

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100720\
 Data File : VN063949.D
 Acq On : 7 Oct 2020 17:43
 Operator : JC/MD
 Sample : L4250-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-11

Quant Time: Oct 08 05:02:37 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	235336	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	420957	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	439526	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	178728	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	206723	53.17	ug/l	0.00
Spiked Amount			Recovery	=	106.34%	
35) Dibromofluoromethane	7.55	113	148686	50.90	ug/l	0.00
Spiked Amount			Recovery	=	101.80%	
50) Toluene-d8	10.06	98	543507	49.08	ug/l	0.00
Spiked Amount			Recovery	=	98.16%	
62) 4-Bromofluorobenzene	12.38	95	207511	49.85	ug/l	0.00
Spiked Amount			Recovery	=	99.70%	

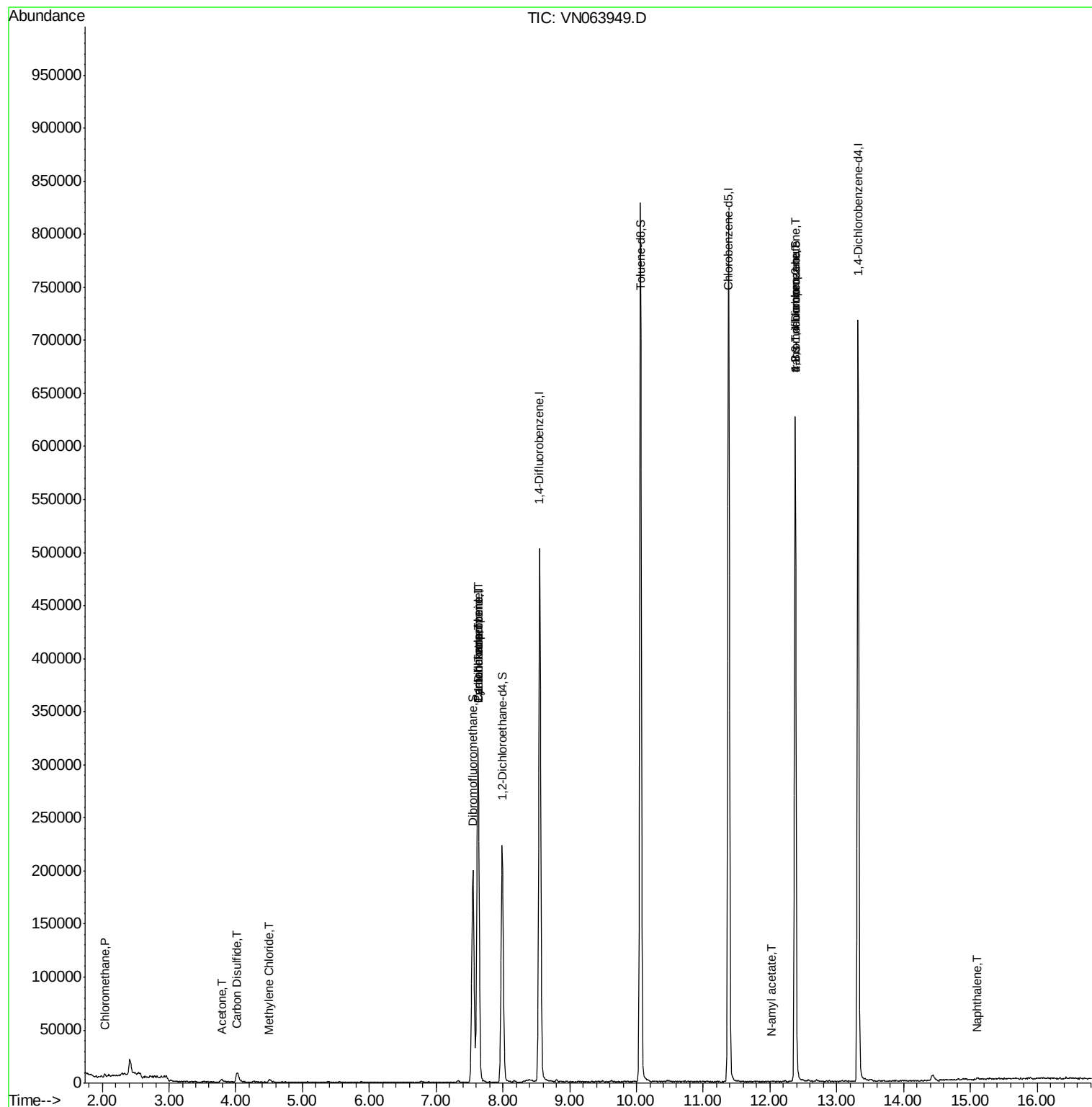
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.04	50	1460	0.501	ug/l	98
16) Acetone	3.78	43	4516	3.773	ug/l	92
17) Carbon Disulfide	4.01	76	131	0.721	ug/l #	76
20) Methylene Chloride	4.50	84	1493	0.642	ug/l #	89
31) Cyclohexane	7.62	56	5875	1.302	ug/l #	47
36) 1,1-Dichloropropene	7.63	75	20344	4.770	ug/l #	51
38) Carbon Tetrachloride	7.63	117	25615	5.356	ug/l #	14
74) N-amyl acetate	12.03	43	61	2.226	ug/l #	44
76) 1,2,3-Trichloropropane	12.38	75	118781	30.148	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	118781	86.832	ug/l #	6
95) Naphthalene	15.10	128	1789	2.103	ug/l #	71

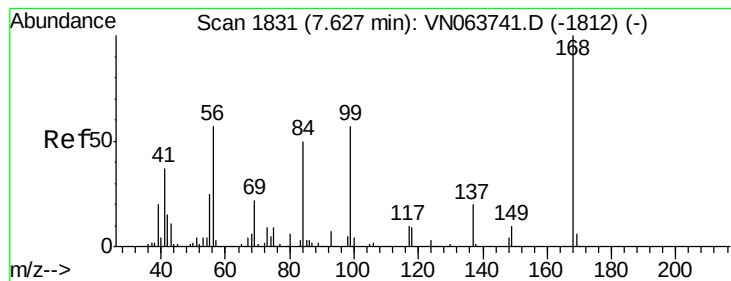
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN063949.D

Acq: 7 Oct 2020 17:43

Instrument :

MSVOA_N

ClientSampled :

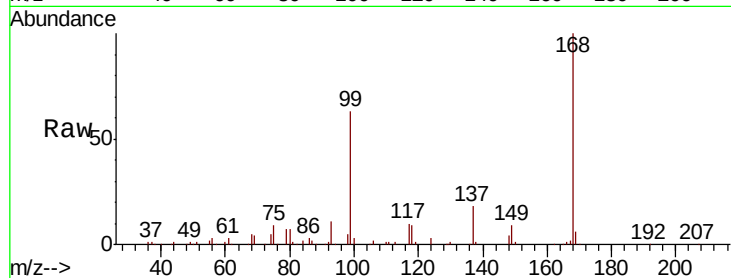
MW-11

Tot Ion:168 Resp: 235336

Ion Ratio Lower Upper

168 100

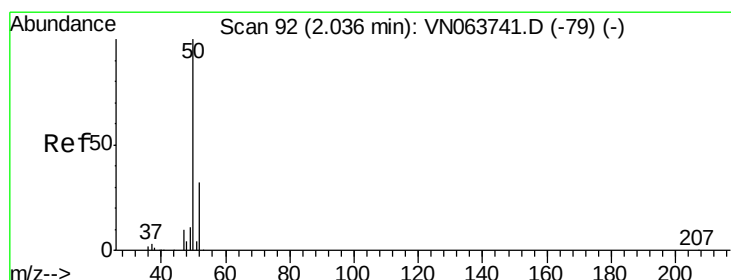
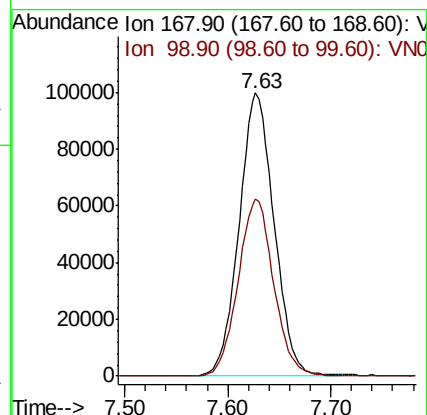
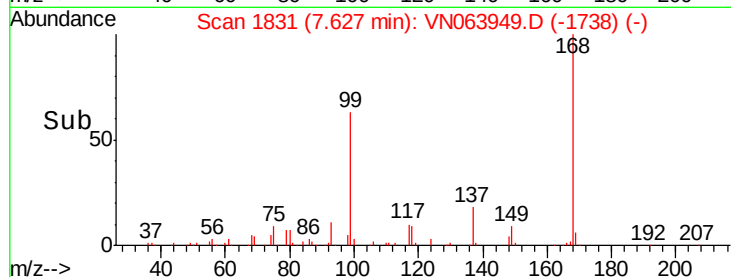
99 62.5 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): VN063949.D (-1738) (-)

Ion 98.90 (98.60 to 99.60): VN063949.D (-1738) (-)

7.63



#3

Chloromethane

Concen: 0.501 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063949.D

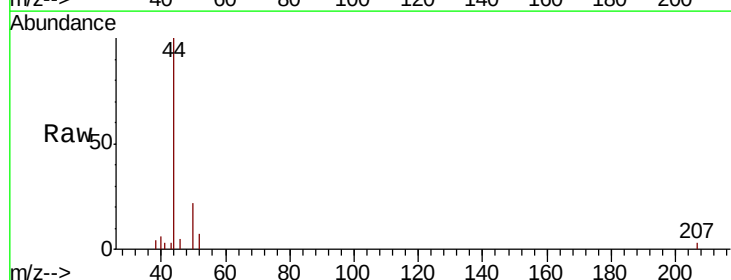
Acq: 7 Oct 2020 17:43

Tgt Ion: 50 Resp: 1460

Ion Ratio Lower Upper

50 100

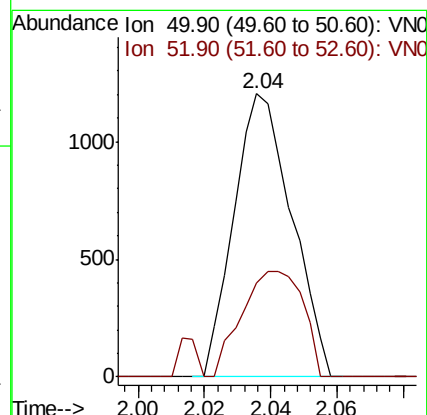
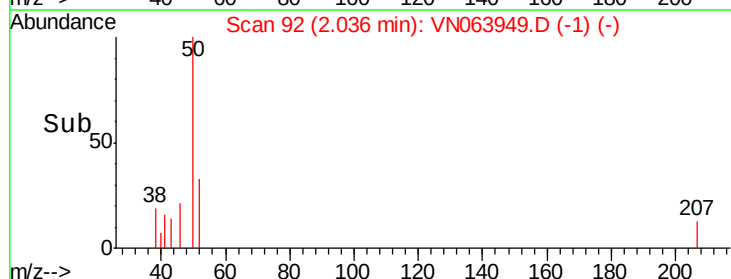
52 33.3 25.8 38.8

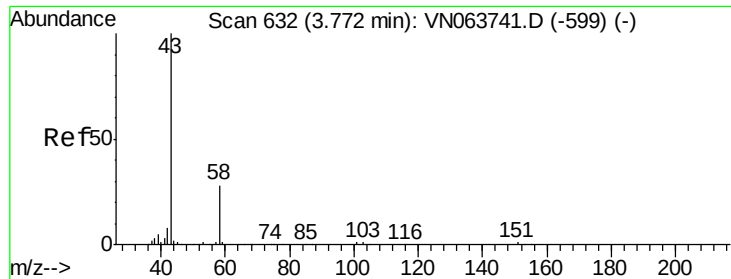


Abundance Ion 49.90 (49.60 to 50.60): VN063949.D (-1) (-)

Ion 51.90 (51.60 to 52.60): VN063949.D (-1) (-)

2.04

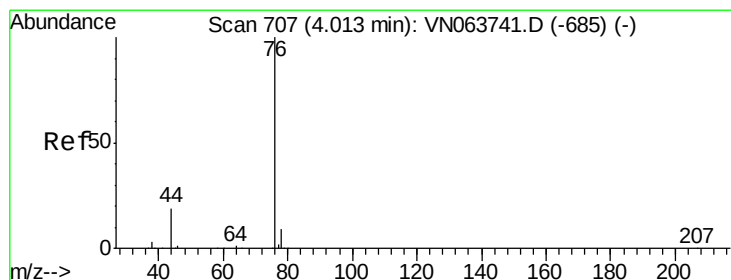
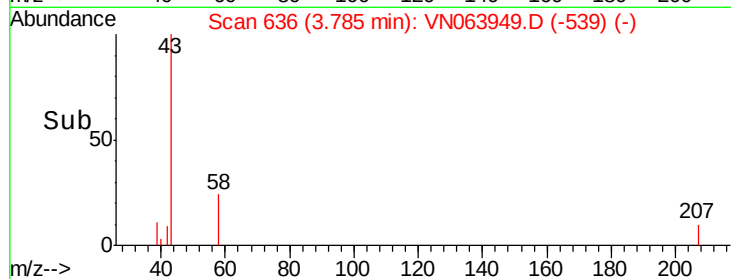
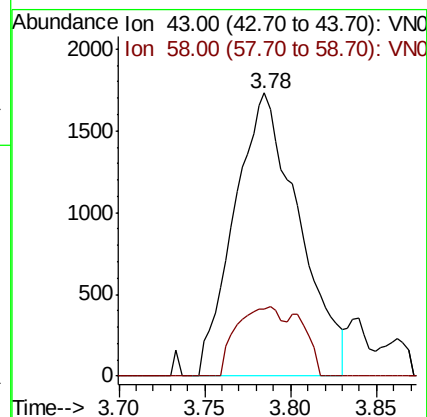
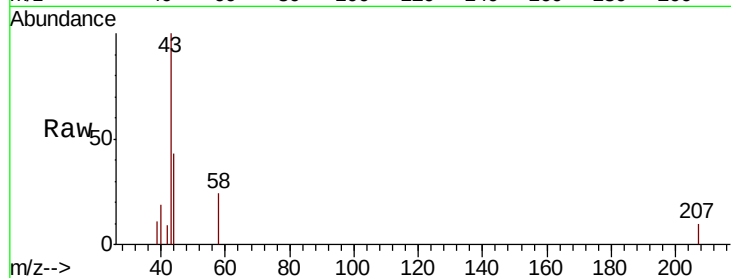




#16
Acetone
Concen: 3.773 ug/l
RT: 3.78 min Scan# 636
Delta R.T. 0.01 min
Lab File: VN063949.D
Acq: 7 Oct 2020 17:43

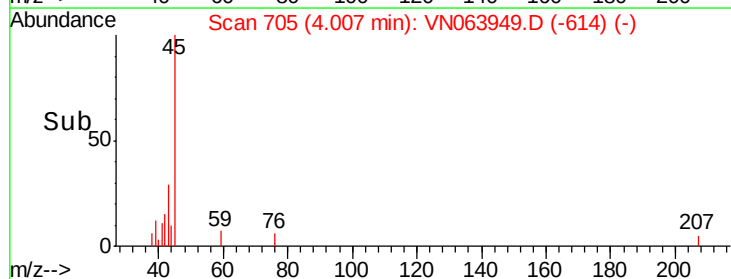
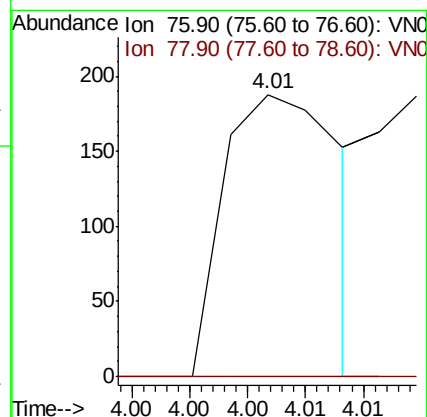
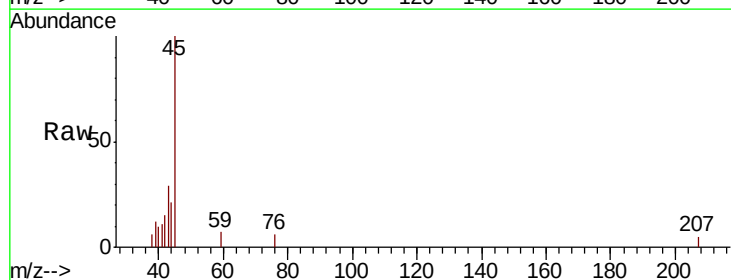
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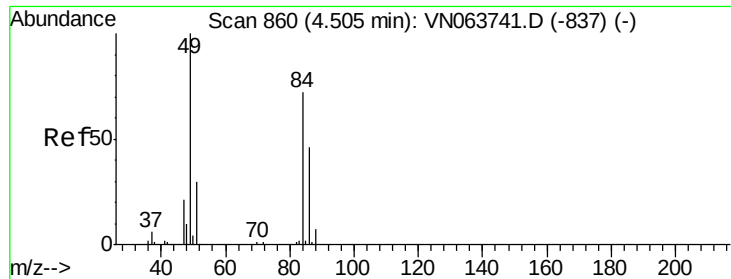
Tot Ion: 43 Resp: 4516
Ion Ratio Lower Upper
43 100
58 23.7 22.3 33.5



#17
Carbon Disulfide
Concen: 0.721 ug/l
RT: 4.01 min Scan# 705
Delta R.T. -0.01 min
Lab File: VN063949.D
Acq: 7 Oct 2020 17:43

Tgt Ion: 76 Resp: 131
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.4#

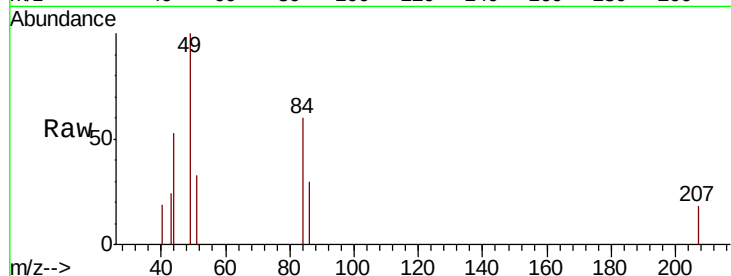




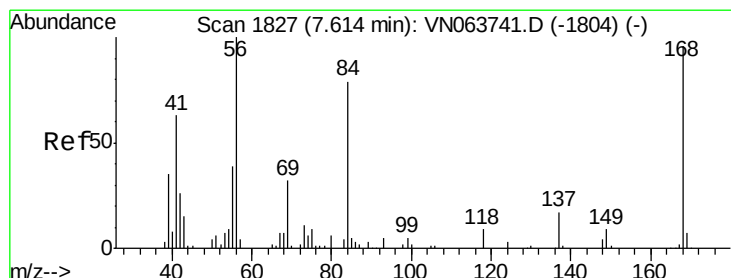
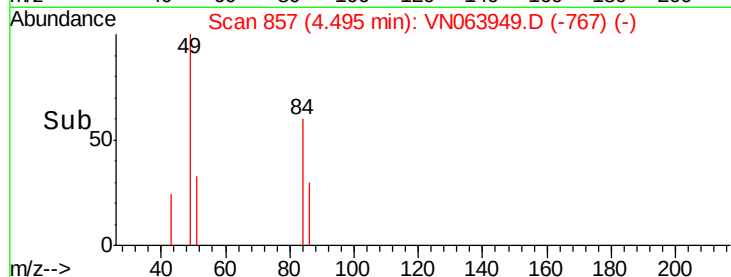
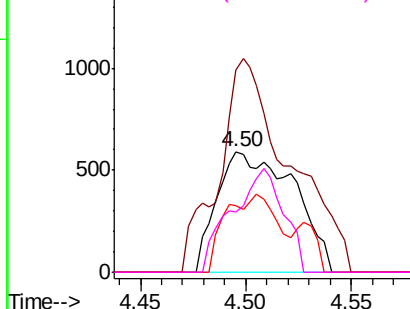
#20
Methylene Chloride
Concen: 0.642 ug/l
RT: 4.50 min Scan# 857
Delta R.T. -0.01 min
Lab File: VN063949.D
Acq: 7 Oct 2020 17:43

Instrument :
MSVOA_N
ClientSampleId :
MW-11

Tot Ion: 84 Resp: 1493
Ion Ratio Lower Upper
84 100
49 131.5 110.4 165.6
51 55.5 33.3 49.9#
86 50.1 50.7 76.1#

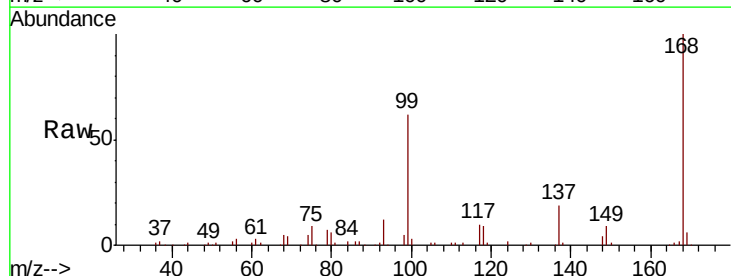


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

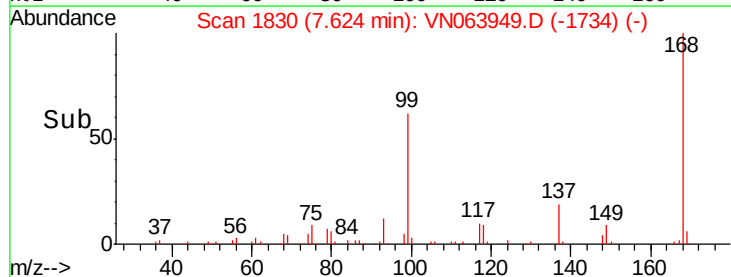
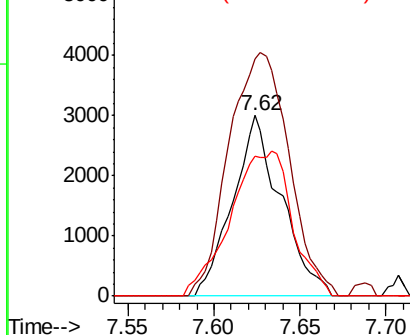


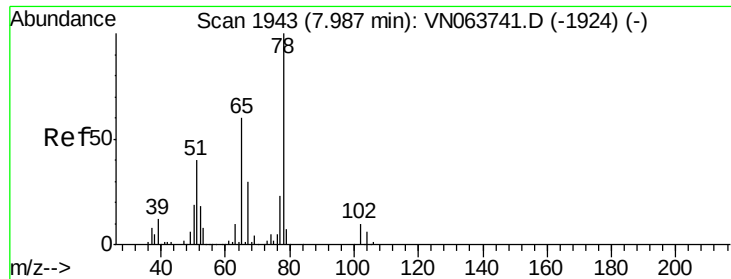
#31
Cyclohexane
Concen: 1.302 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. 0.01 min
Lab File: VN063949.D
Acq: 7 Oct 2020 17:43

Tgt Ion: 56 Resp: 5875
Ion Ratio Lower Upper
56 100
69 131.2 25.4 38.2#
84 77.4 63.3 94.9



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

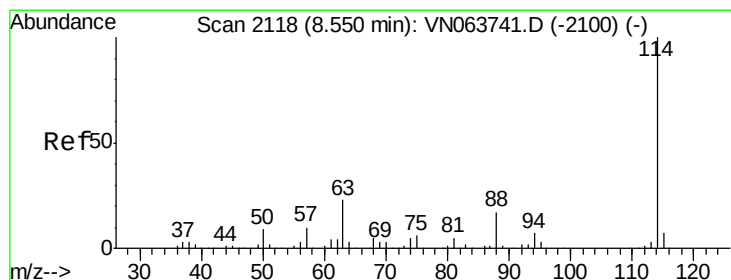
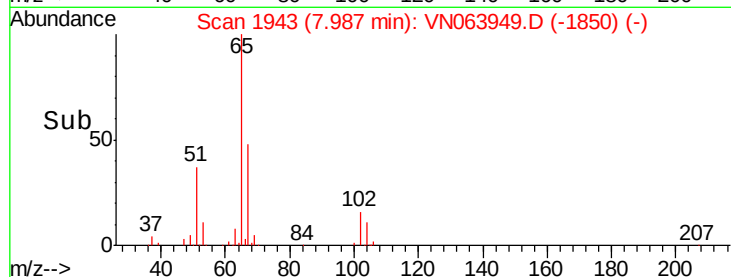
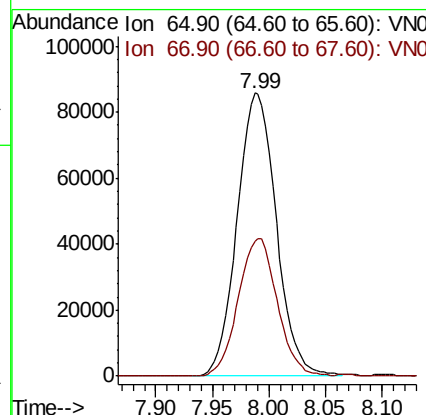
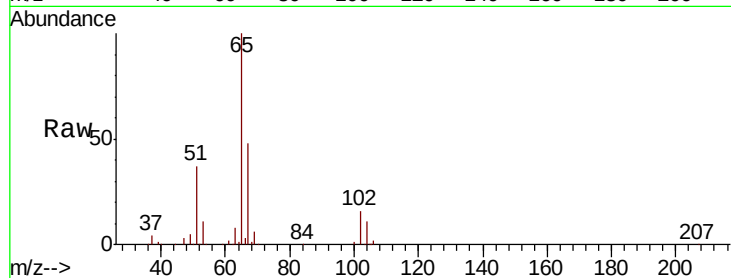




#33
 1,2-Dichloroethane-d4
 Concen: 53.171 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN063949.D
 Acq: 7 Oct 2020 17:43

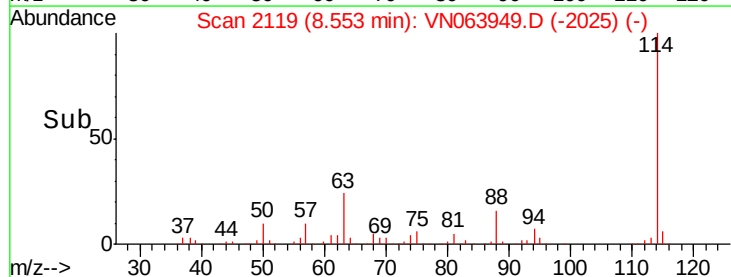
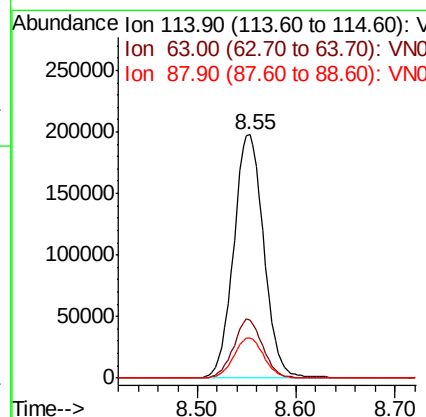
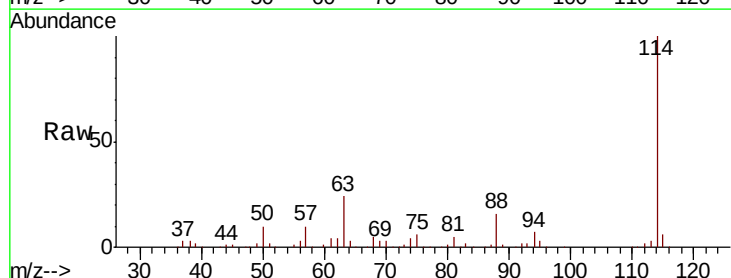
Instrument :
 MSVOA_N
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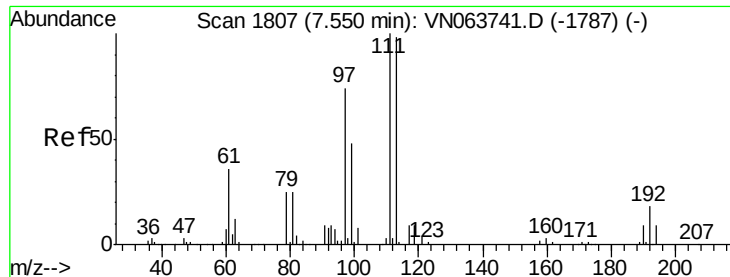
Tot Ion: 65 Resp: 206723
 Ion Ratio Lower Upper
 65 100
 67 48.5 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN063949.D
 Acq: 7 Oct 2020 17:43

Tgt Ion: 114 Resp: 420957
 Ion Ratio Lower Upper
 114 100
 63 24.1 0.0 45.0
 88 16.5 0.0 34.0

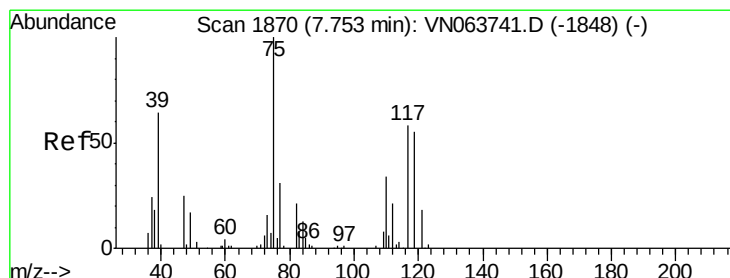
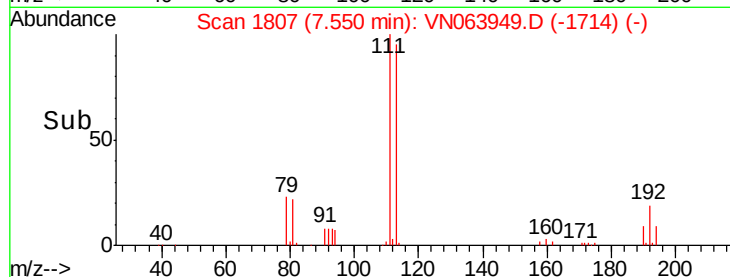
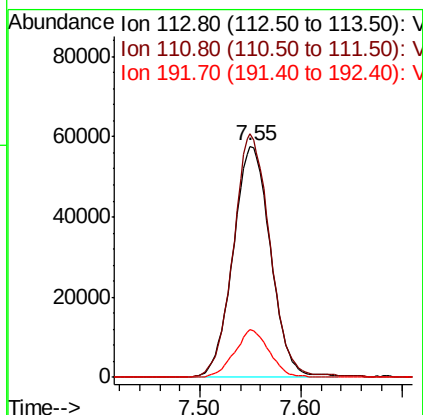
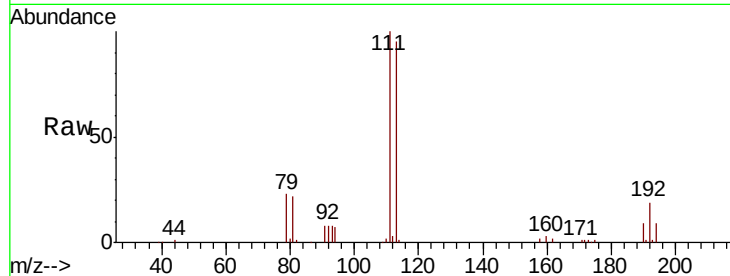




#35
Dibromofluoromethane
Concen: 50.904 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN063949.D
Acq: 7 Oct 2020 17:43

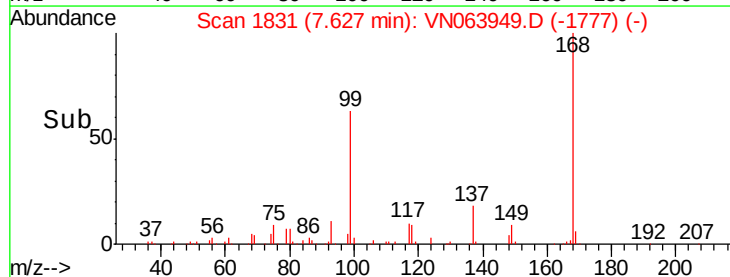
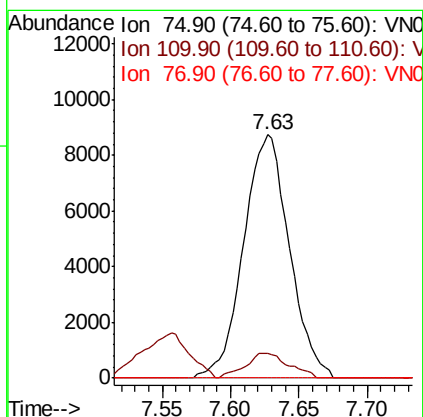
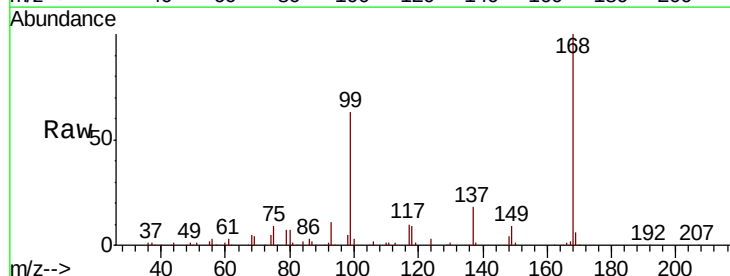
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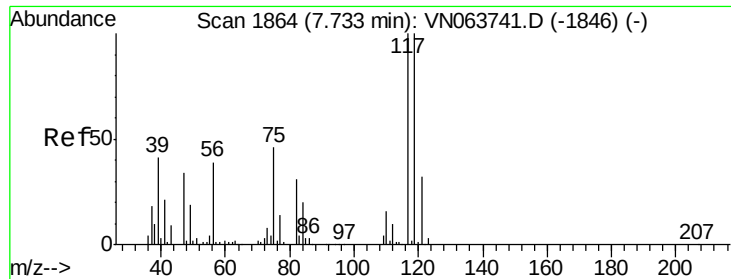
Tot Ion:113 Resp: 148686
Ion Ratio Lower Upper
113 100
111 102.7 81.8 122.8
192 18.9 14.2 21.2



#36
1,1-Dichloropropene
Concen: 4.770 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. -0.13 min
Lab File: VN063949.D
Acq: 7 Oct 2020 17:43

Tgt Ion: 75 Resp: 20344
Ion Ratio Lower Upper
75 100
110 9.8 16.9 50.6#
77 0.0 24.5 36.7#

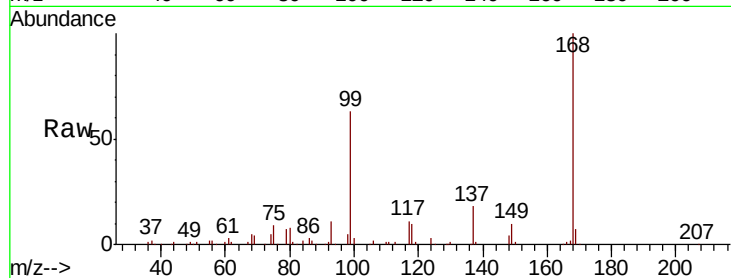




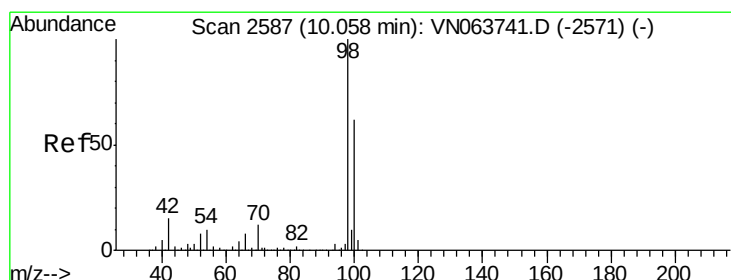
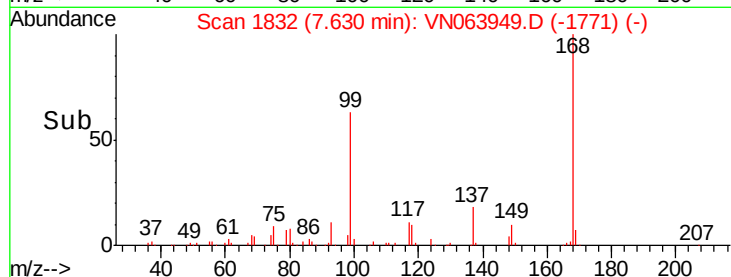
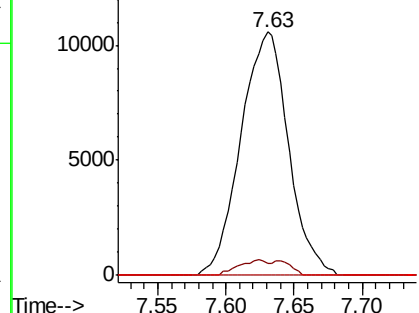
#38
Carbon Tetrachloride
Concen: 5.356 ug/l
RT: 7.63 min Scan# 1832
Delta R.T. -0.10 min
Lab File: VN063949.D
Acq: 7 Oct 2020 17:43

Instrument :
MSVOA_N
ClientSampled :
MW-11

Tot Ion:117 Resp: 25615
Ion Ratio Lower Upper
117 100
119 4.8 80.1 120.1#
121 0.0 25.7 38.5#

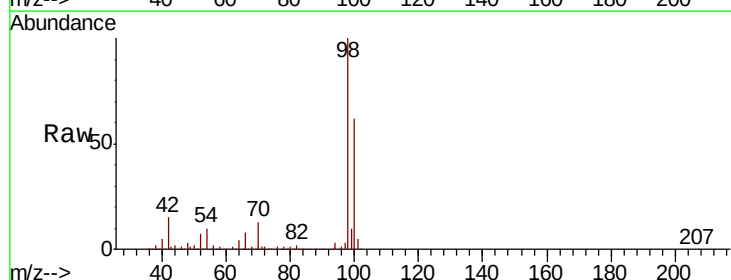


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

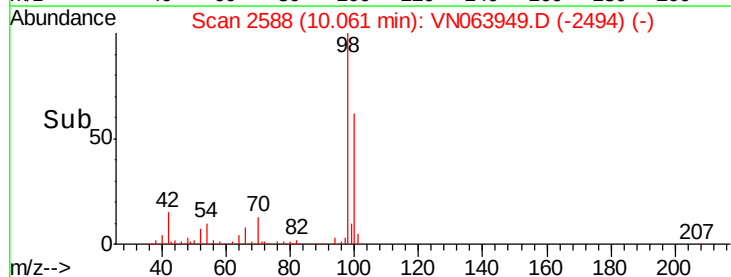
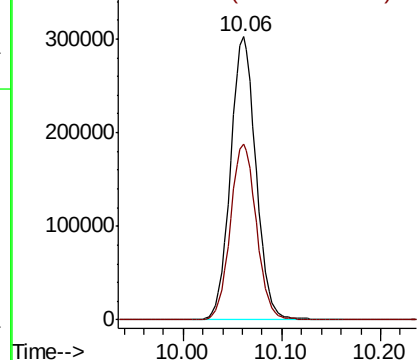


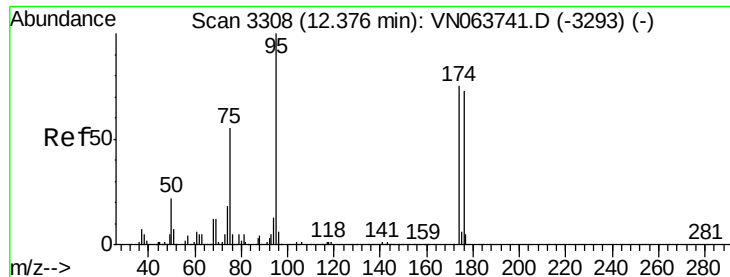
#50
Toluene-d8
Concen: 49.084 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN063949.D
Acq: 7 Oct 2020 17:43

Tgt Ion: 98 Resp: 543507
Ion Ratio Lower Upper
98 100
100 63.4 49.8 74.6



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

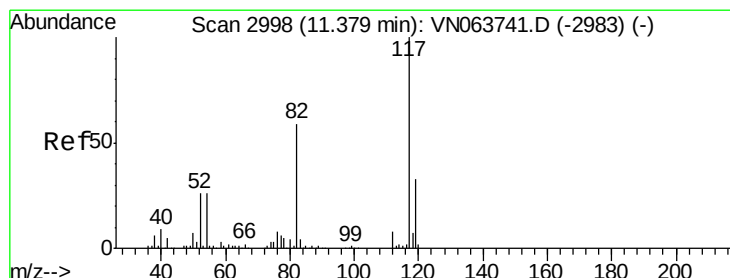
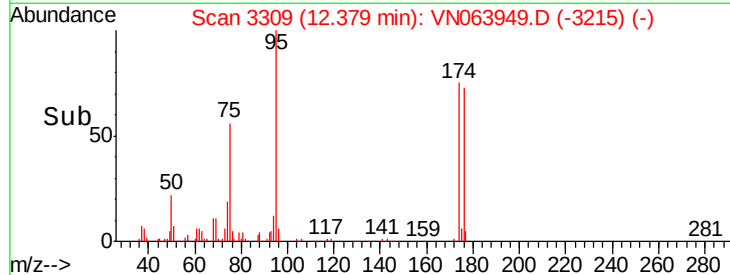
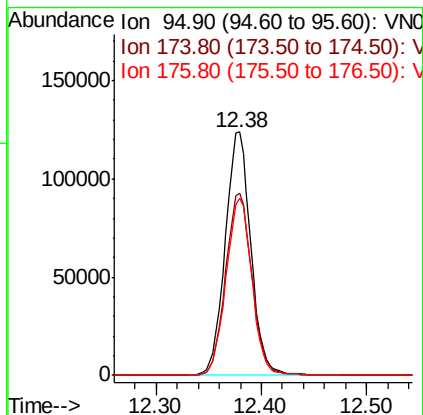
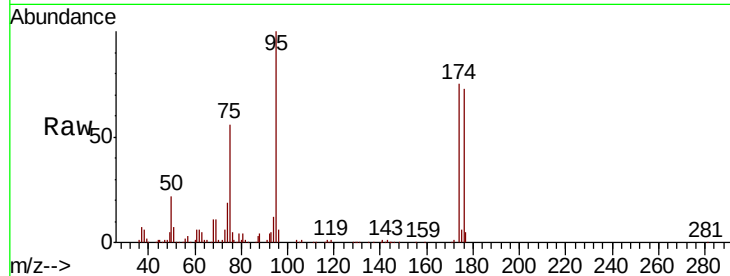




#62
4-Bromofluorobenzene
Concen: 49.854 ug/l
RT: 12.38 min Scan# 3309
Delta R.T. 0.00 min
Lab File: VN063949.D
Acq: 7 Oct 2020 17:43

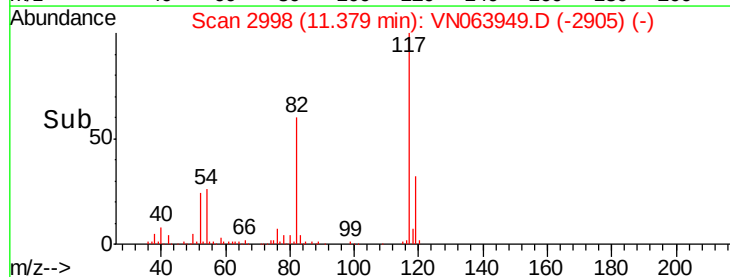
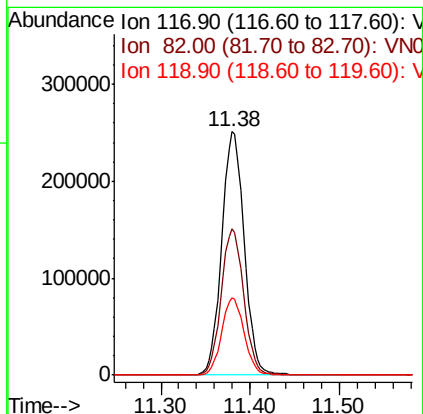
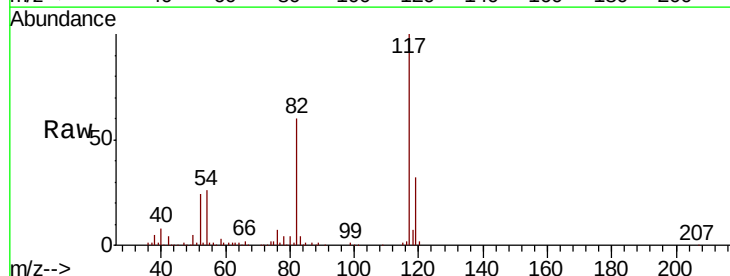
Instrument :
MSVOA_N
ClientSampled :
MW-11

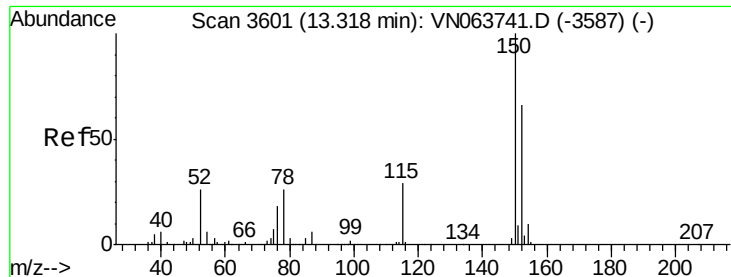
Tot Ion: 95 Resp: 207511
Ion Ratio Lower Upper
95 100
174 77.2 0.0 150.6
176 73.6 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063949.D
Acq: 7 Oct 2020 17:43

Tgt Ion: 117 Resp: 439526
Ion Ratio Lower Upper
117 100
82 60.0 47.4 71.2
119 31.8 26.4 39.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN063949.D

Acq: 7 Oct 2020 17:43

Instrument :

MSVOA_N

ClientSampled :

MW-11

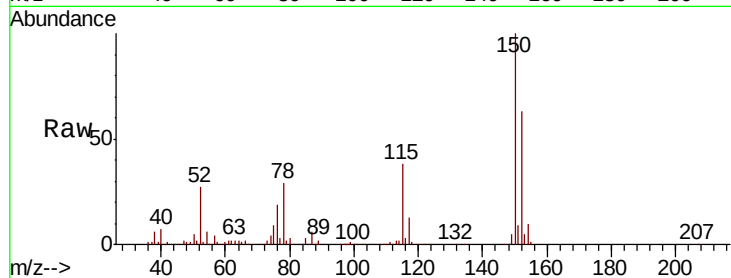
Tot Ion:152 Resp: 178728

Ion Ratio Lower Upper

152 100

115 61.3 31.3 93.8

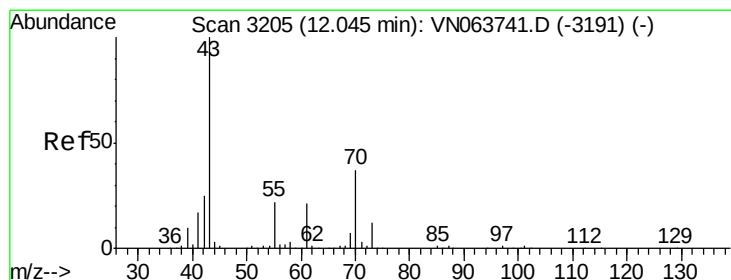
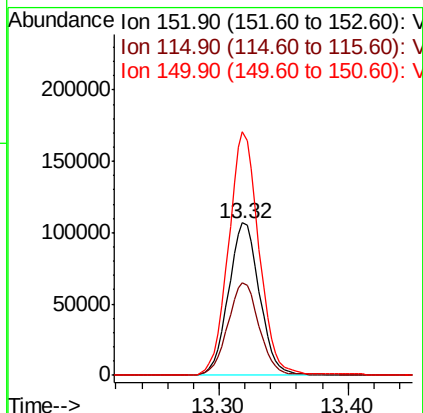
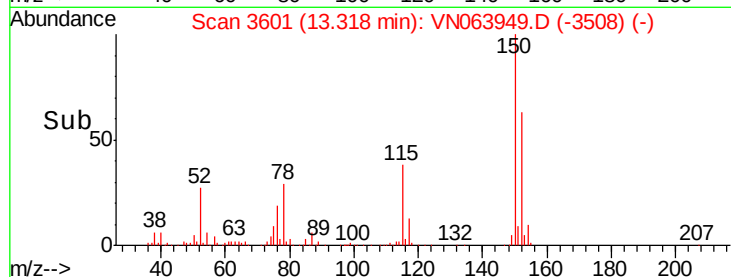
150 156.9 0.0 341.8



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-ethyl acetate

Concen: 2.226 ug/l

RT: 12.03 min Scan# 3200

Delta R.T. -0.02 min

Lab File: VN063949.D

Acq: 7 Oct 2020 17:43

Tgt Ion: 43 Resp: 61

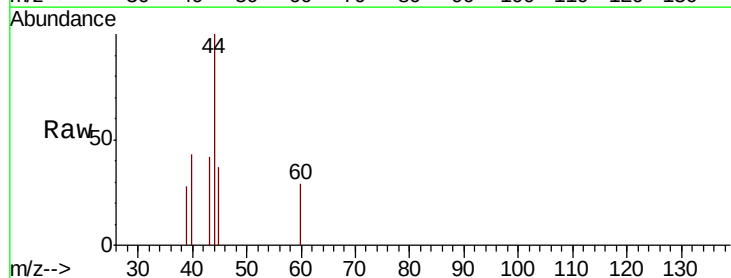
Ion Ratio Lower Upper

43 100

70 0.0 29.8 44.8#

55 49.2 17.9 26.9#

61 0.0 17.0 25.4#

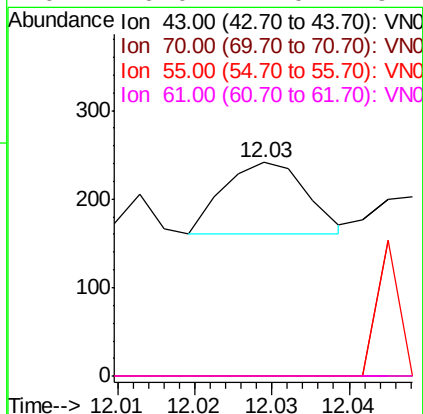
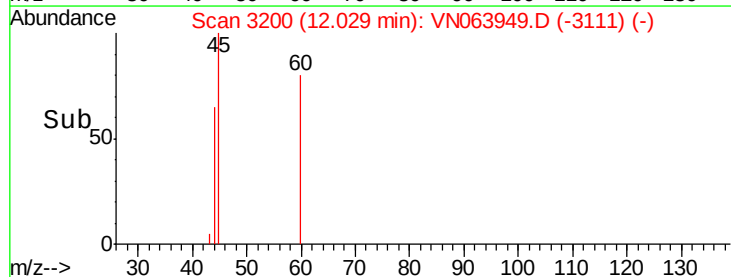


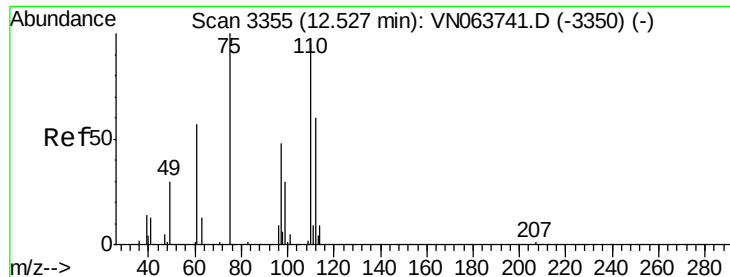
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#76

1,2,3-Trichloropropane

Concen: 30.148 ug/l

RT: 12.38 min Scan# 3309

Delta R.T. -0.15 min

Lab File: VN063949.D

Acq: 7 Oct 2020 17:43

Instrument :

MSVOA_N

ClientSampleId :

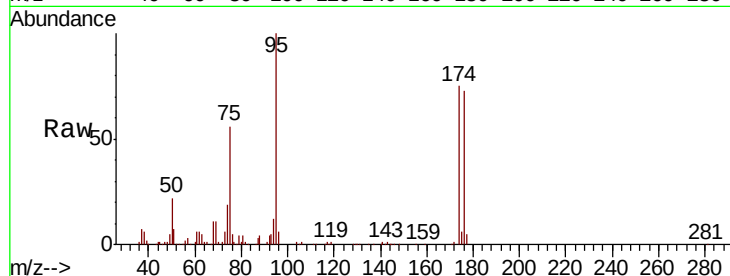
MW-11

Tot Ion: 75 Resp: 118781

Ion Ratio Lower Upper

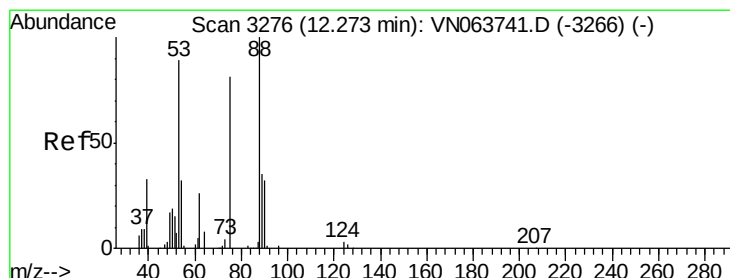
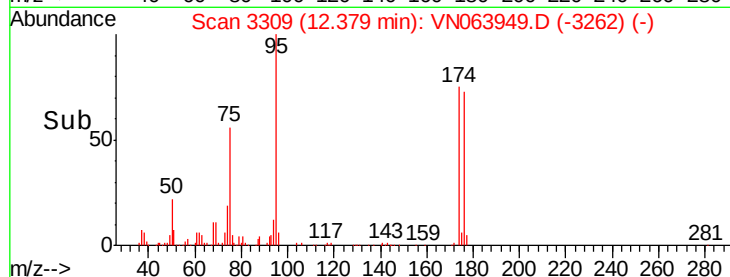
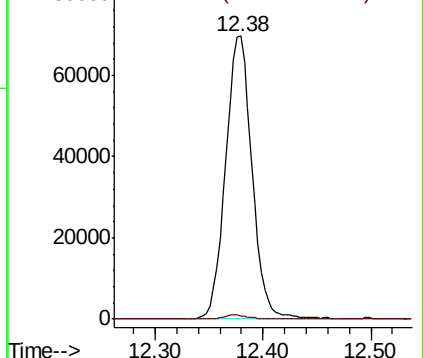
75 100

77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#81

trans-1,4-Dichloro-2-butene

Concen: 86.832 ug/l

RT: 12.38 min Scan# 3309

Delta R.T. 0.11 min

Lab File: VN063949.D

Acq: 7 Oct 2020 17:43

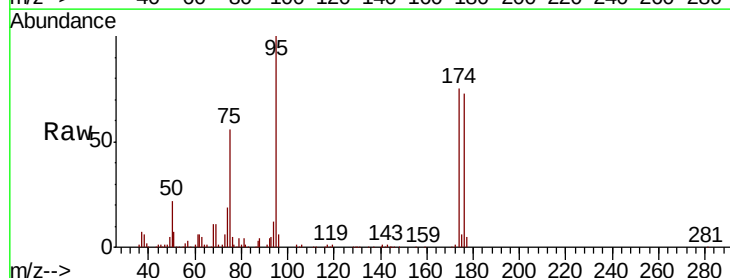
Tgt Ion: 75 Resp: 118781

Ion Ratio Lower Upper

75 100

53 0.2 88.2 132.2#

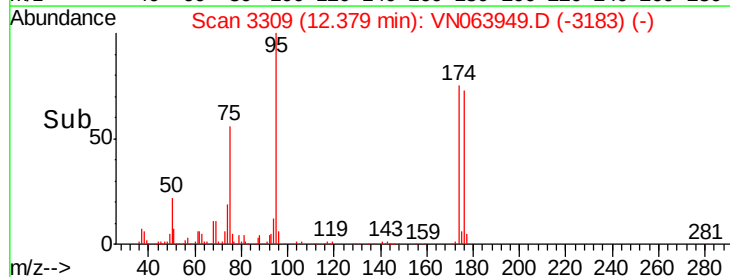
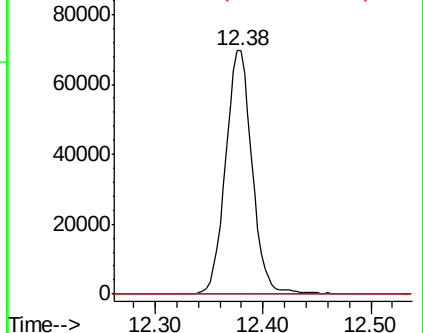
89 0.0 36.0 54.0#

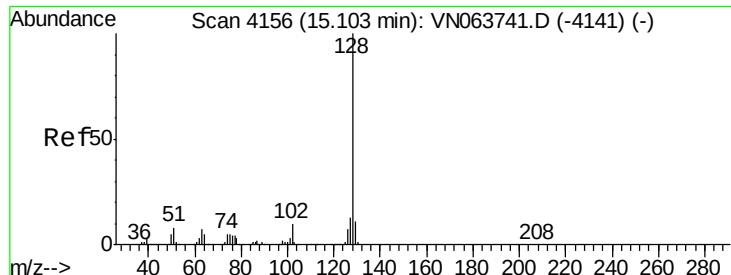


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0





#95

Naphthalene

Concen: 2.103 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN063949.D

Acq: 7 Oct 2020 17:43

Instrument :

MSVOA_N

ClientSampleId :

MW-11

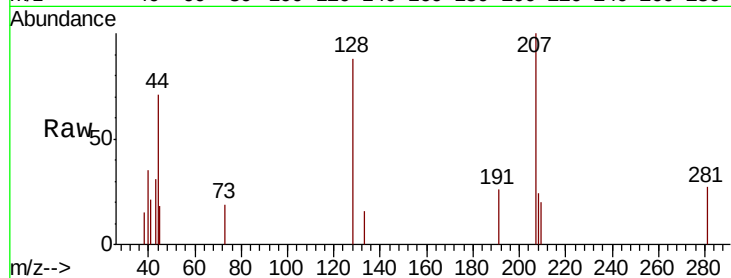
Tot Ion:128 Resp: 1789

Ion Ratio Lower Upper

128 100

127 1.7 10.5 15.7#

129 0.0 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

