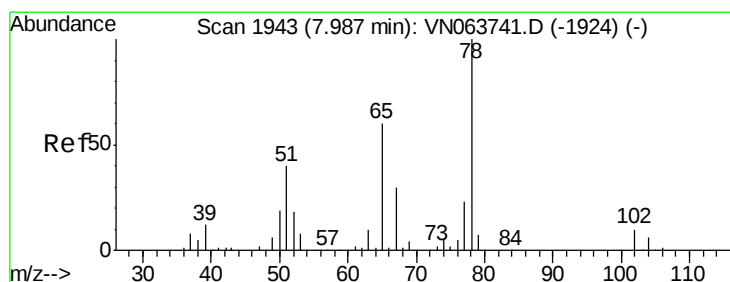
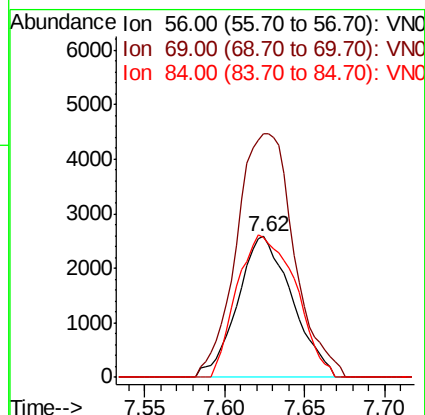
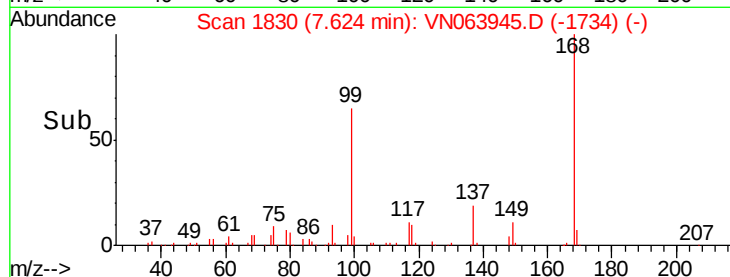
84 99.5 63.3 94.9#



Abundance Ion 56.00 (55.70 to 56.70): VN063945.D (-1734) (-)

Ion 69.00 (68.70 to 69.70): VN063945.D (-1734) (-)

Ion 84.00 (83.70 to 84.70): VN063945.D (-1734) (-)



#33

1,2-Dichloroethane-d4

Concen: 53.977 ug/l

RT: 7.99 min Scan# 1944

Delta R.T. 0.00 min

Lab File: VN063945.D

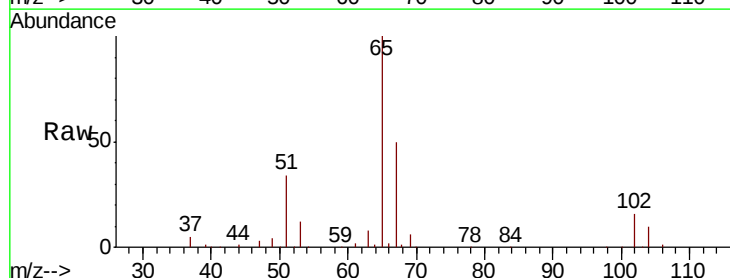
Acq: 7 Oct 2020 16:07

Tgt Ion: 65 Resp: 204046

Ion Ratio Lower Upper

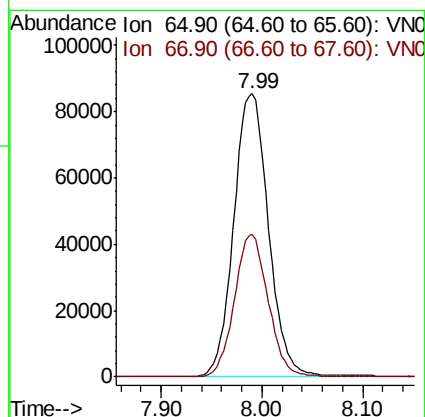
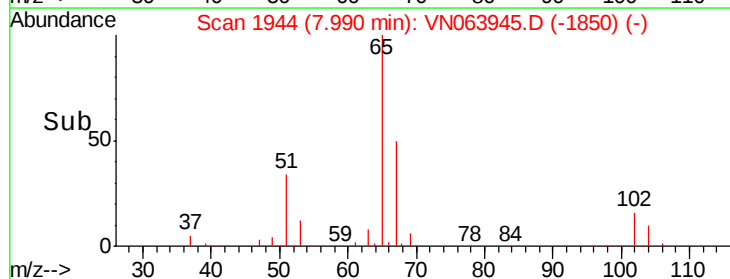
65 100

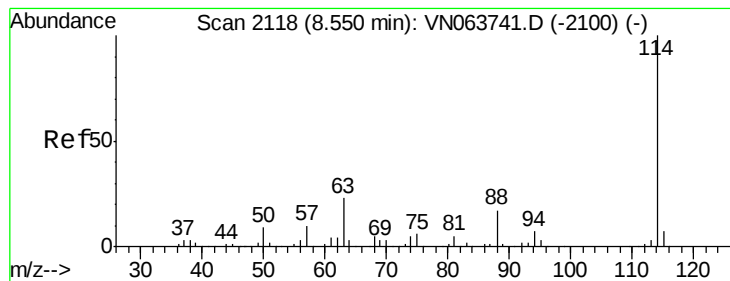
67 48.8 0.0 99.6



Abundance Ion 64.90 (64.60 to 65.60): VN063945.D (-1850) (-)

Ion 66.90 (66.60 to 67.60): VN063945.D (-1850) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN063945.D

Acq: 7 Oct 2020 16:07

Instrument :

MSVOA_N

ClientSampled :

B-7-MW-3

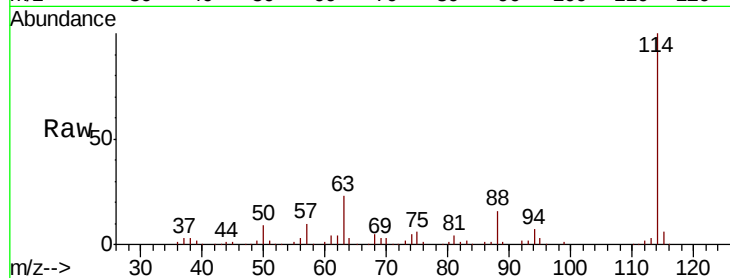
Tot Ion:114 Resp: 414463

Ion Ratio Lower Upper

114 100

63 22.8 0.0 45.0

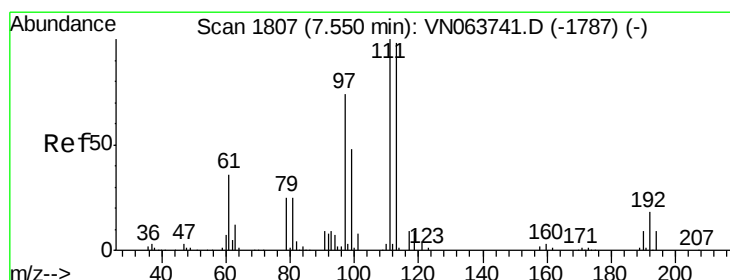
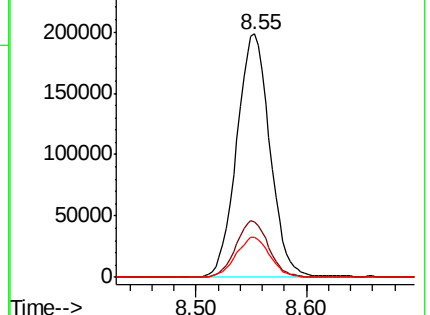
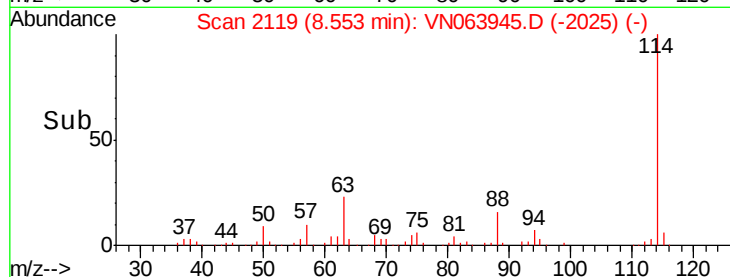
88 16.5 0.0 34.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 50.115 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN063945.D

Acq: 7 Oct 2020 16:07

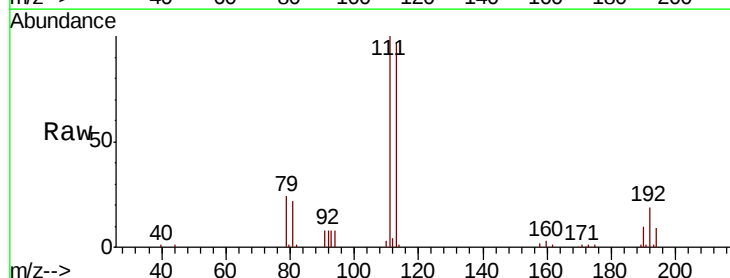
Tgt Ion:113 Resp: 144125

Ion Ratio Lower Upper

113 100

111 105.4 81.8 122.8

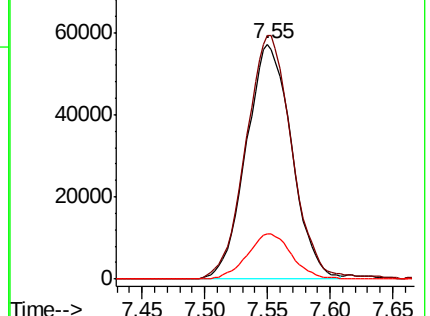
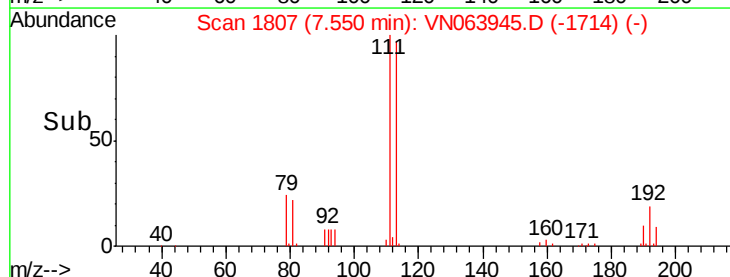
192 18.9 14.2 21.2

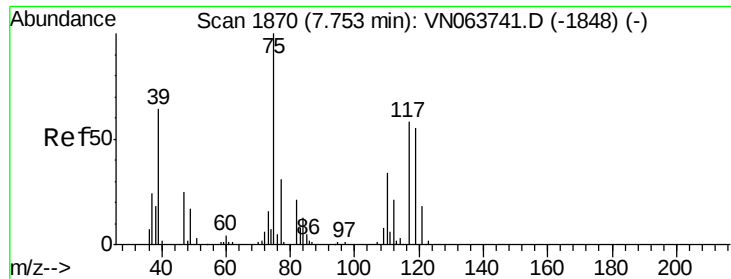


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

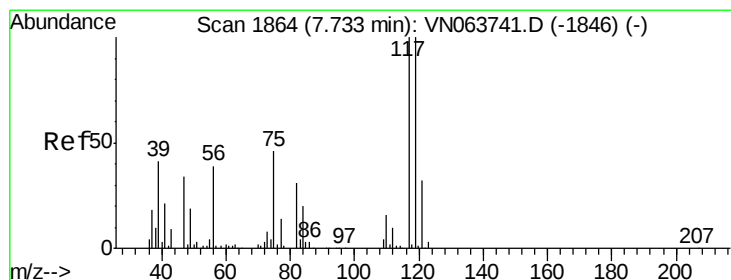
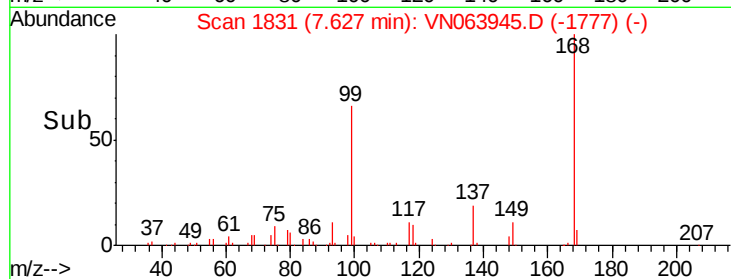
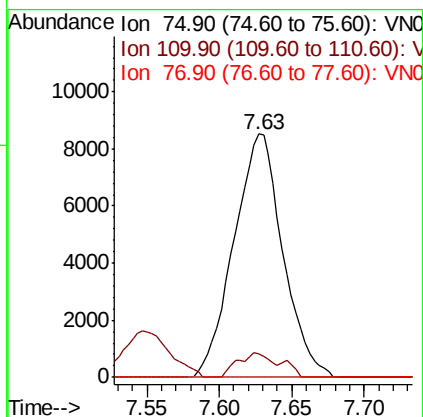
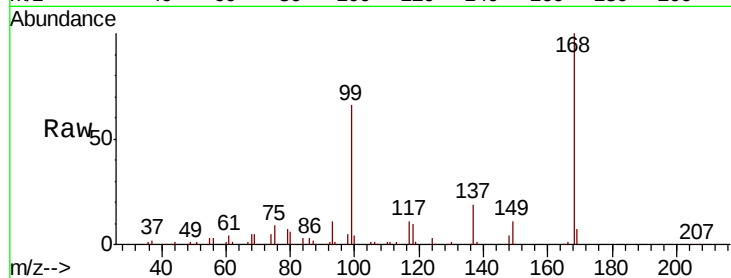




#36
 1,1-Dichloropropene
 Concen: 4.751 ug/l
 RT: 7.63 min Scan# 1831
 Delta R.T. -0.13 min
 Lab File: VN063945.D
 Acq: 7 Oct 2020 16:07

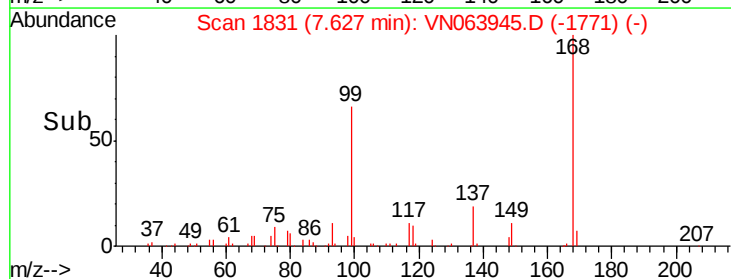
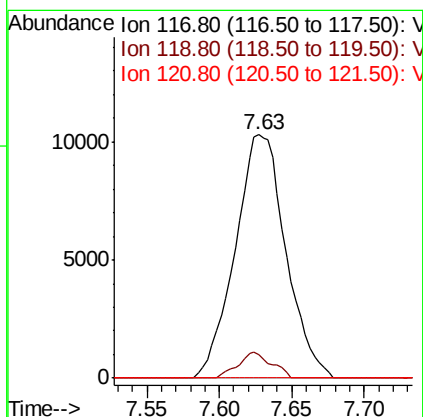
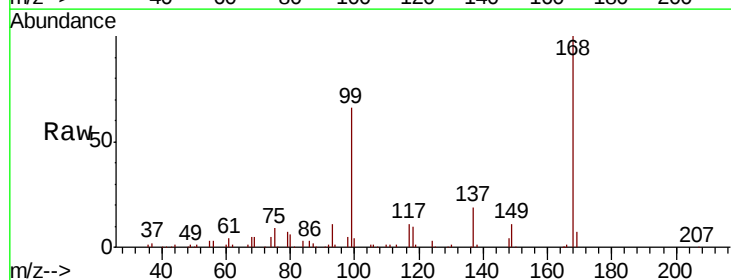
Instrument :
 MSVOA_N
 ClientSampled :
 B-7-MW-3

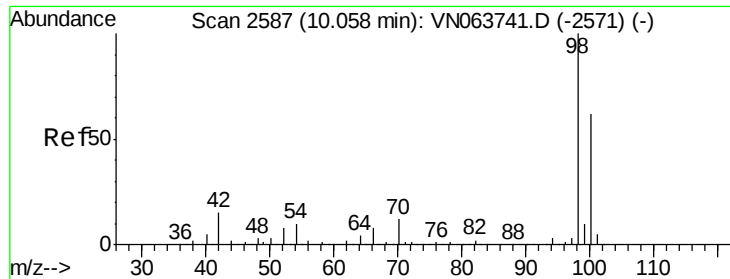
Tot Ion	Ratio	Lower	Upper
75	100		
110	6.9	16.9	50.6#
77	0.0	24.5	36.7#



#38
 Carbon Tetrachloride
 Concen: 5.301 ug/l
 RT: 7.63 min Scan# 1831
 Delta R.T. -0.11 min
 Lab File: VN063945.D
 Acq: 7 Oct 2020 16:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	9.8	80.1	120.1#
121	0.0	25.7	38.5#

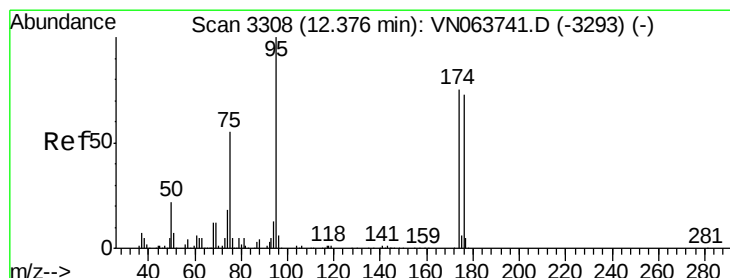
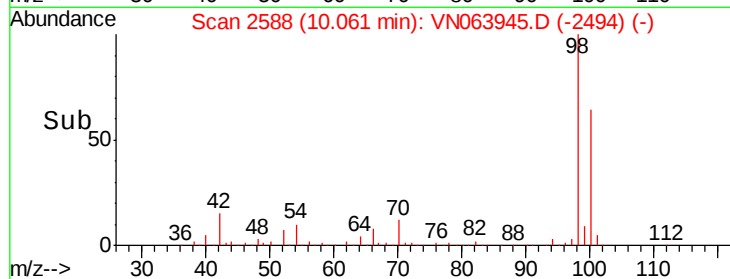
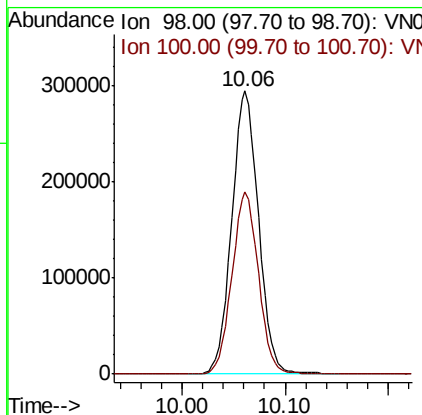
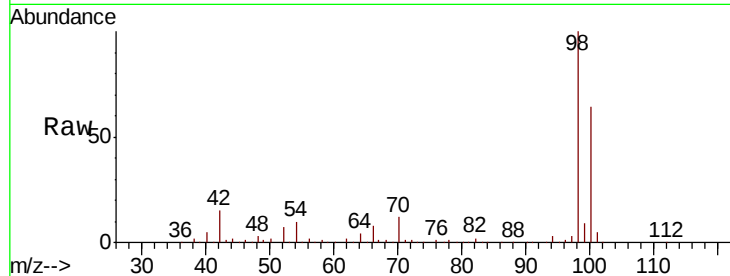




#50
Toluene-d8
Concen: 48.856 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN063945.D
Acq: 7 Oct 2020 16:07

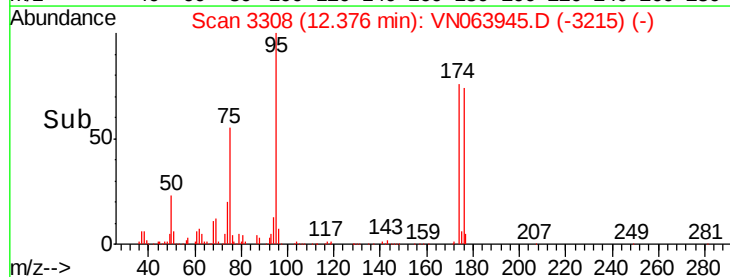
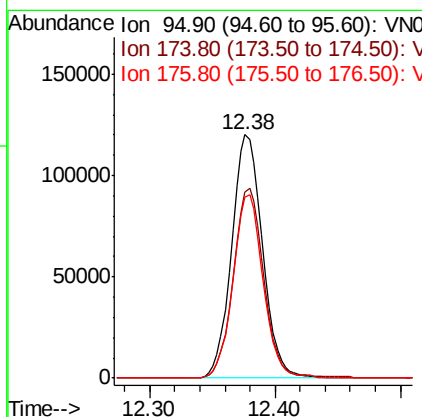
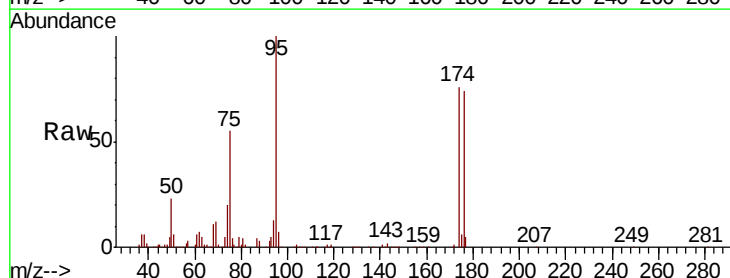
Instrument :
MSVOA_N
ClientSampleId :
B-7-MW-3

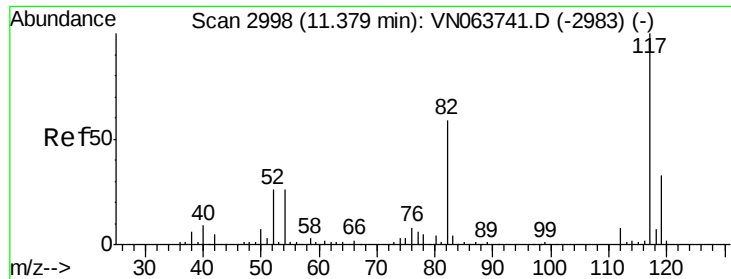
Tot Ion: 98 Resp: 532631
Ion Ratio Lower Upper
98 100
100 63.8 49.8 74.6



#62
4-Bromofluorobenzene
Concen: 50.192 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN063945.D
Acq: 7 Oct 2020 16:07

Tgt Ion: 95 Resp: 205698
Ion Ratio Lower Upper
95 100
174 76.7 0.0 150.6
176 73.3 0.0 145.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2999

Delta R.T. 0.00 min

Lab File: VN063945.D

Acq: 7 Oct 2020 16:07

Instrument :

MSVOA_N

ClientSampleId :

B-7-MW-3

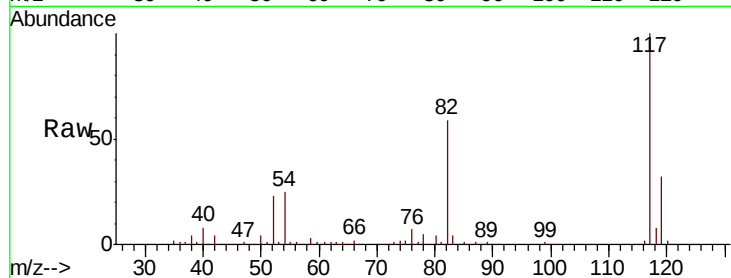
Tot Ion:117 Resp: 433634

Ion Ratio Lower Upper

117 100

82 58.9 47.4 71.2

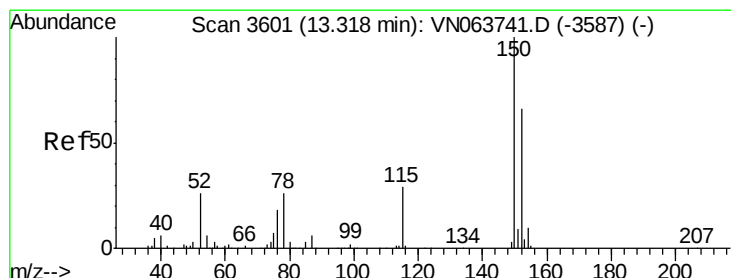
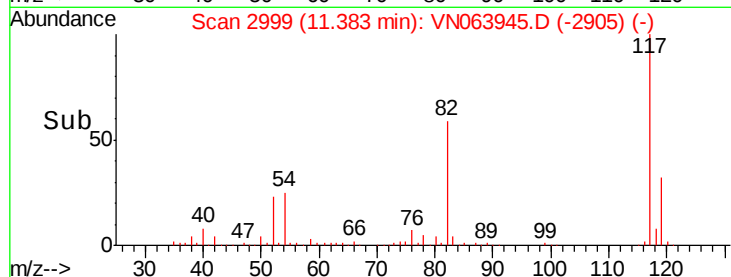
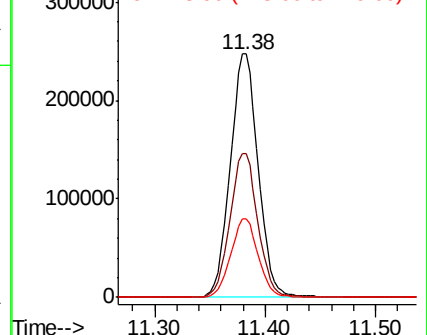
119 32.4 26.4 39.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN063945.D

Acq: 7 Oct 2020 16:07

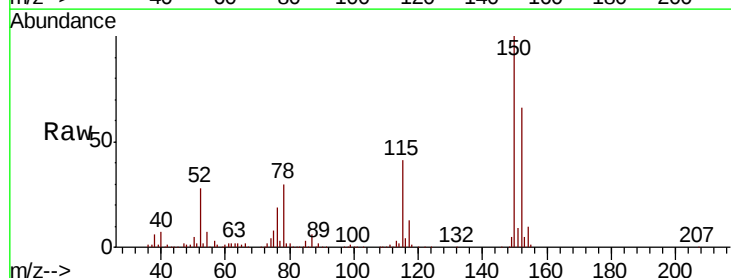
Tgt Ion:152 Resp: 178847

Ion Ratio Lower Upper

152 100

115 63.7 31.3 93.8

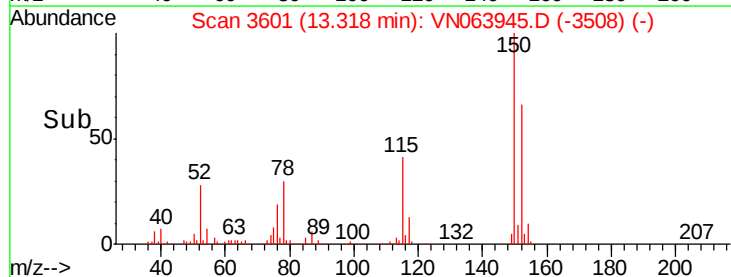
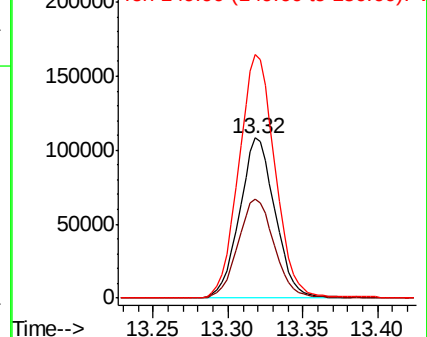
150 154.9 0.0 341.8

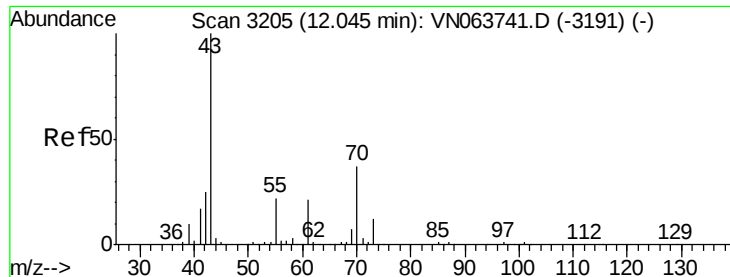


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 2.238 ug/l

RT: 12.04 min Scan# 3202

Delta R.T. -0.01 min

Lab File: VN063945.D

Acq: 7 Oct 2020 16:07

Instrument :

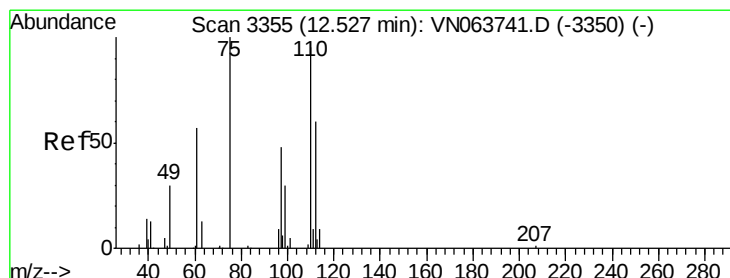
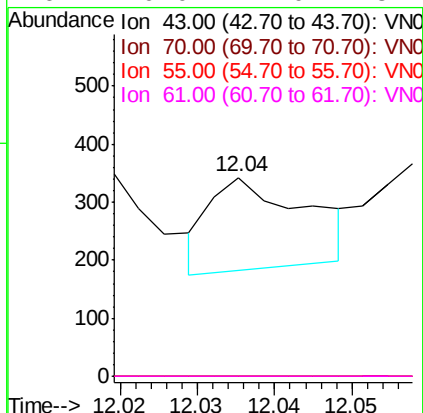
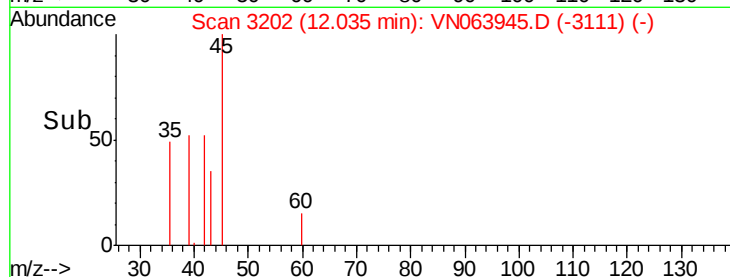
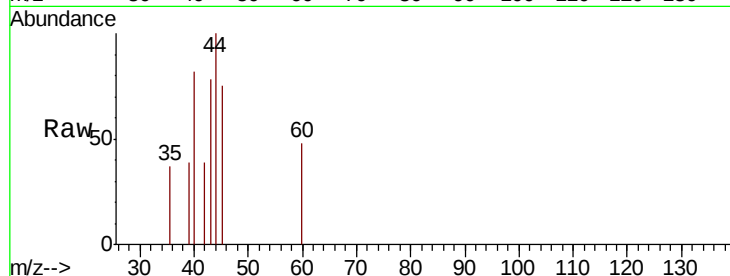
MSVOA_N

ClientSampleId :

B-7-MW-3

Tot Ion: 43 Resp: 137

Ion	Ratio	Lower	Upper
43	100		
70	0.0	29.8	44.8#
55	0.0	17.9	26.9#
61	0.0	17.0	25.4#



#76

1,2,3-Trichloropropane

Concen: 28.524 ug/l

RT: 12.38 min Scan# 3308

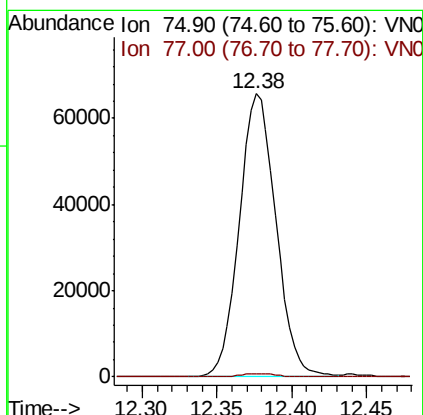
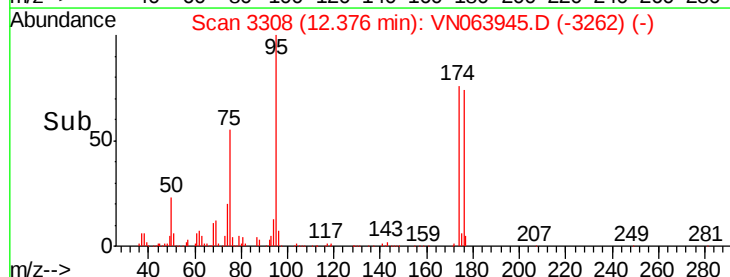
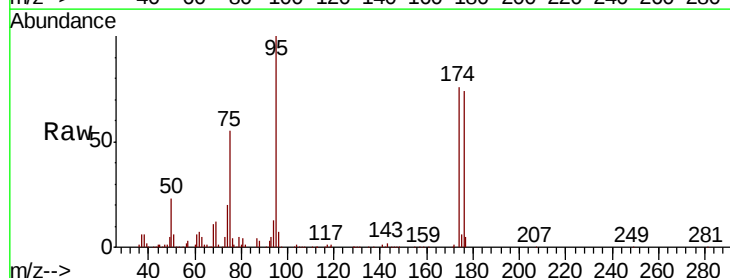
Delta R.T. -0.15 min

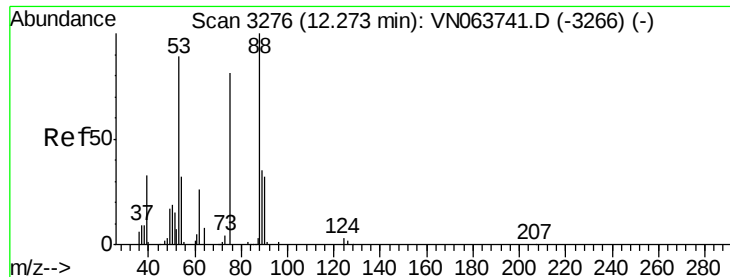
Lab File: VN063945.D

Acq: 7 Oct 2020 16:07

Tgt Ion: 75 Resp: 112457

Ion	Ratio	Lower	Upper
75	100		
77	1.0	0.0	0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 82.155 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN063945.D

Acq: 7 Oct 2020 16:07

Instrument :

MSVOA_N

ClientSampleId :

B-7-MW-3

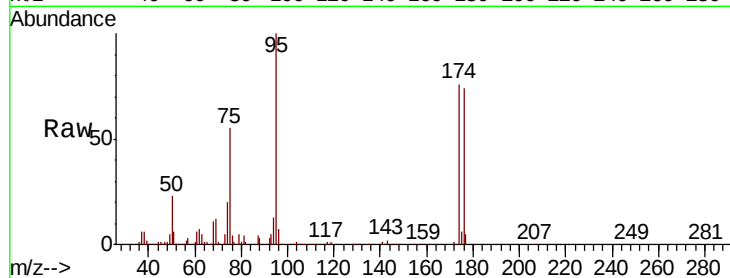
Tot Ion: 75 Resp: 112457

Ion Ratio Lower Upper

75 100

53 0.2 88.2 132.2#

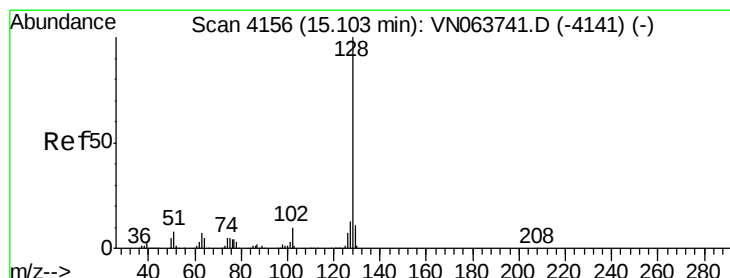
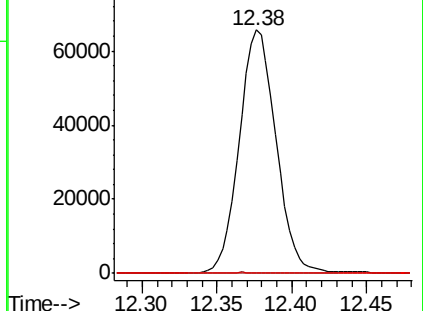
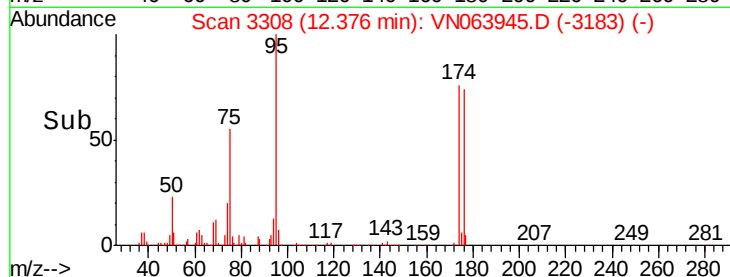
89 0.0 36.0 54.0#



Abundance Ion 74.90 (74.60 to 75.60): VN063945.D (-3183) (-)

Ion 53.00 (52.70 to 53.70): VN063945.D (-3183) (-)

Ion 88.90 (88.60 to 89.60): VN063945.D (-3183) (-)



#95

Naphthalene

Concen: 3.596 ug/l

RT: 15.11 min Scan# 4157

Delta R.T. 0.00 min

Lab File: VN063945.D

Acq: 7 Oct 2020 16:07

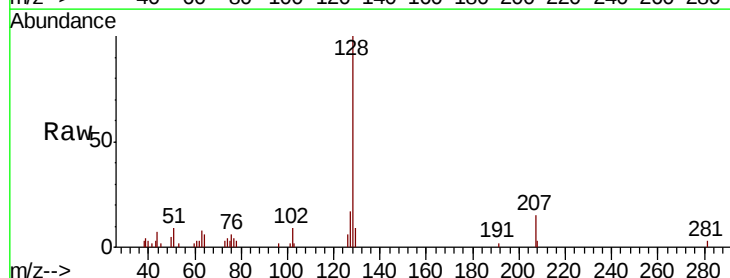
Tgt Ion: 128 Resp: 16779

Ion Ratio Lower Upper

128 100

127 16.1 10.5 15.7#

129 10.3 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): VN063945.D (-4062) (-)

Ion 127.00 (126.70 to 127.70): VN063945.D (-4062) (-)

Ion 129.00 (128.70 to 129.70): VN063945.D (-4062) (-)

