

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100720\
 Data File : VN063944.D
 Acq On : 7 Oct 2020 15:43
 Operator : JC/MD
 Sample : L4293-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Oct 08 05:01:13 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	231647	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	416912	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	433190	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	176503	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	202387	52.88	ug/l	0.00
Spiked Amount			Recovery	=	105.76%	
35) Dibromofluoromethane	7.55	113	147492	50.98	ug/l	0.00
Spiked Amount			Recovery	=	101.96%	
50) Toluene-d8	10.06	98	533583	48.66	ug/l	0.00
Spiked Amount			Recovery	=	97.32%	
62) 4-Bromofluorobenzene	12.38	95	207538	50.34	ug/l	0.00
Spiked Amount			Recovery	=	100.68%	

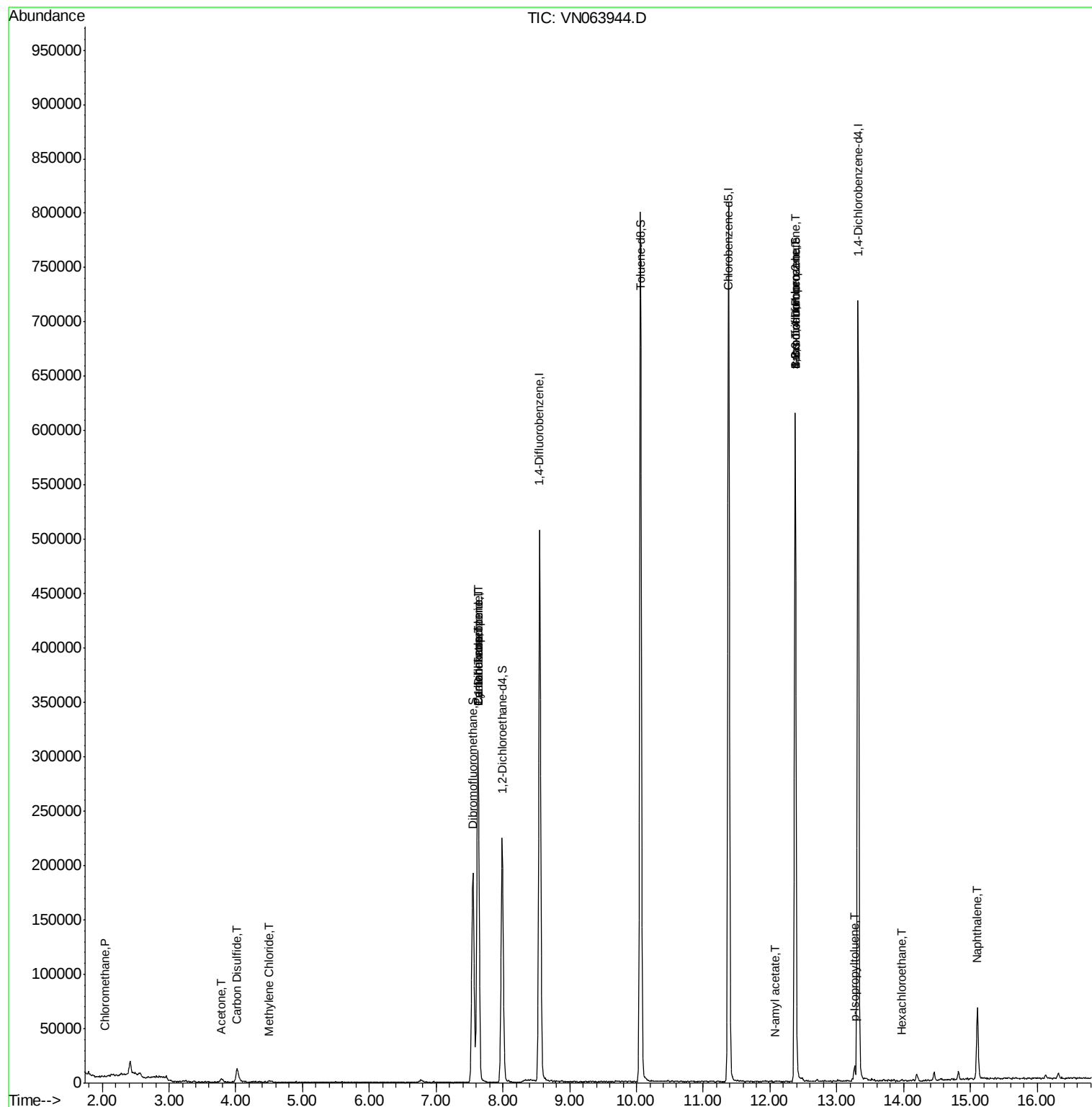
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.04	50	713	0.249	ug/l	92
16) Acetone	3.78	43	4591	3.897	ug/l	95
17) Carbon Disulfide	4.02	76	1010	0.859	ug/l #	76
20) Methylene Chloride	4.51	84	660	0.342	ug/l #	23
31) Cyclohexane	7.62	56	6335	1.426	ug/l #	20
36) 1,1-Dichloropropene	7.63	75	21612	5.117	ug/l #	51
38) Carbon Tetrachloride	7.62	117	26026	5.495	ug/l #	17
71) Bromoform	12.38	173	1936	0.743	ug/l #	1
74) N-amyl acetate	12.06	43	45	2.223	ug/l #	46
76) 1,2,3-Trichloropropane	12.38	75	113939	29.284	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	113939	84.343	ug/l #	6
86) p-Isopropyltoluene	13.27	119	7180	0.699	ug/l	88
90) Hexachloroethane	13.97	117	409	0.206	ug/l #	14
95) Naphthalene	15.11	128	57658	7.746	ug/l	99

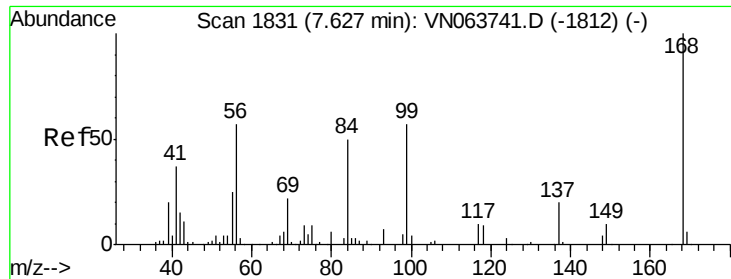
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN063944.D

Acq: 7 Oct 2020 15:43

Instrument :

MSVOA_N

ClientSampled :

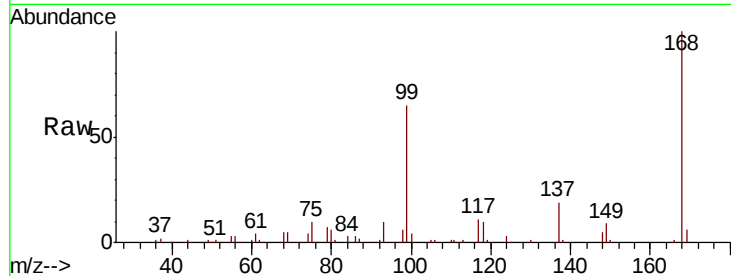
B-6-MW-2

Tot Ion:168 Resp: 231647

Ion Ratio Lower Upper

168 100

99 65.2 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

100000

80000

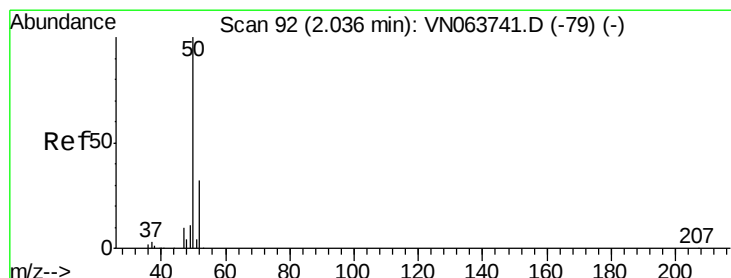
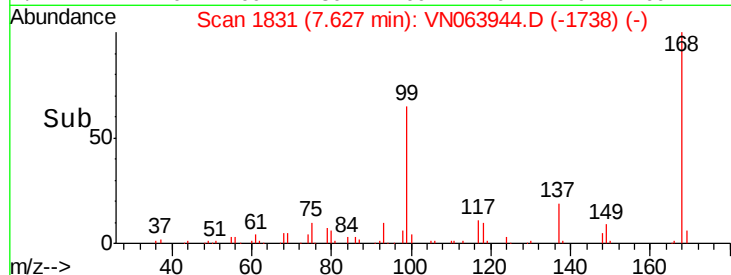
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#3

Chloromethane

Concen: 0.249 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063944.D

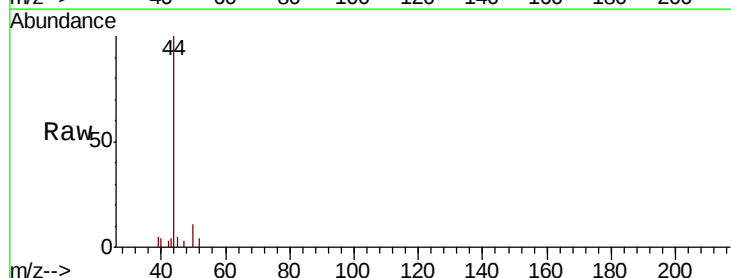
Acq: 7 Oct 2020 15:43

Tgt Ion: 50 Resp: 713

Ion Ratio Lower Upper

50 100

52 36.6 25.8 38.8



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN

2.04

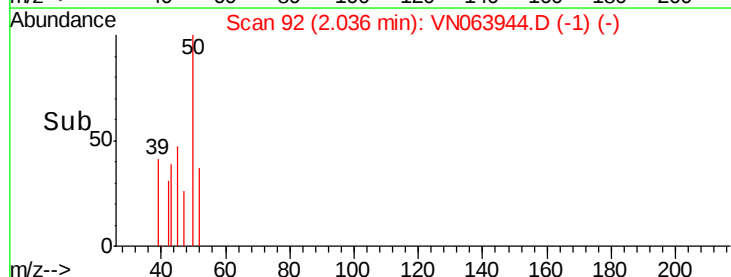
600

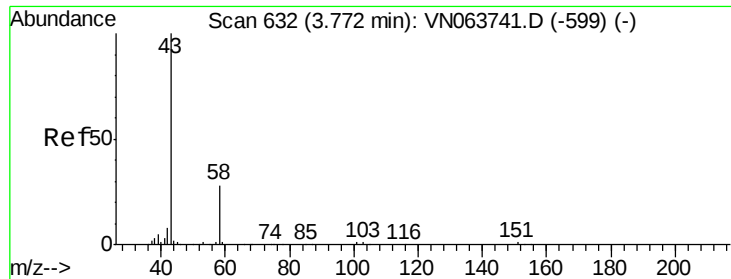
400

200

0

Time--> 2.00 2.02 2.04 2.06





#16

Acetone

Concen: 3.897 ug/l

RT: 3.78 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN063944.D

Acq: 7 Oct 2020 15:43

Instrument :

MSVOA_N

ClientSampleId :

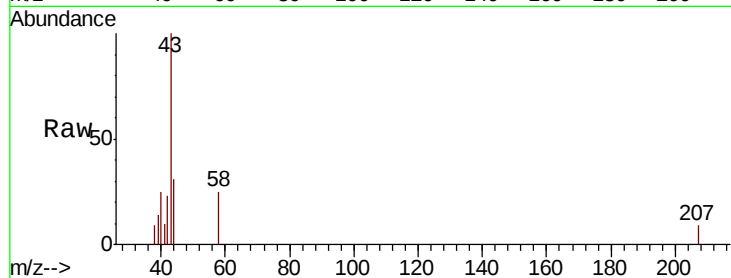
B-6-MW-2

Tot Ion: 43 Resp: 4591

Ion Ratio Lower Upper

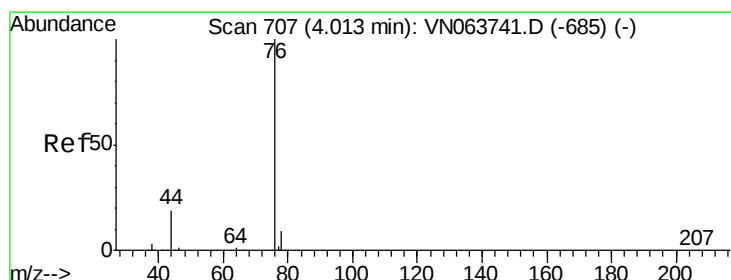
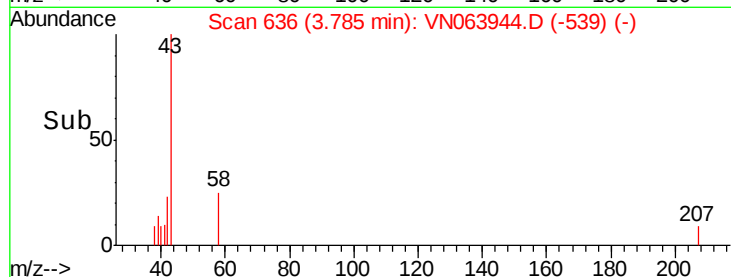
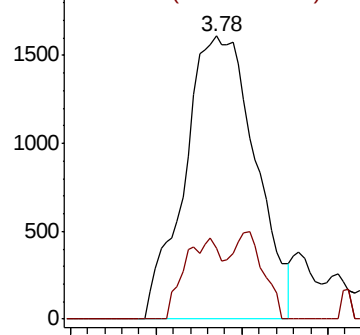
43 100

58 25.1 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN063944.D (-539) (-)

Ion 58.00 (57.70 to 58.70): VN063944.D (-539) (-)



#17

Carbon Disulfide

Concen: 0.859 ug/l

RT: 4.02 min Scan# 708

Delta R.T. 0.00 min

Lab File: VN063944.D

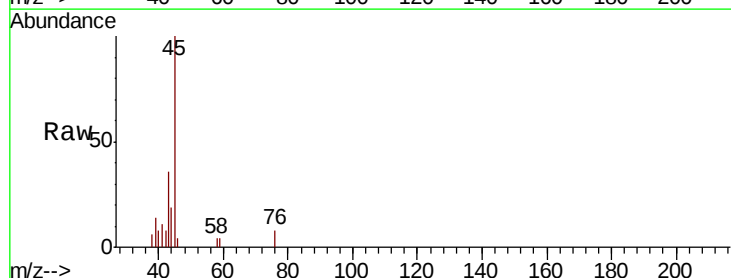
Acq: 7 Oct 2020 15:43

Tgt Ion: 76 Resp: 1010

Ion Ratio Lower Upper

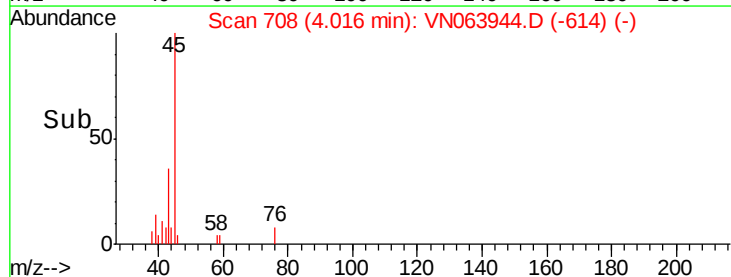
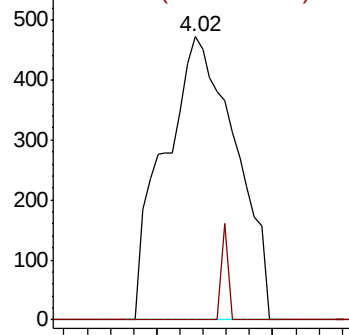
76 100

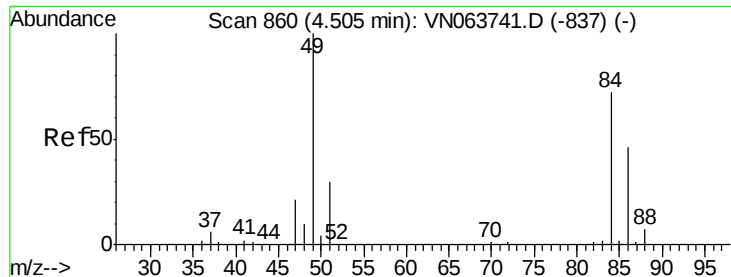
78 0.0 7.0 10.4#



Abundance Ion 75.90 (75.60 to 76.60): VN063944.D (-614) (-)

Ion 77.90 (77.60 to 78.60): VN063944.D (-614) (-)

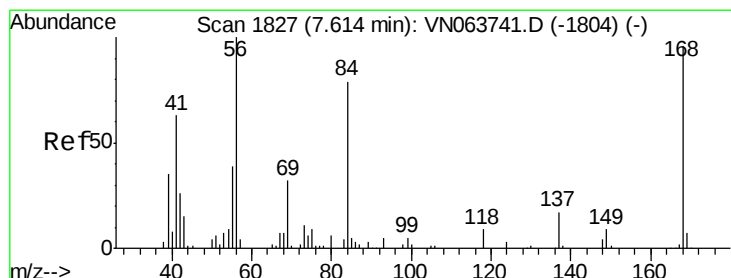
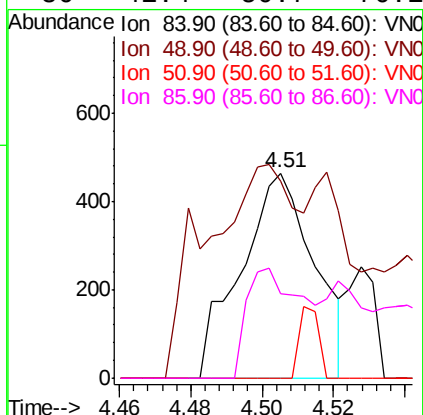
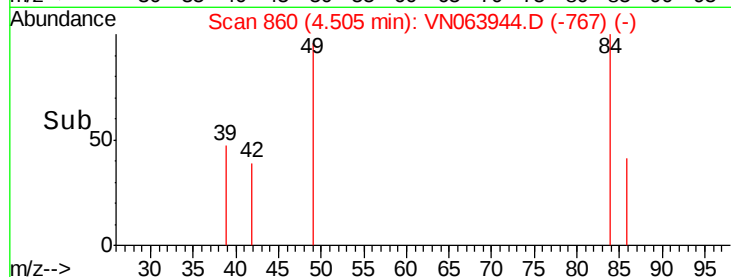
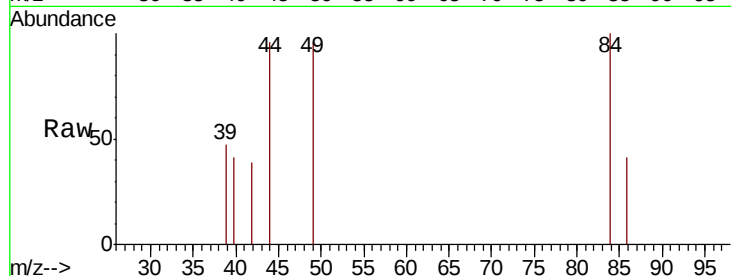




#20
Methvlene Chloride
Concen: 0.342 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN063944.D
Acq: 7 Oct 2020 15:43

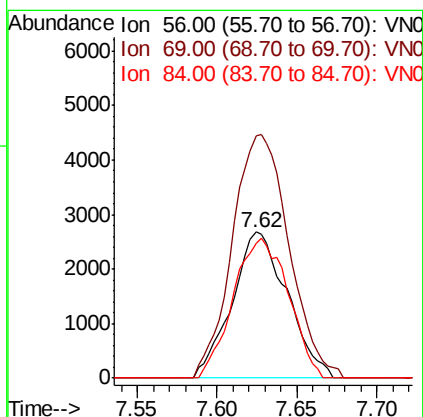
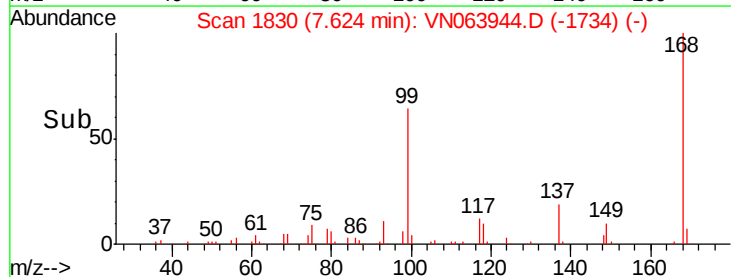
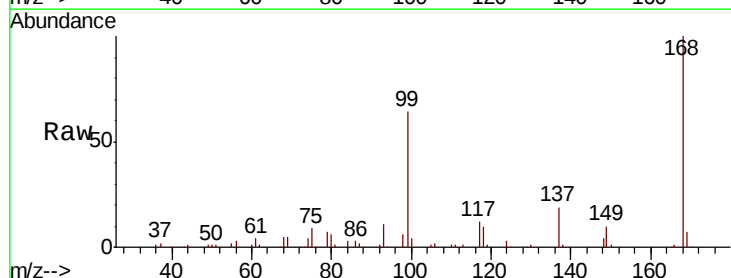
Instrument :
MSVOA_N
ClientSampleId :
B-6-MW-2

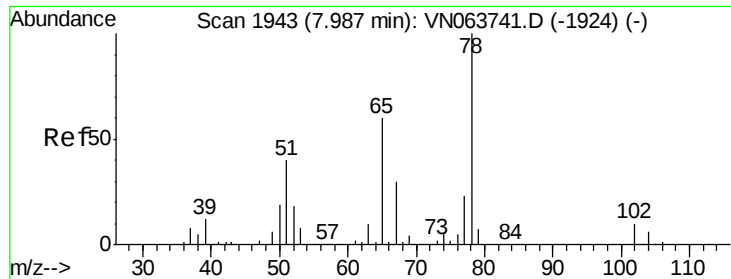
Tot Ion: 84 Resp: 660
Ion Ratio Lower Upper
84 100
49 13.8 110.4 165.6#
51 0.0 33.3 49.9#
86 41.4 50.7 76.1#



#31
Cyclohexane
Concen: 1.426 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. 0.01 min
Lab File: VN063944.D
Acq: 7 Oct 2020 15:43

Tgt Ion: 56 Resp: 6335
Ion Ratio Lower Upper
56 100
69 165.9 25.4 38.2#
84 92.1 63.3 94.9

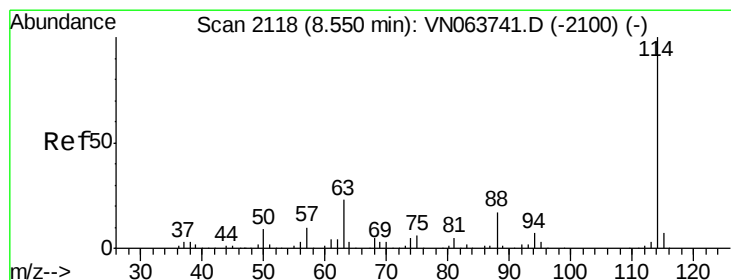
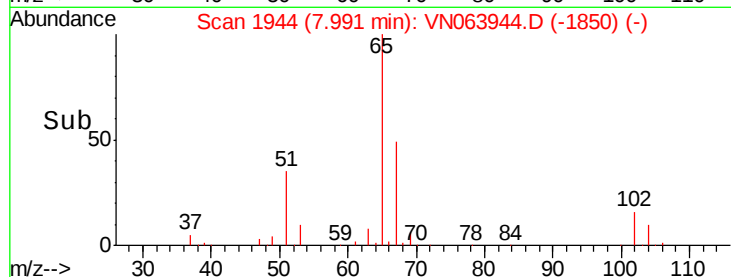
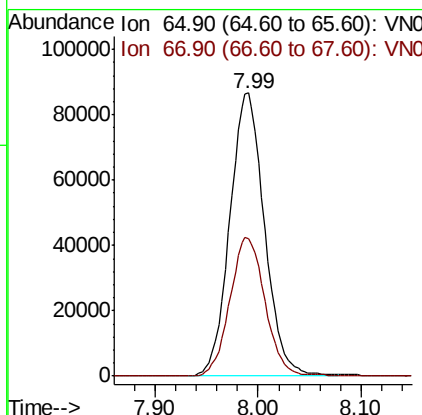
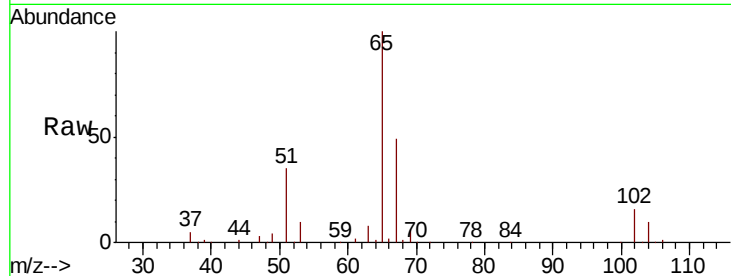




#33
 1,2-Dichloroethane-d4
 Concen: 52.884 ug/l
 RT: 7.99 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: VN063944.D
 Acq: 7 Oct 2020 15:43

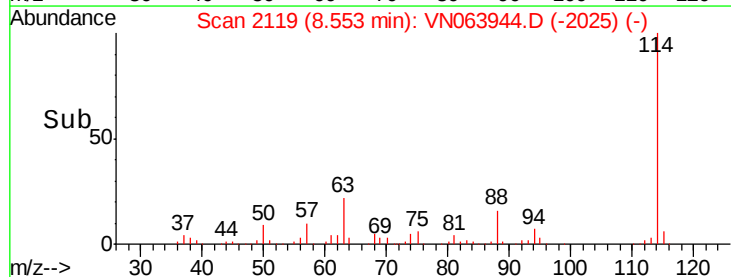
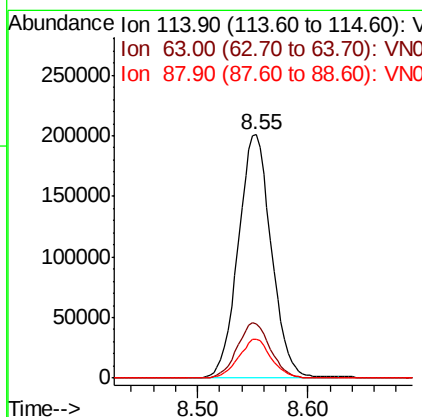
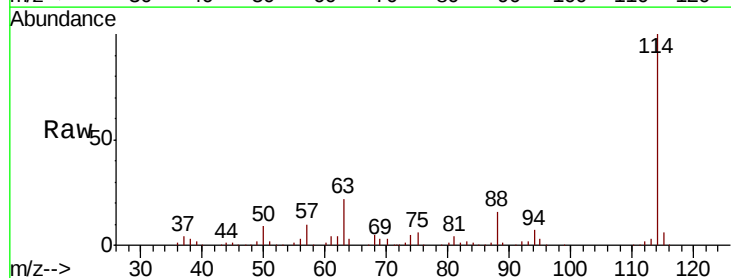
Instrument :
 MSVOA_N
 ClientSampleId :
 B-6-MW-2

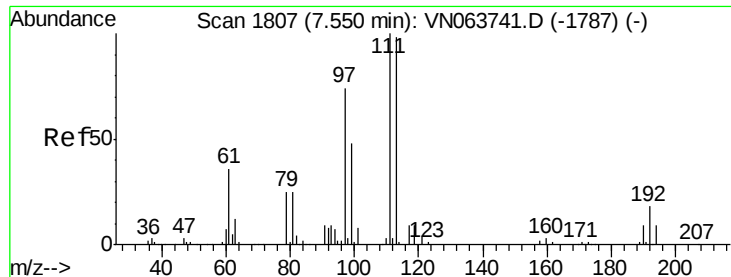
Tot Ion: 65 Resp: 202387
 Ion Ratio Lower Upper
 65 100
 67 49.9 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN063944.D
 Acq: 7 Oct 2020 15:43

Tgt Ion: 114 Resp: 416912
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 45.0
 88 16.1 0.0 34.0

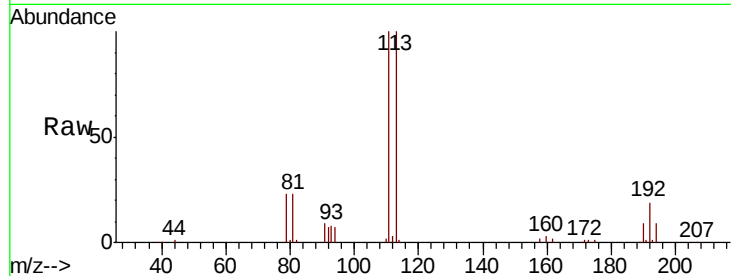




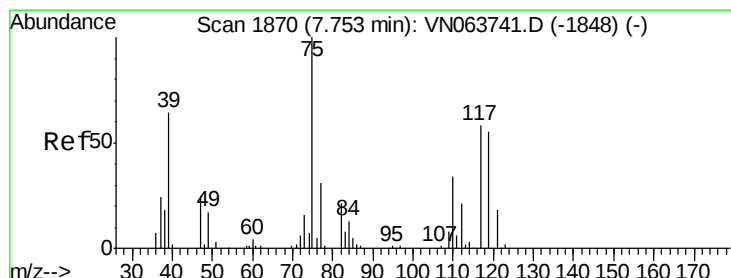
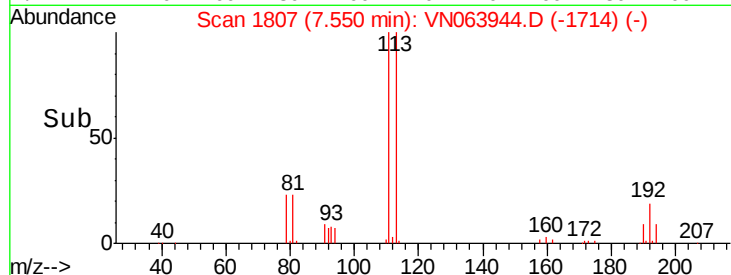
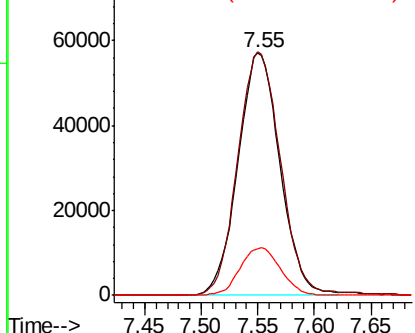
#35
Dibromofluoromethane
Concen: 50.985 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN063944.D
Acq: 7 Oct 2020 15:43

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

Tot Ion:113 Resp: 147492
Ion Ratio Lower Upper
113 100
111 102.4 81.8 122.8
192 18.9 14.2 21.2

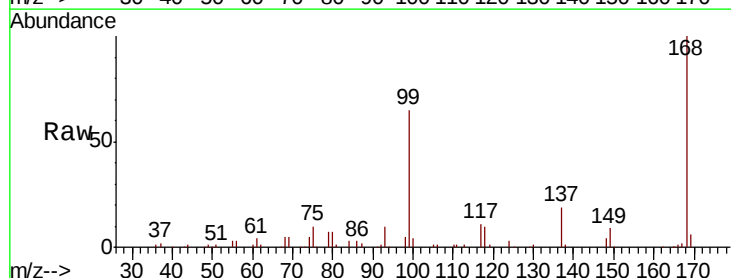


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

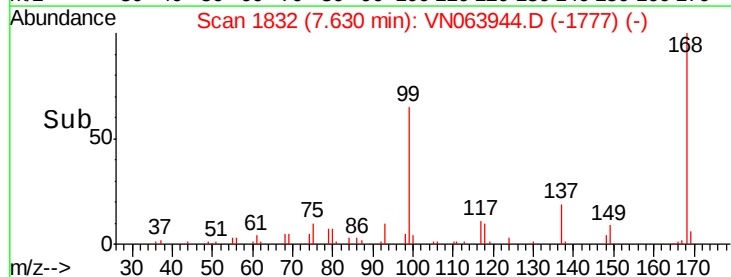
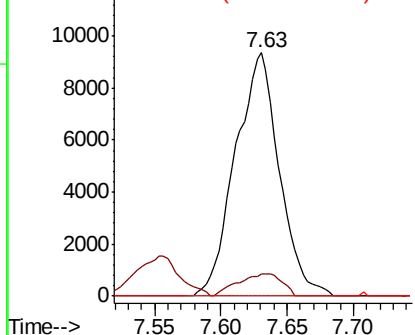


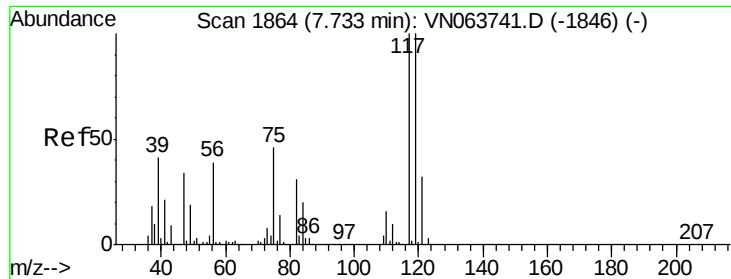
#36
1,1-Dichloropropene
Concen: 5.117 ug/l
RT: 7.63 min Scan# 1832
Delta R.T. -0.12 min
Lab File: VN063944.D
Acq: 7 Oct 2020 15:43

Tgt Ion: 75 Resp: 21612
Ion Ratio Lower Upper
75 100
110 9.1 16.9 50.6#
77 0.0 24.5 36.7#



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): V

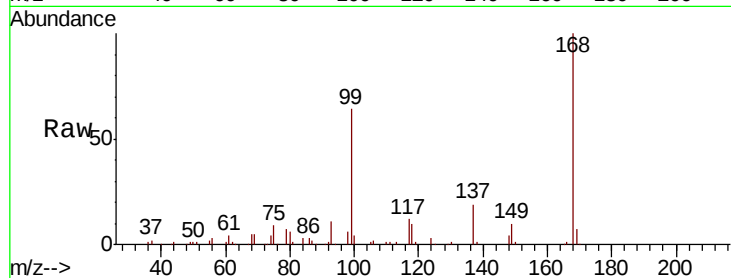




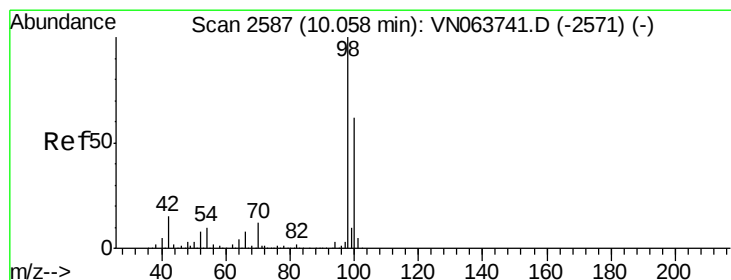
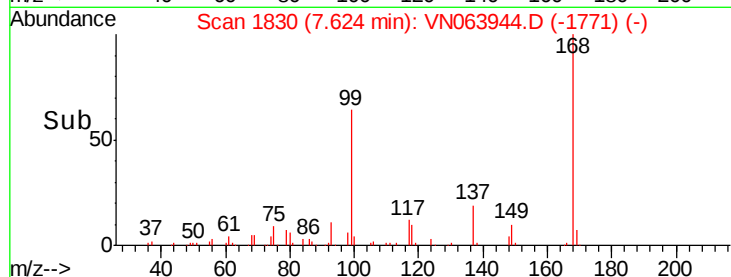
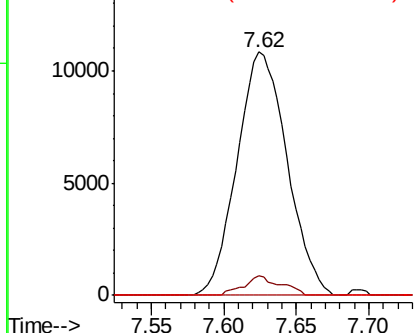
#38
Carbon Tetrachloride
Concen: 5.495 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. -0.11 min
Lab File: VN063944.D
Acq: 7 Oct 2020 15:43

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

Tot Ion:117 Resp: 26026
Ion Ratio Lower Upper
117 100
119 8.2 80.1 120.1#
121 0.0 25.7 38.5#

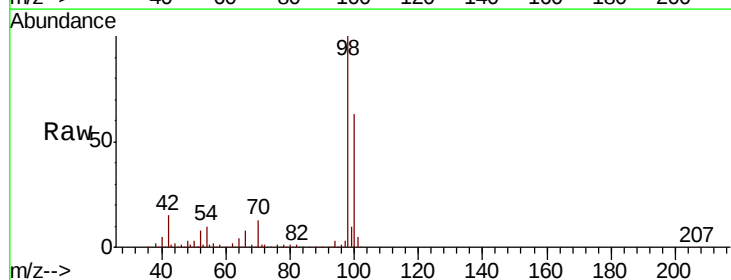


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

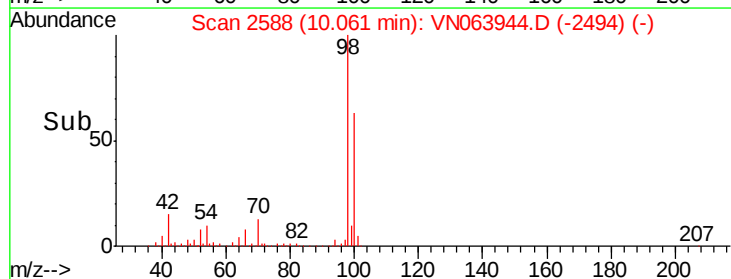
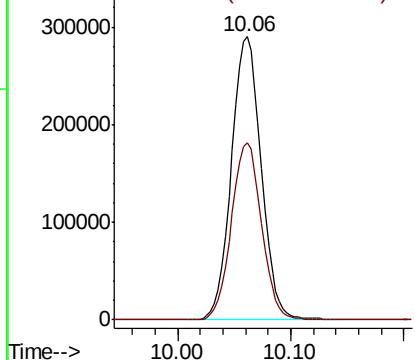


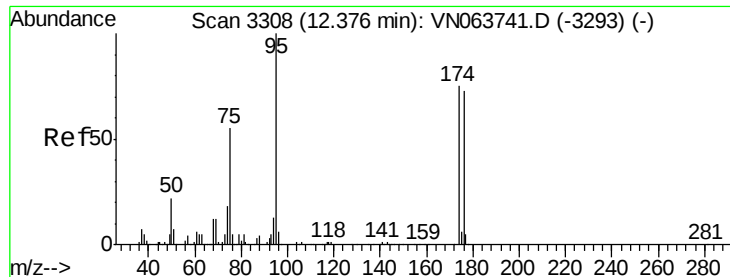
#50
Toluene-d8
Concen: 48.656 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN063944.D
Acq: 7 Oct 2020 15:43

Tgt Ion: 98 Resp: 533583
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

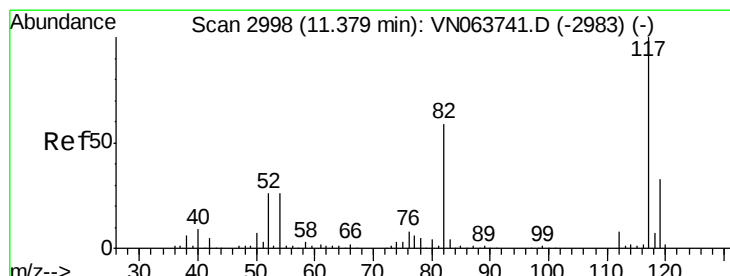
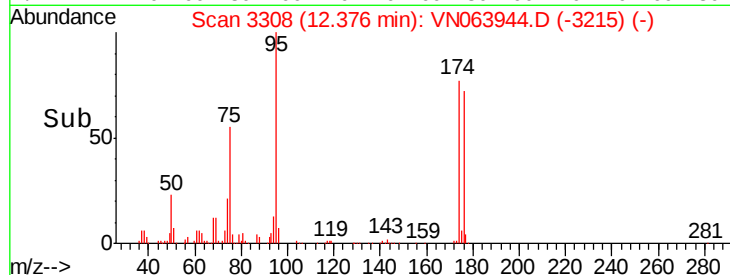
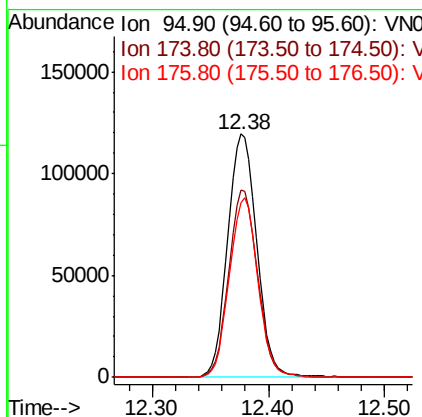
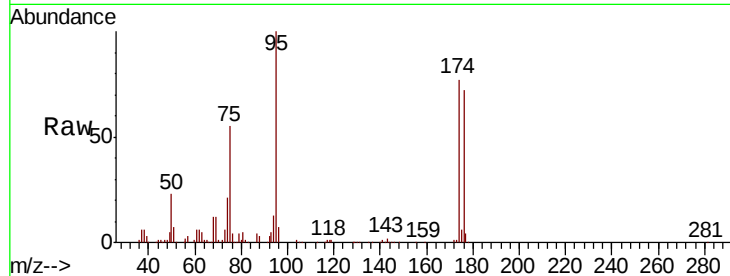




#62
4-Bromofluorobenzene
Concen: 50.344 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN063944.D
Acq: 7 Oct 2020 15:43

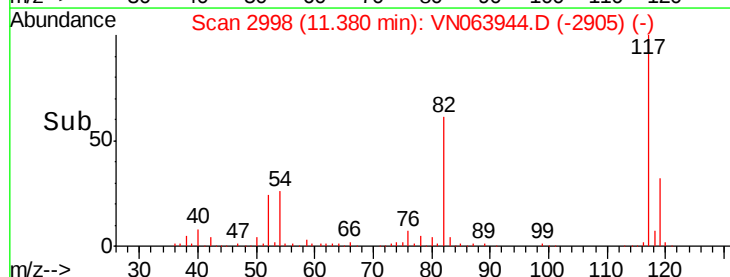
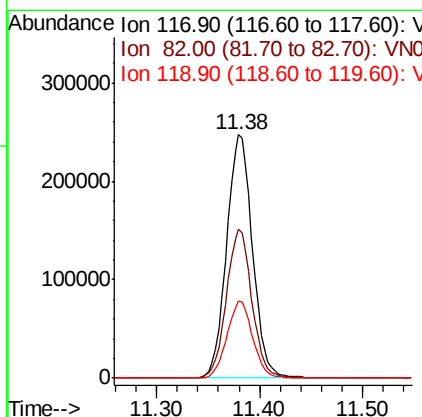
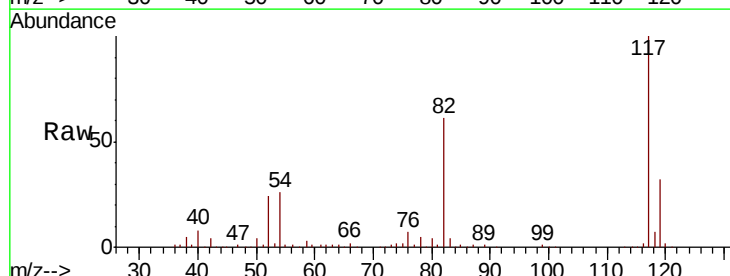
Instrument :
MSVOA_N
ClientSampled :
B-6-MW-2

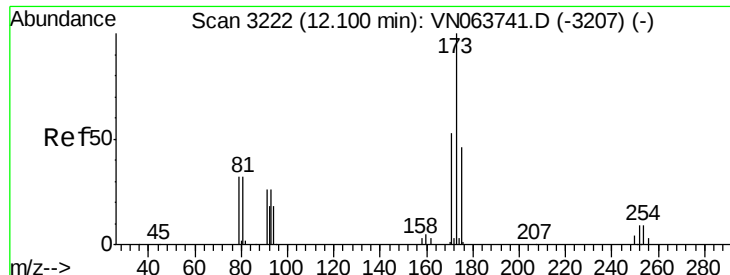
Tot Ion	95	Resp	207538
Ion Ratio	Lower	Upper	
95	100		
174	76.0	0.0	150.6
176	72.1	0.0	145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063944.D
Acq: 7 Oct 2020 15:43

Tgt Ion	117	Resp	433190
Ion Ratio	Lower	Upper	
117	100		
82	60.9	47.4	71.2
119	31.5	26.4	39.6





#71

Bromoform

Concen: 0.743 ug/l

RT: 12.38 min Scan# 3310

Delta R.T. 0.28 min

Lab File: VN063944.D

Acq: 7 Oct 2020 15:43

Instrument :

MSVOA_N

ClientSampleId :

B-6-MW-2

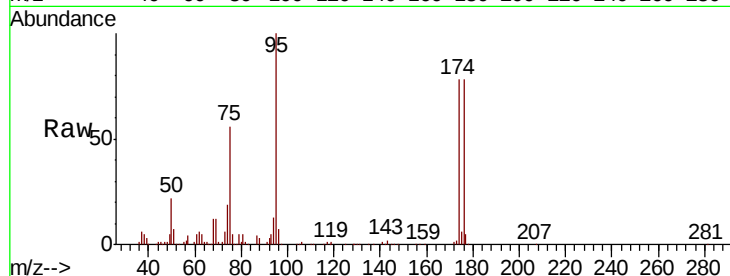
Tot Ion:173 Resp: 1936

Ion Ratio Lower Upper

173 100

175 496.5 23.5 70.5#

254 0.0 0.0 0.0

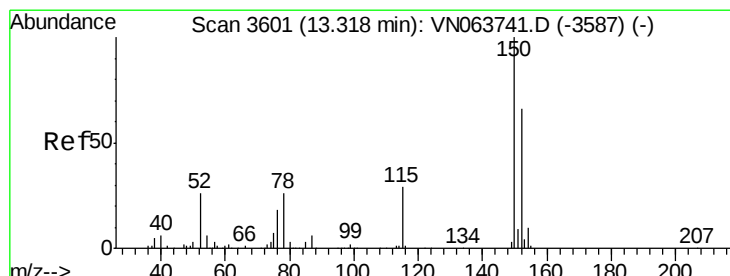
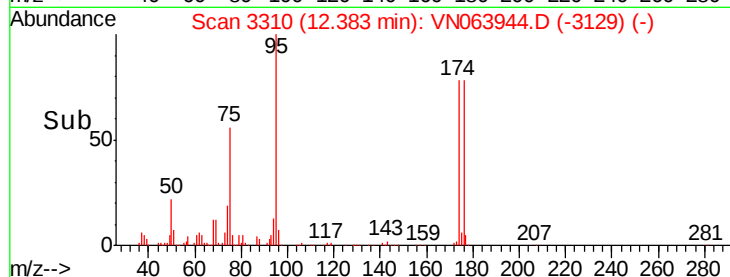
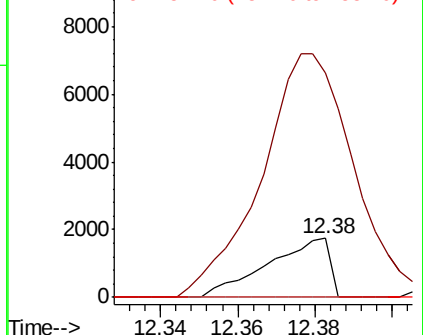


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN063944.D

Acq: 7 Oct 2020 15:43

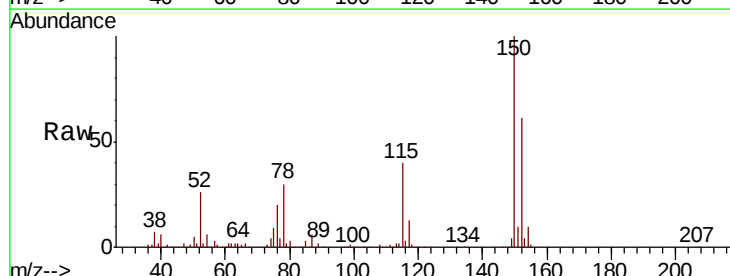
Tgt Ion:152 Resp: 176503

Ion Ratio Lower Upper

152 100

115 62.8 31.3 93.8

150 161.2 0.0 341.8

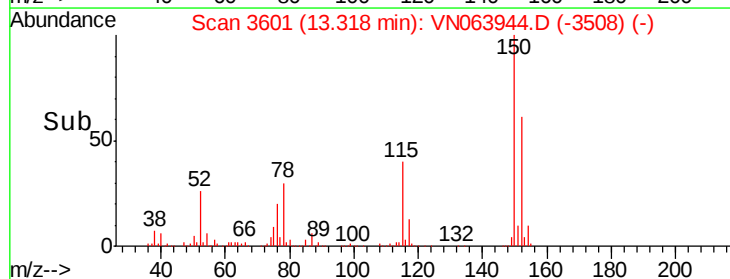
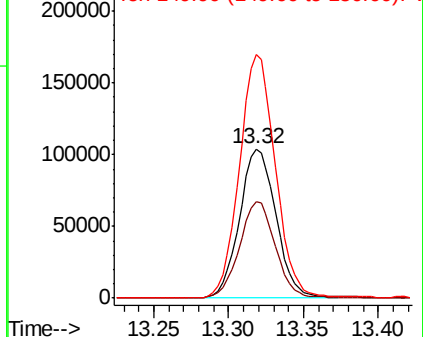


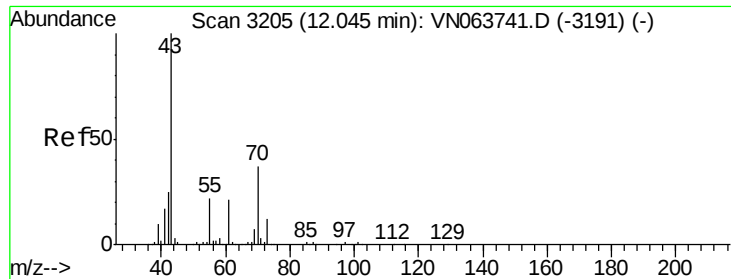
Abundance

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

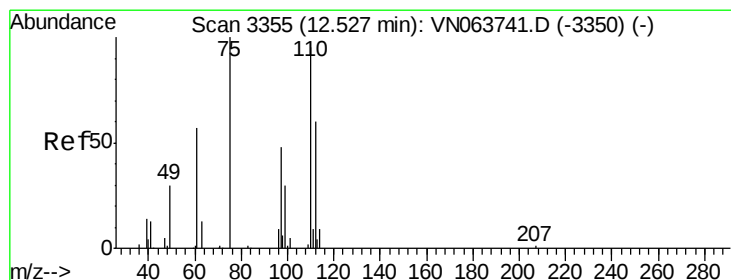
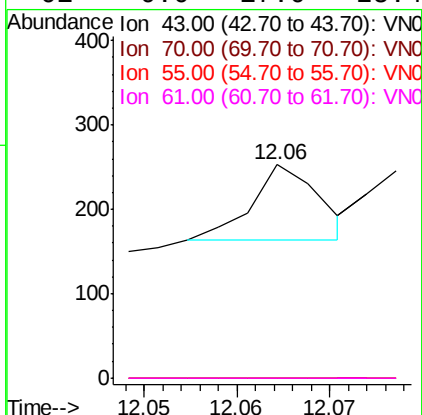
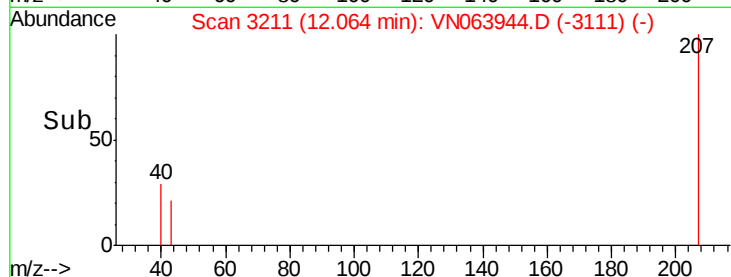
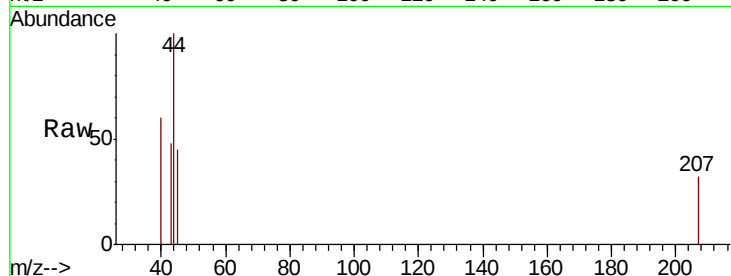




#74
N-amvl acetate
Concen: 2.223 ug/l
RT: 12.06 min Scan# 3211
Delta R.T. 0.02 min
Lab File: VN063944.D
Acq: 7 Oct 2020 15:43

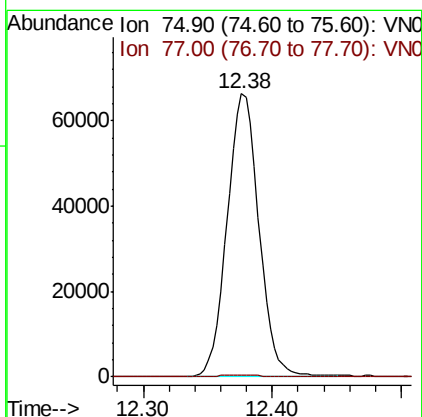
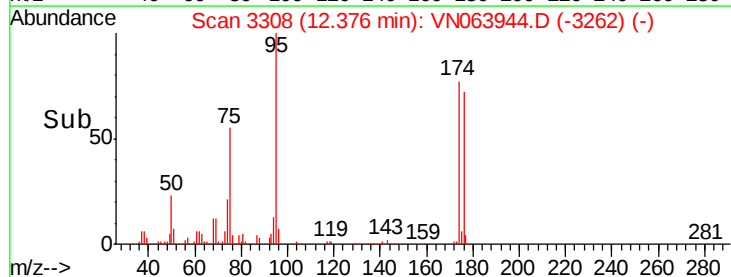
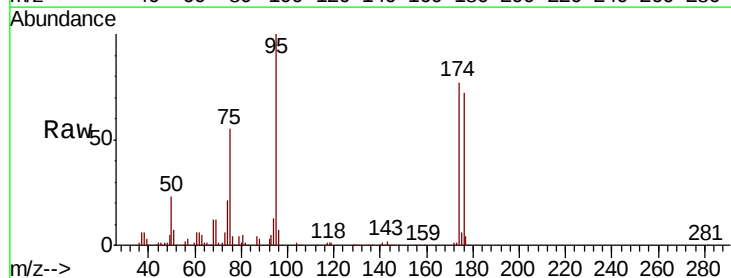
Instrument :
MSVOA_N
ClientSampleId :
B-6-MW-2

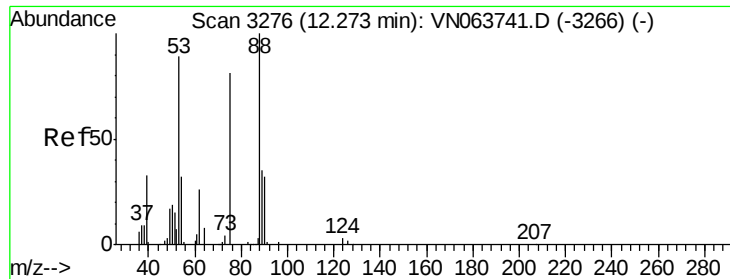
Tot Ion:	43	Resp:	45
Ion	Ratio	Lower	Upper
43	100		
70	0.0	29.8	44.8#
55	0.0	17.9	26.9#
61	0.0	17.0	25.4#



#76
1,2,3-Trichloropropane
Concen: 29.284 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.15 min
Lab File: VN063944.D
Acq: 7 Oct 2020 15:43

Tgt Ion:	75	Resp:	113939
Ion	Ratio	Lower	Upper
75	100		
77	0.4	0.0	0.0#

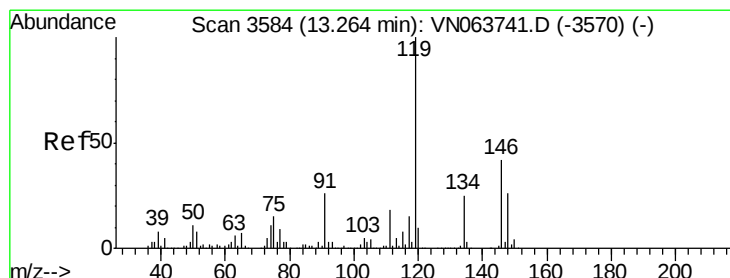
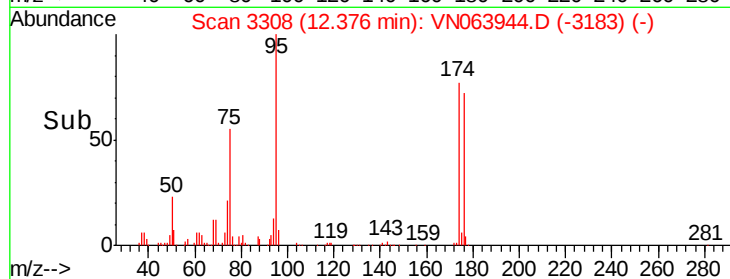
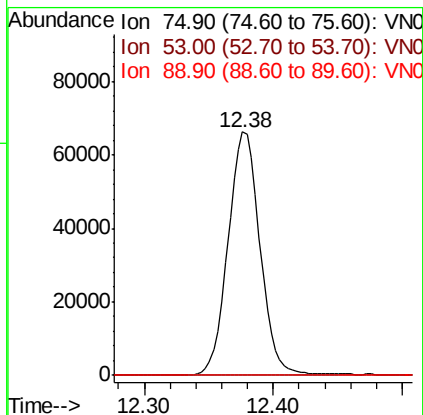
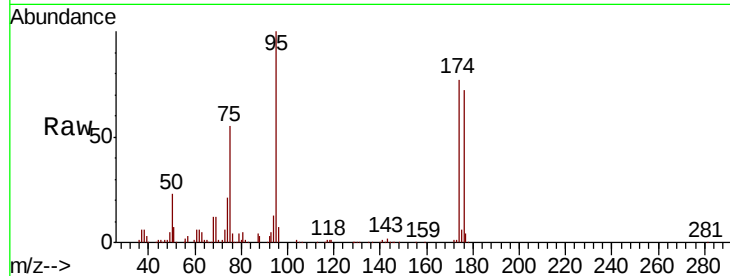




#81
 trans-1,4-Dichloro-2-butene
 Concen: 84.343 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.10 min
 Lab File: VN063944.D
 Acq: 7 Oct 2020 15:43

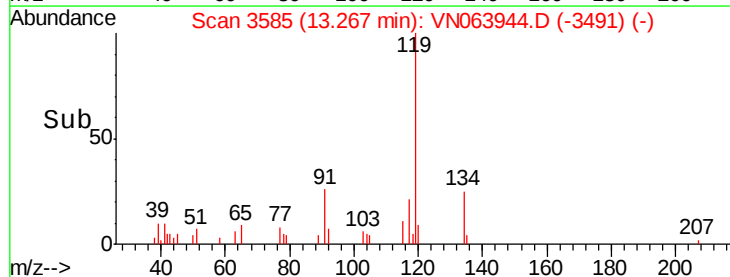
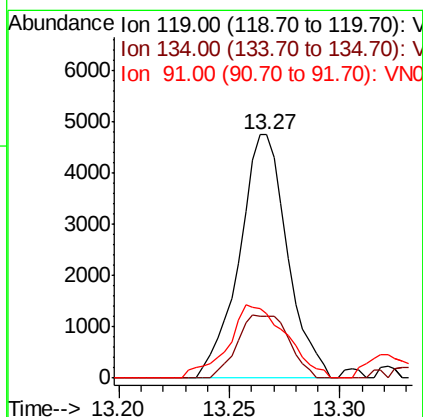
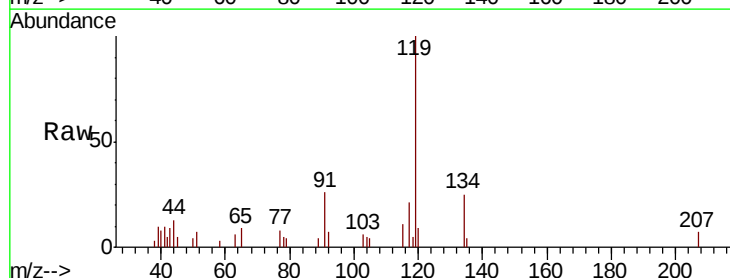
Instrument :
 MSVOA_N
 ClientSampleId :
 B-6-MW-2

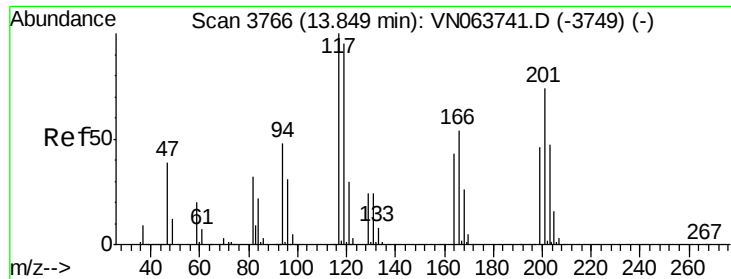
Tot Ion: 75 Resp: 113939
 Ion Ratio Lower Upper
 75 100
 53 0.1 88.2 132.2#
 89 0.0 36.0 54.0#



#86
 p-Isopropyltoluene
 Concen: 0.699 ug/l
 RT: 13.27 min Scan# 3585
 Delta R.T. 0.00 min
 Lab File: VN063944.D
 Acq: 7 Oct 2020 15:43

Tgt Ion: 119 Resp: 7180
 Ion Ratio Lower Upper
 119 100
 134 27.7 12.6 37.8
 91 36.3 13.4 40.2





#90

Hexachloroethane

Concen: 0.206 ug/l

RT: 13.97 min Scan# 3803

Delta R.T. 0.12 min

Lab File: VN063944.D

Acq: 7 Oct 2020 15:43

Instrument :

MSVOA_N

ClientSampleId :

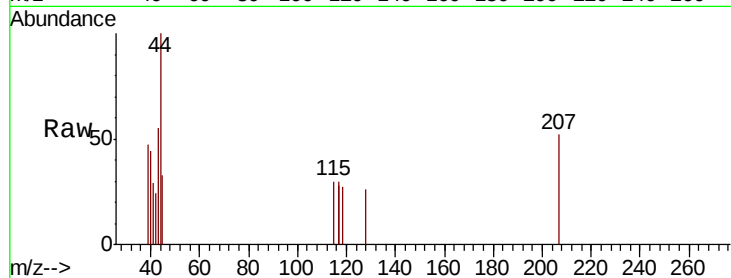
B-6-MW-2

Tot Ion:117 Resp: 409

Ion Ratio Lower Upper

117 100

201 0.0 36.0 108.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

13.97

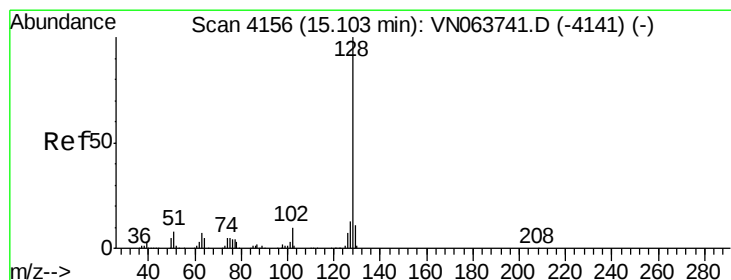
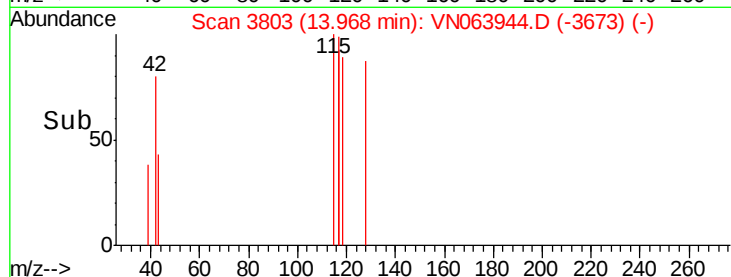
300

200

100

0

Time-->



#95

Naphthalene

Concen: 7.746 ug/l

RT: 15.11 min Scan# 4157

Delta R.T. 0.00 min

Lab File: VN063944.D

Acq: 7 Oct 2020 15:43

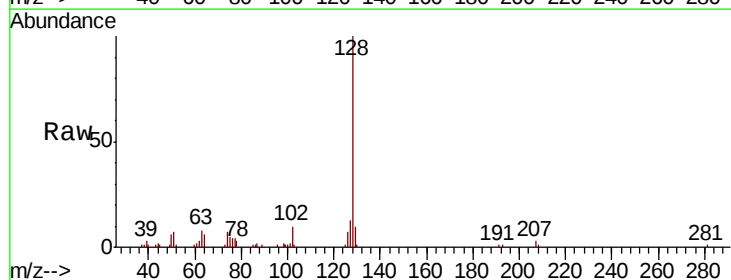
Tgt Ion:128 Resp: 57658

Ion Ratio Lower Upper

128 100

127 13.2 10.5 15.7

129 10.2 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

15.11

40000

30000

20000

10000

0

Time-->

