

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092220\
 Data File : VN063527.D
 Acq On : 22 Sep 2020 12:46
 Operator : JC/MD
 Sample : VN0922MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0922MBL01

Quant Time: Sep 23 03:59:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	219999	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	409996	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	398560	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	166138	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.98	65	178597	47.69	ug/l	0.00
Spiked Amount			Recovery	=	95.38%	
35) Dibromofluoromethane	7.55	113	130948	46.14	ug/l	0.00
Spiked Amount			Recovery	=	92.28%	
50) Toluene-d8	10.06	98	519384	48.67	ug/l	0.00
Spiked Amount			Recovery	=	97.34%	
62) 4-Bromofluorobenzene	12.38	95	203225	51.94	ug/l	0.00
Spiked Amount			Recovery	=	103.88%	

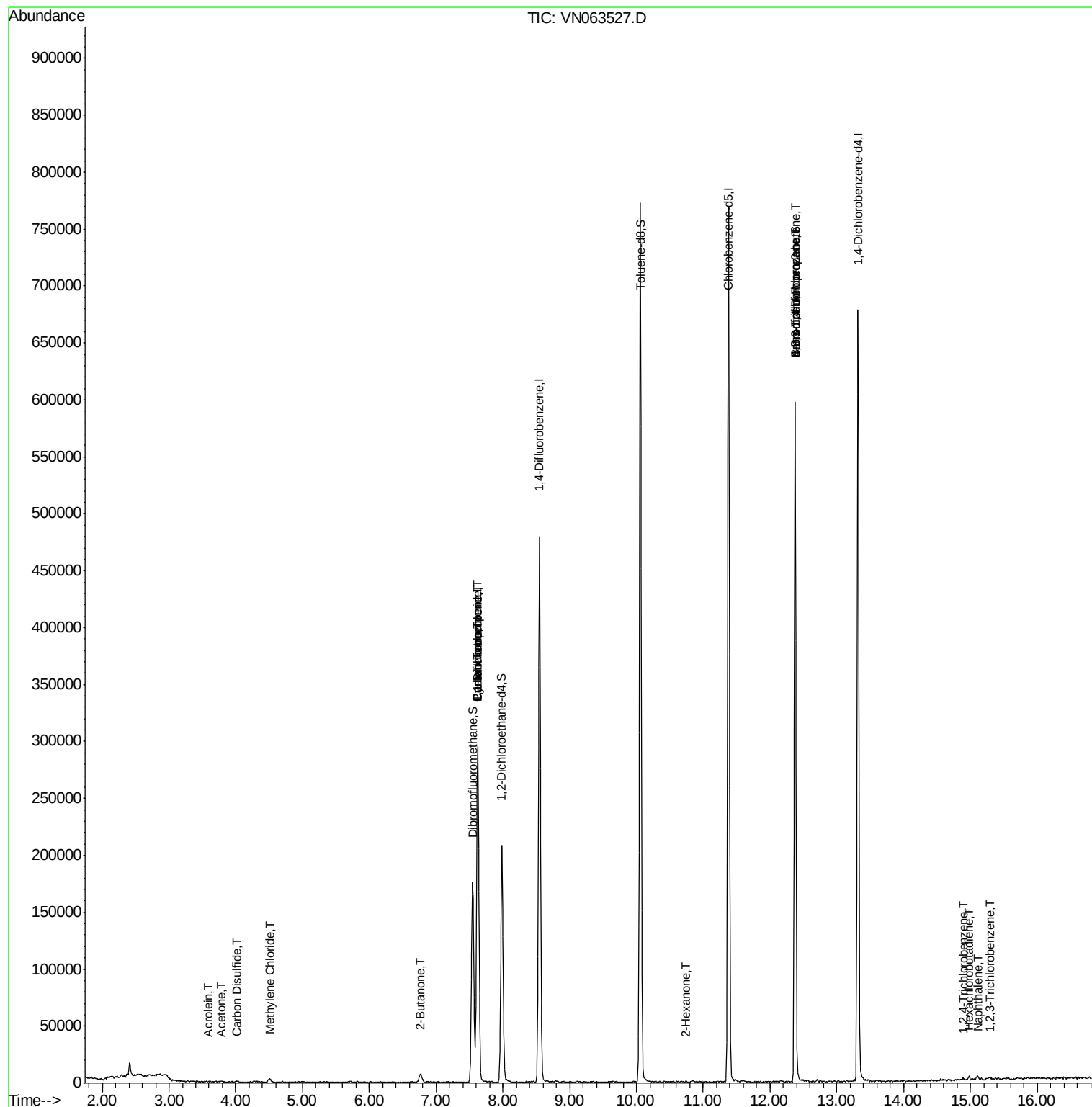
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.58	56	197	1.025	ug/l #	31
16) Acetone	3.79	43	973	0.808	ug/l #	47
17) Carbon Disulfide	4.02	76	1489	0.206	ug/l #	75
20) Methylene Chloride	4.50	84	872	0.286	ug/l #	77
25) 2-Butanone	6.78	43	727	0.393	ug/l #	51
31) Cyclohexane	7.62	56	6189	1.197	ug/l #	19
36) 1,1-Dichloropropene	7.62	75	20368	4.663	ug/l #	49
38) Carbon Tetrachloride	7.63	117	24963	5.599	ug/l #	17
59) 2-Hexanone	10.74	43	932	0.300	ug/l #	33
71) Bromoform	12.37	173	775	0.335	ug/l #	1
76) 1,2,3-Trichloropropane	12.38	75	110934	26.977	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	110934	73.961	ug/l #	7
93) 1,2,4-Trichlorobenzene	14.89	180	652	0.203	ug/l	86
94) Hexachlorobutadiene	14.99	225	577	0.434	ug/l #	59
95) Naphthalene	15.11	128	3688	0.347	ug/l #	77
96) 1,2,3-Trichlorobenzene	15.30	180	1032	0.332	ug/l	75

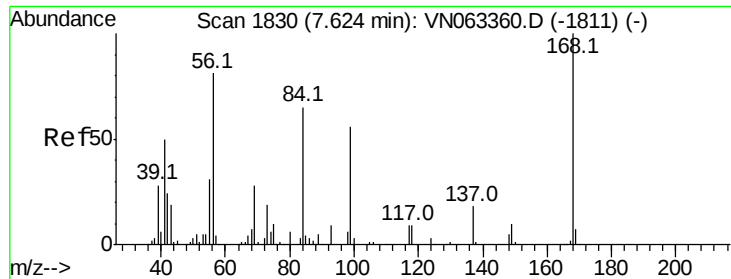
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092220\
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ALS Vial : 3 Sample Multiplier: 1

Instrument :
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Quant Time: Sep 23 03:59:53 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 16 13:05:20 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN063527.D

Acq: 22 Sep 2020 12:46

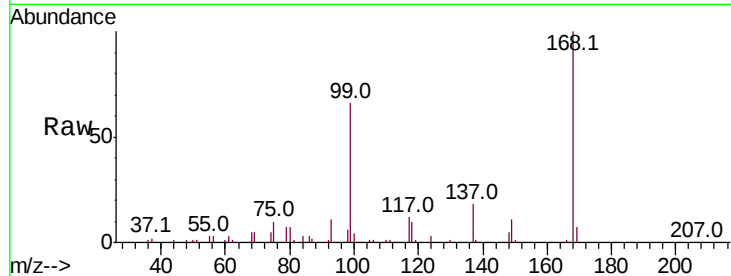
Instrument :
MSVOA_N
ClientSampled :
VN0922MBL01

Tot Ion:168 Resp: 219999

Ion Ratio Lower Upper

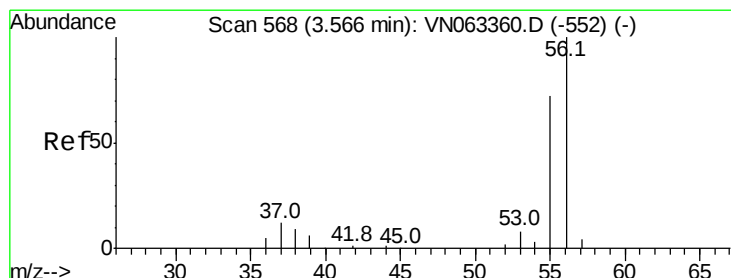
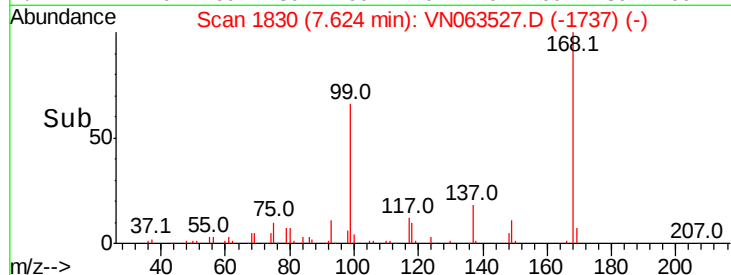
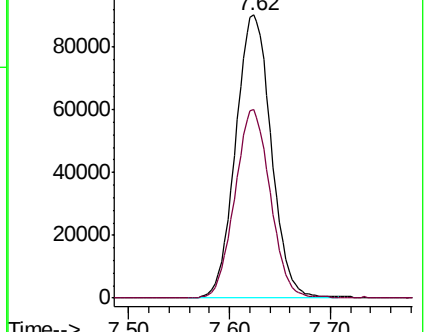
168 100

99 66.5 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#13

Acrolein

Concen: 1.025 ug/l

RT: 3.58 min Scan# 572

Delta R.T. 0.01 min

Lab File: VN063527.D

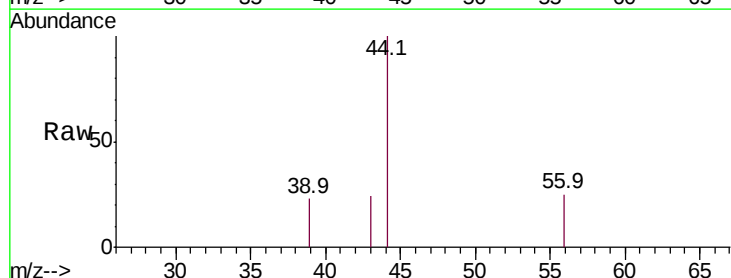
Acq: 22 Sep 2020 12:46

Tgt Ion: 56 Resp: 197

Ion Ratio Lower Upper

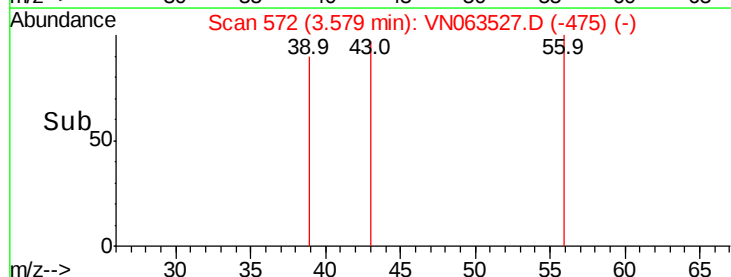
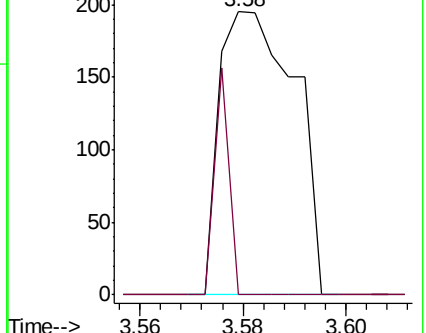
56 100

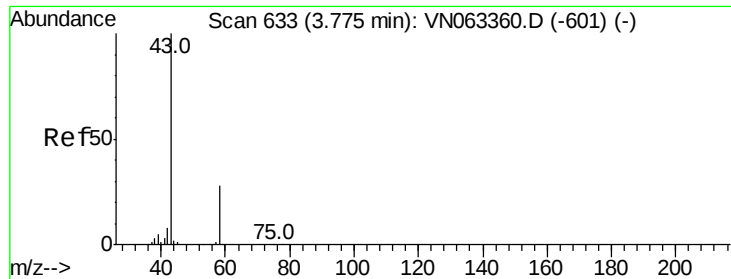
55 15.2 58.2 87.2#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

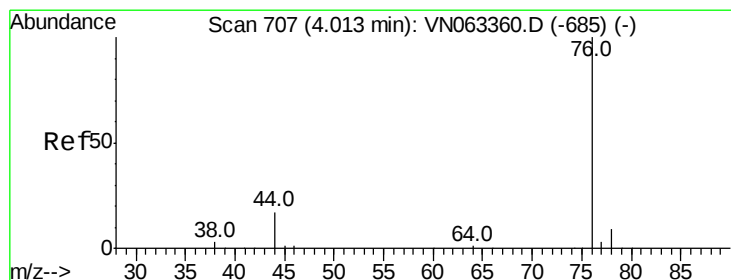
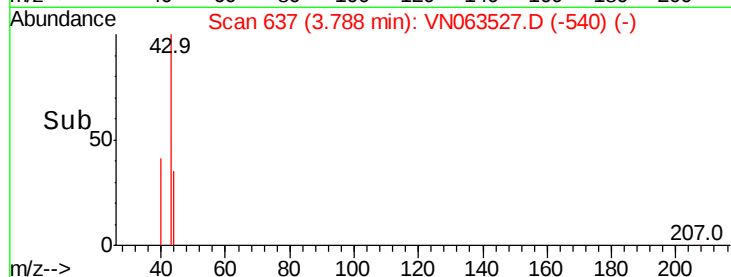
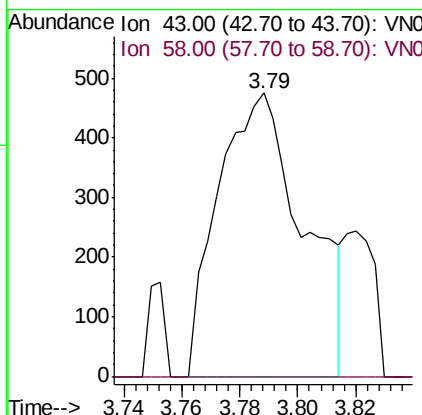
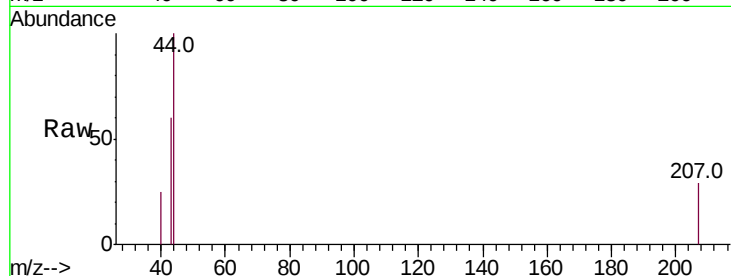




#16
Acetone
Concen: 0.808 ug/l
RT: 3.79 min Scan# 637
Delta R.T. 0.01 min
Lab File: VN063527.D
Acq: 22 Sep 2020 12:46

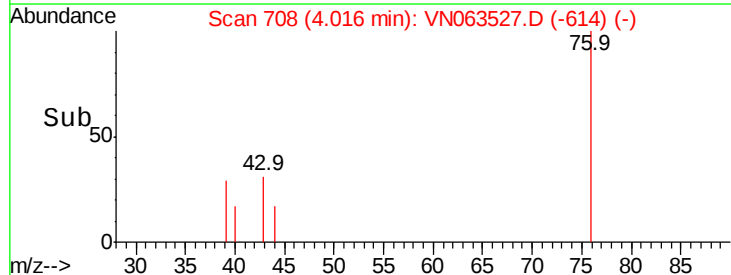
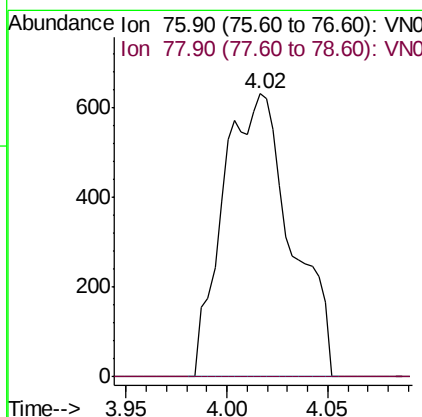
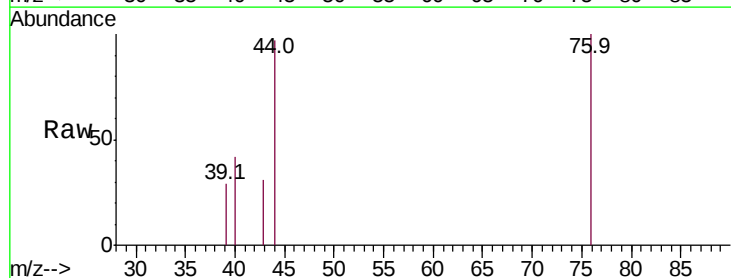
Instrument :
MSVOA_N
ClientSampleId :
VN0922MBL01

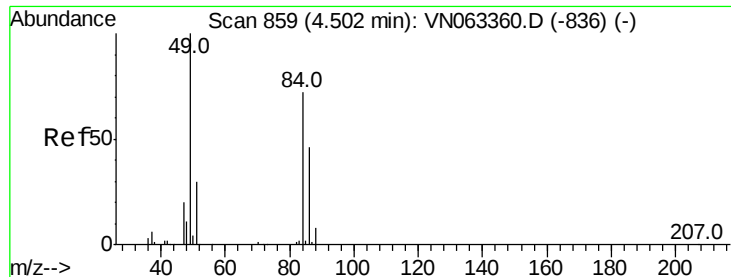
Tot Ion: 43 Resp: 973
Ion Ratio Lower Upper
43 100
58 0.0 22.3 33.5#



#17
Carbon Disulfide
Concen: 0.206 ug/l
RT: 4.02 min Scan# 708
Delta R.T. 0.00 min
Lab File: VN063527.D
Acq: 22 Sep 2020 12:46

Tgt Ion: 76 Resp: 1489
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

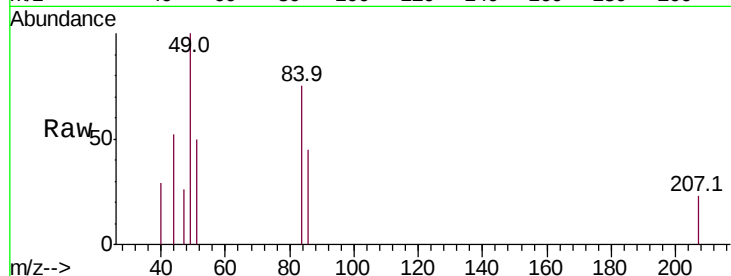




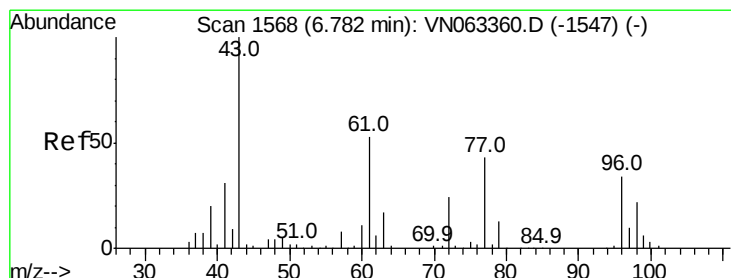
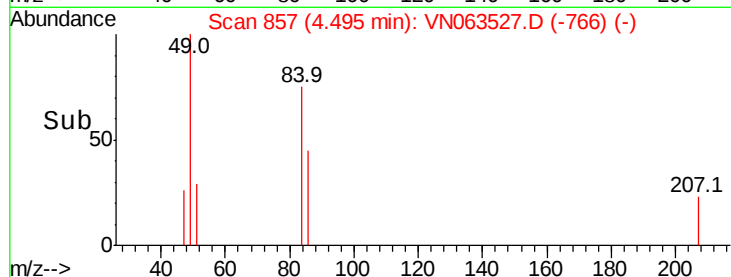
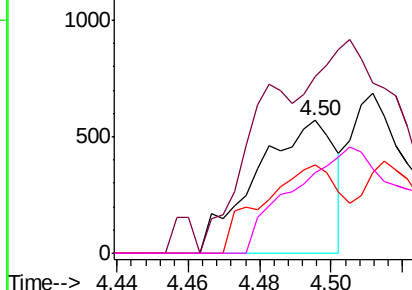
#20
Methvlene Chloride
Concen: 0.286 ug/l
RT: 4.50 min Scan# 857
Delta R.T. -0.01 min
Lab File: VN063527.D
Acq: 22 Sep 2020 12:46

Instrument :
MSVOA_N
ClientSampled :
VN0922MBL01

Tot Ion: 84 Resp: 872
Ion Ratio Lower Upper
84 100
49 106.0 110.7 166.1#
51 66.8 32.9 49.3#
86 60.5 51.1 76.7

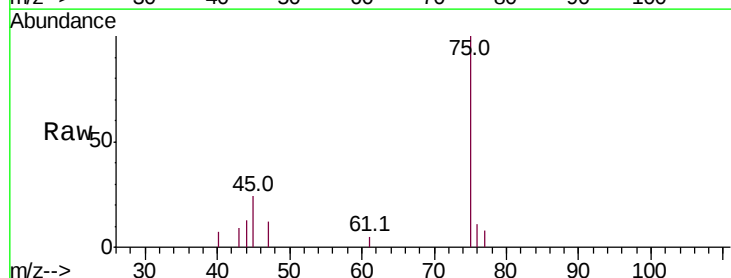


Abundance Ion 83.90 (83.60 to 84.60): VNO
Ion 48.90 (48.60 to 49.60): VNO
Ion 50.90 (50.60 to 51.60): VNO
Ion 85.90 (85.60 to 86.60): VNO

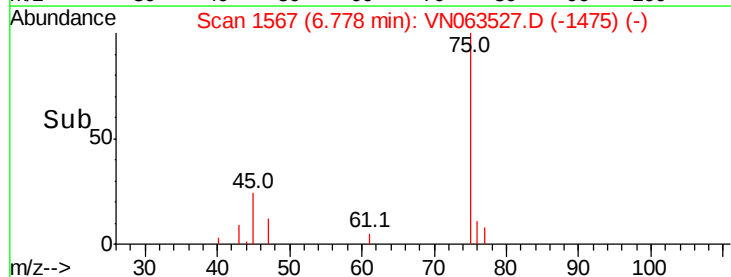
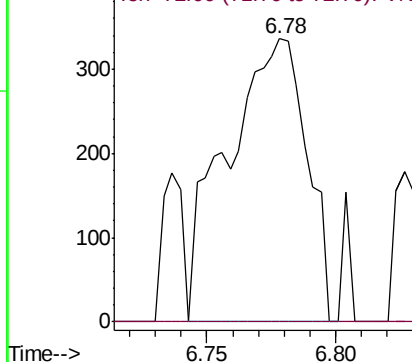


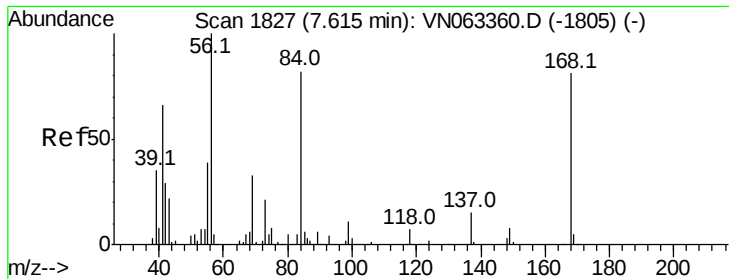
#25
2-Butanone
Concen: 0.393 ug/l
RT: 6.78 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VN063527.D
Acq: 22 Sep 2020 12:46

Tgt Ion: 43 Resp: 727
Ion Ratio Lower Upper
43 100
72 0.0 19.2 28.8#



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 72.00 (71.70 to 72.70): VNO

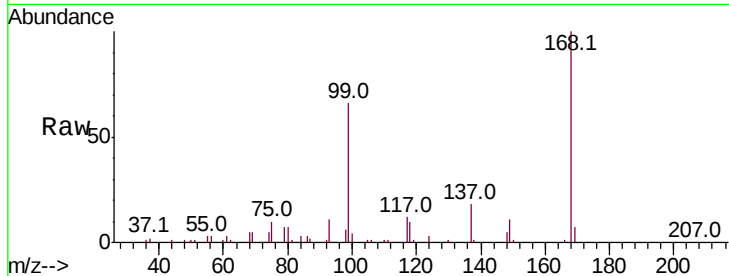




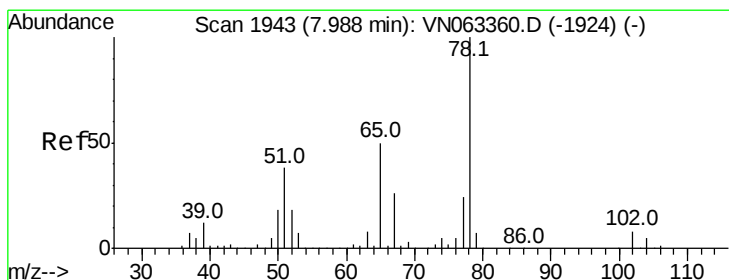
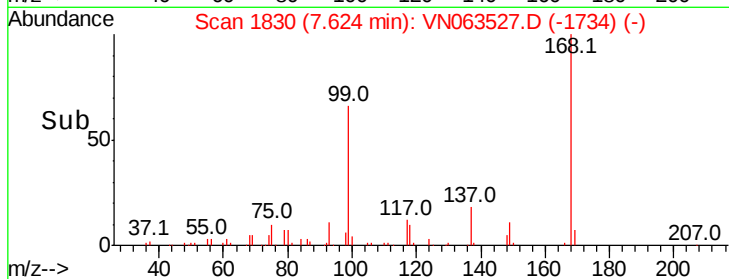
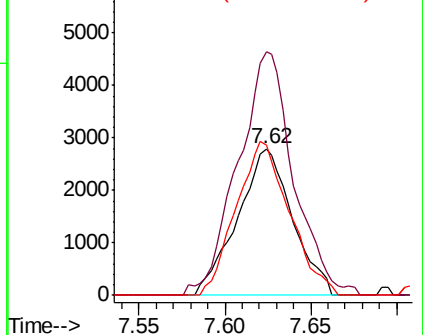
#31
Cyclohexane
Concen: 1.197 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. 0.01 min
Lab File: VN063527.D
Acq: 22 Sep 2020 12:46

Instrument :
MSVOA_N
ClientSampled :
VN0922MBL01

Tot Ion: 56 Resp: 6189
Ion Ratio Lower Upper
56 100
69 159.6 26.1 39.1#
84 102.1 65.4 98.2#

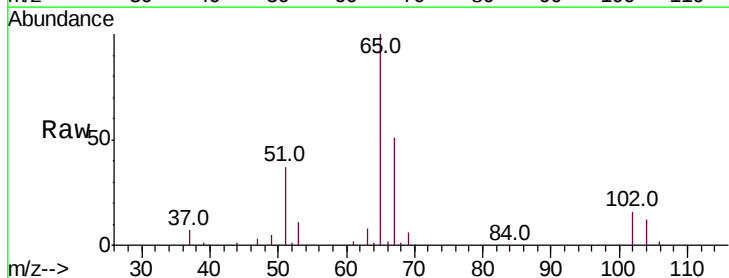


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

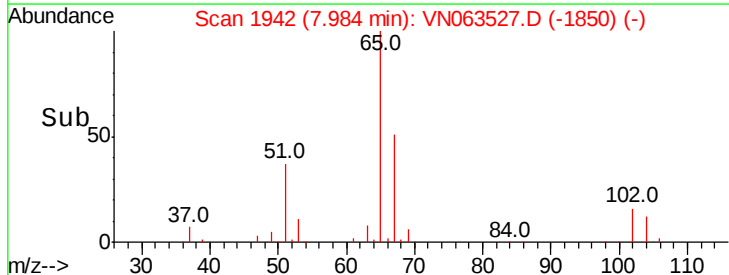
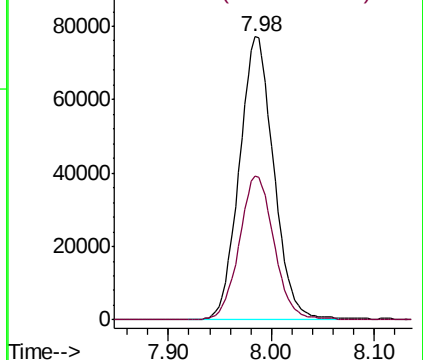


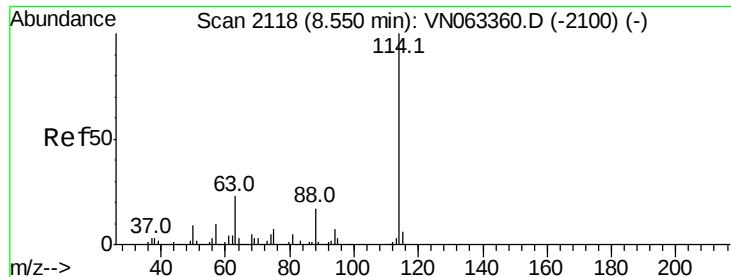
#33
1,2-Dichloroethane-d4
Concen: 47.690 ug/l
RT: 7.98 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN063527.D
Acq: 22 Sep 2020 12:46

Tgt Ion: 65 Resp: 178597
Ion Ratio Lower Upper
65 100
67 51.4 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

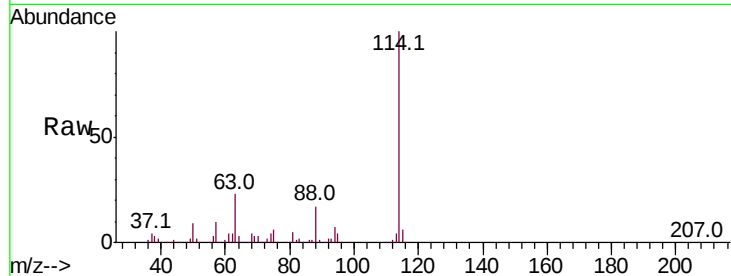




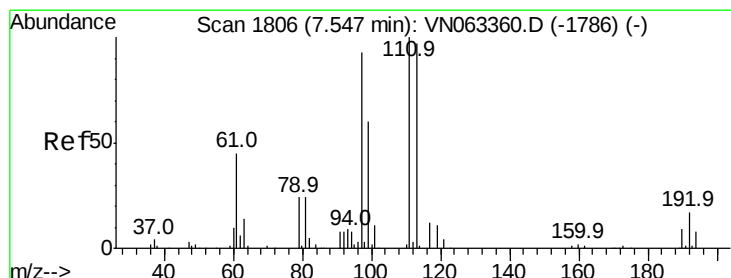
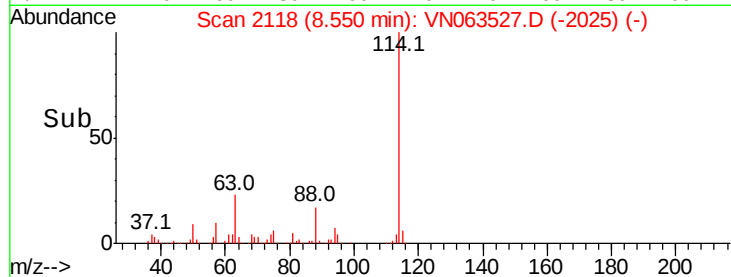
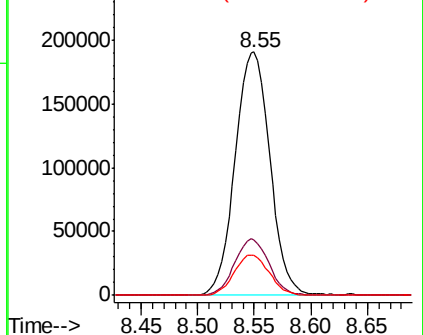
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063527.D
 Acq: 22 Sep 2020 12:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0922MBL01

Tot Ion:114 Resp: 409996
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 46.4
 88 16.6 0.0 33.2

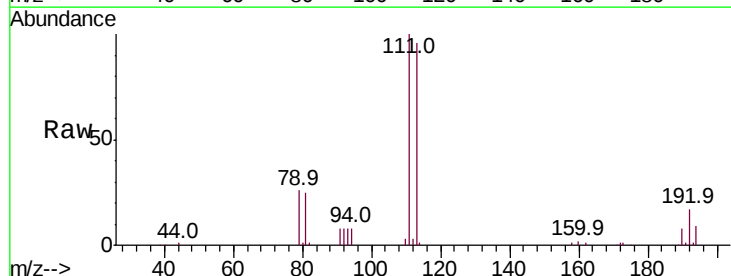


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

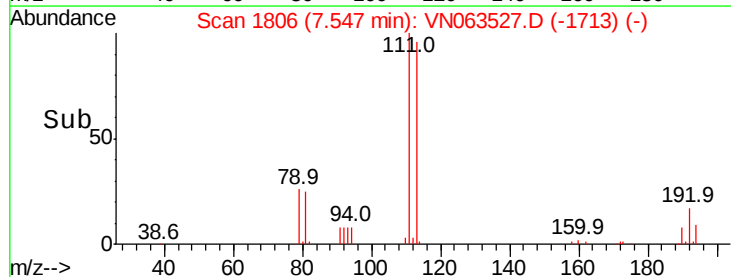
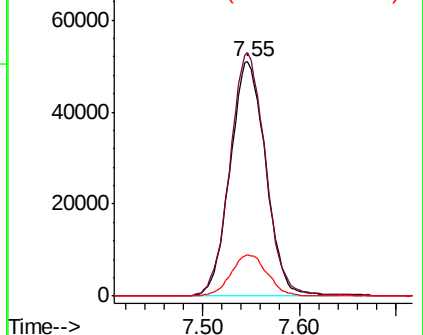


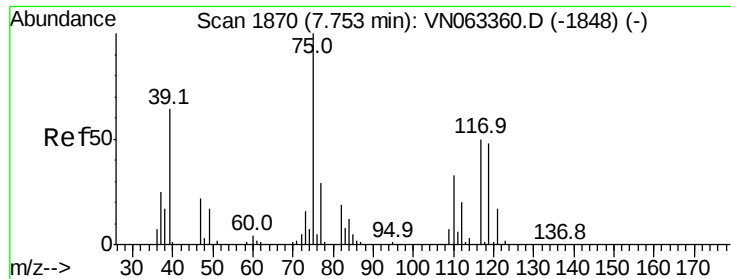
#35
 Dibromofluoromethane
 Concen: 46.136 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN063527.D
 Acq: 22 Sep 2020 12:46

Tgt Ion:113 Resp: 130948
 Ion Ratio Lower Upper
 113 100
 111 103.3 82.9 124.3
 192 17.8 13.9 20.9



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

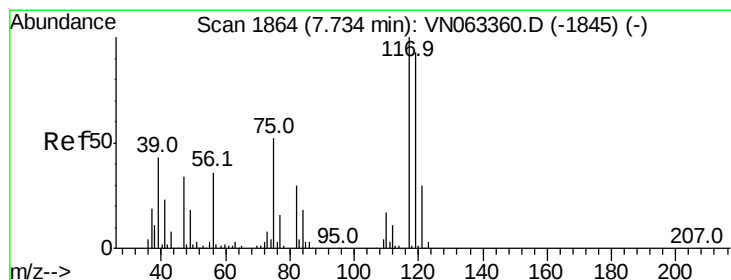
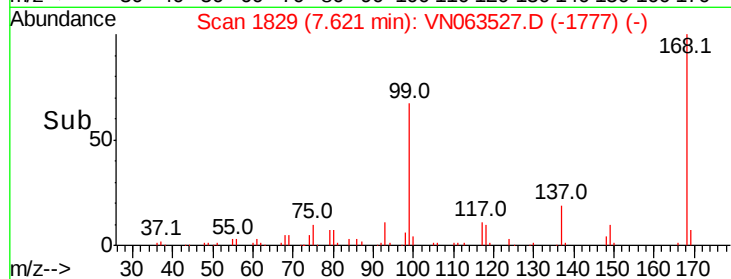
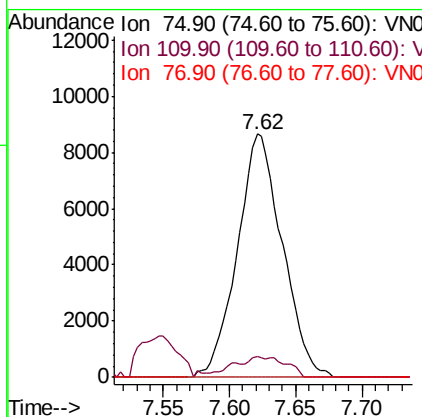
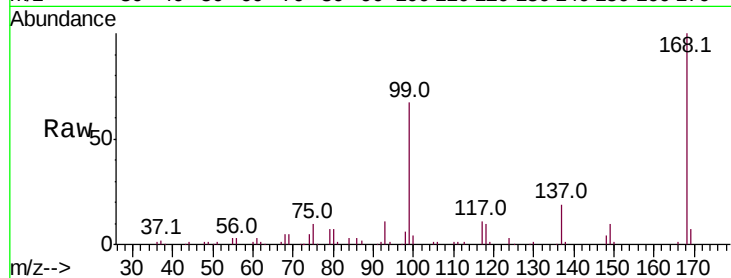




#36
 1,1-Dichloropropene
 Concen: 4.663 ug/l
 RT: 7.62 min Scan# 1829
 Delta R.T. -0.13 min
 Lab File: VN063527.D
 Acq: 22 Sep 2020 12:46

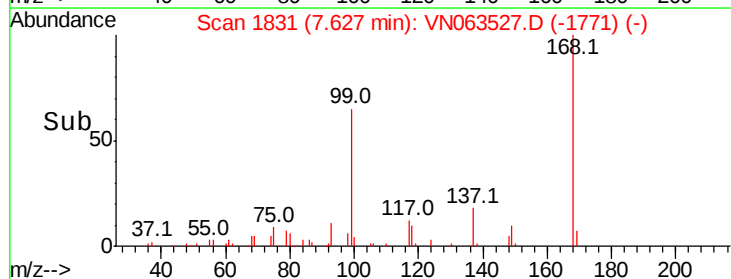
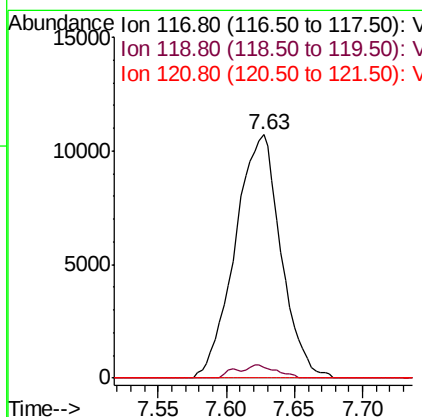
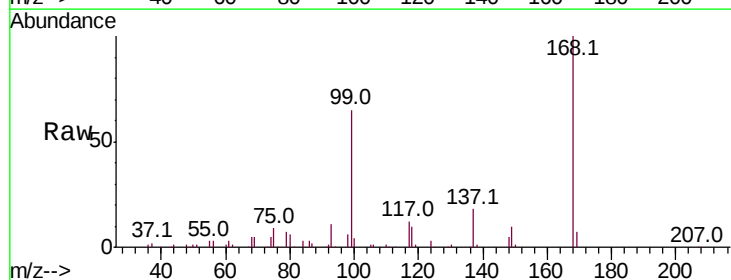
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0922MBL01

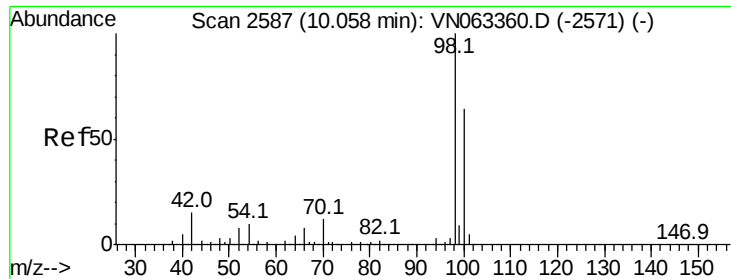
Tot Ion	Ratio	Lower	Upper
75	100		
110	6.9	16.5	49.5#
77	0.0	24.6	36.8#



#38
 Carbon Tetrachloride
 Concen: 5.599 ug/l
 RT: 7.63 min Scan# 1831
 Delta R.T. -0.11 min
 Lab File: VN063527.D
 Acq: 22 Sep 2020 12:46

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.6	74.5	111.7#
121	0.0	24.1	36.1#





#50

Toluene-d8

Concen: 48.665 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN063527.D

Acq: 22 Sep 2020 12:46

Instrument :

MSVOA_N

ClientSampleId :

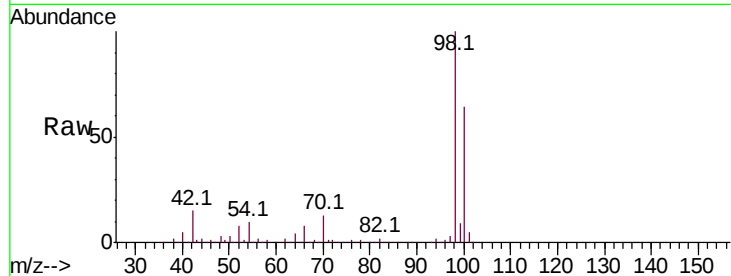
VN0922MBL01

Tot Ion: 98 Resp: 519384

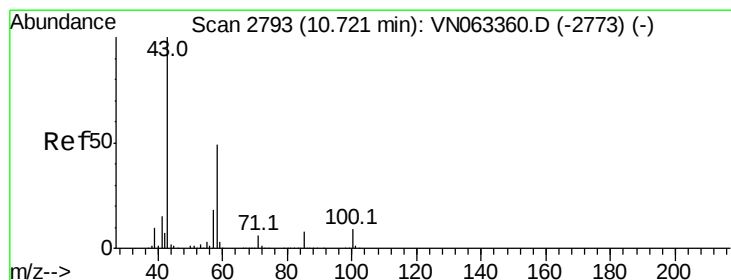
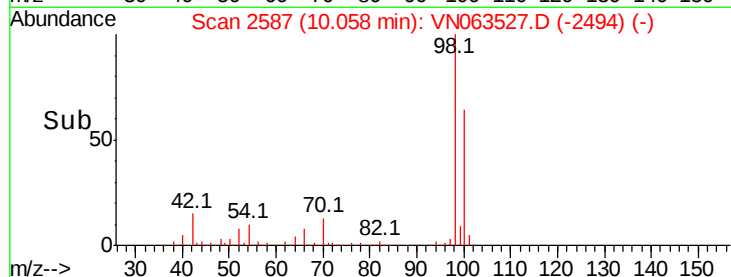
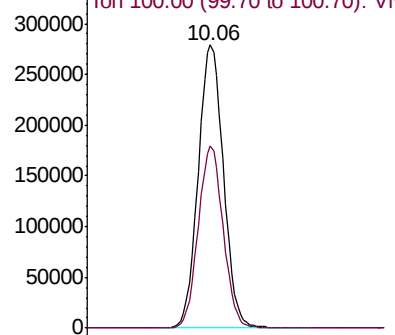
Ion Ratio Lower Upper

98 100

100 63.5 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN063360.D (-2571) (-)



#59

2-Hexanone

Concen: 0.300 ug/l

RT: 10.74 min Scan# 2799

Delta R.T. 0.02 min

Lab File: VN063527.D

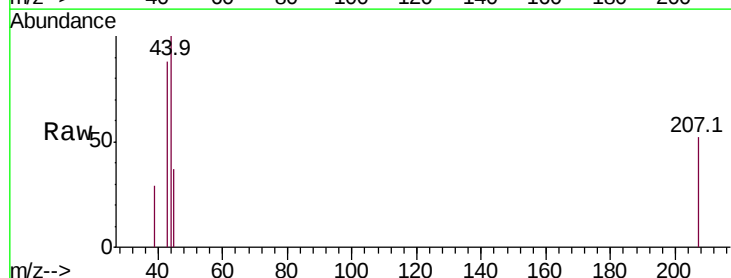
Acq: 22 Sep 2020 12:46

Tgt Ion: 43 Resp: 932

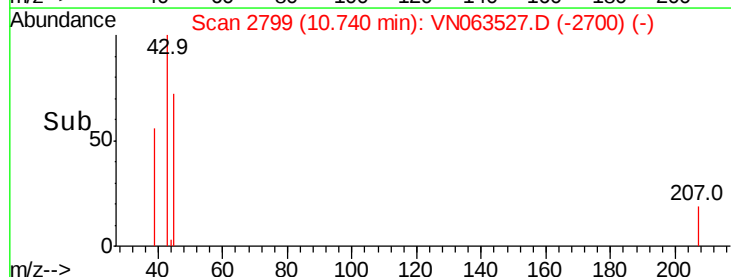
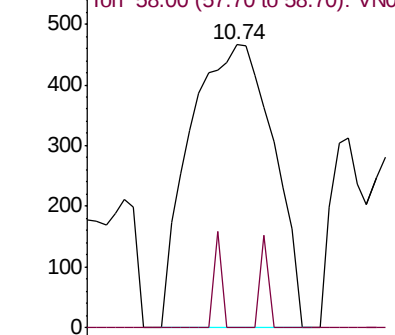
Ion Ratio Lower Upper

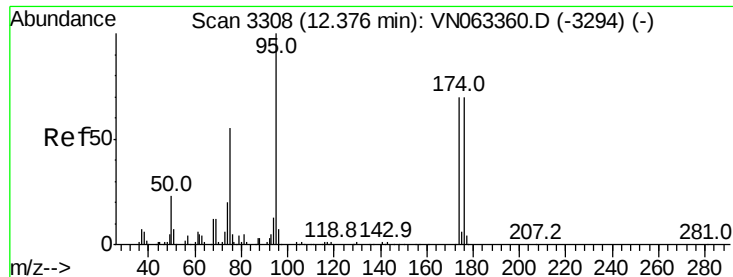
43 100

58 3.3 24.7 74.1#



Abundance Ion 43.00 (42.70 to 43.70): VN063360.D (-2773) (-)





#62

4-Bromofluorobenzene

Concen: 51.944 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063527.D

Acq: 22 Sep 2020 12:46

Instrument :

MSVOA_N

ClientSampleId :

VN0922MBL01

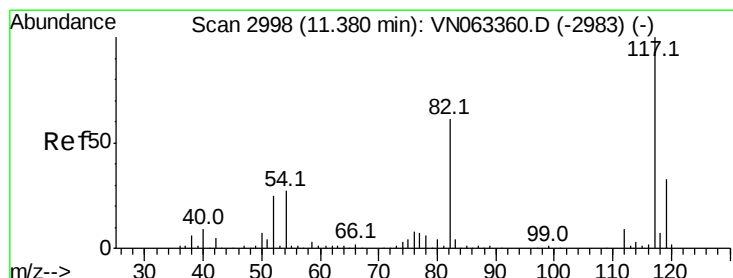
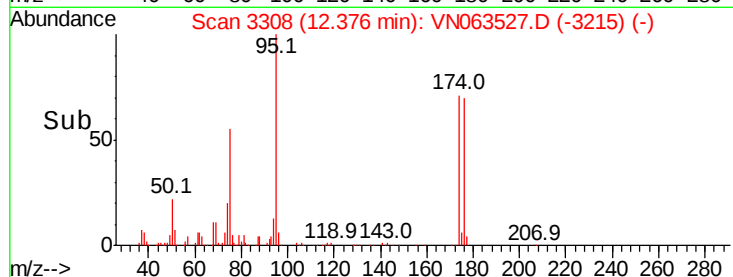
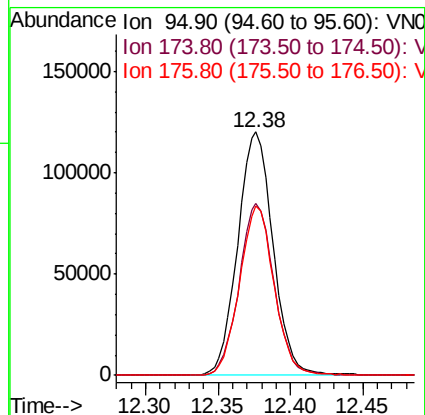
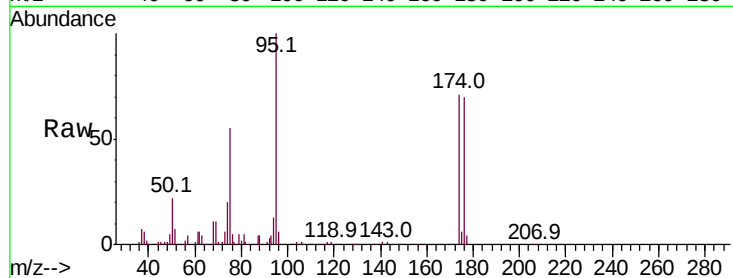
Tot Ion: 95 Resp: 203225

Ion Ratio Lower Upper

95 100

174 70.0 0.0 140.8

176 68.5 0.0 137.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. -0.00 min

Lab File: VN063527.D

Acq: 22 Sep 2020 12:46

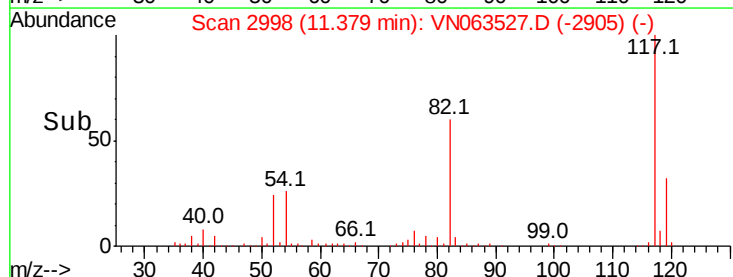
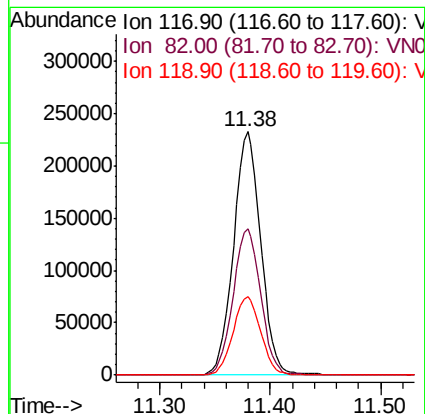
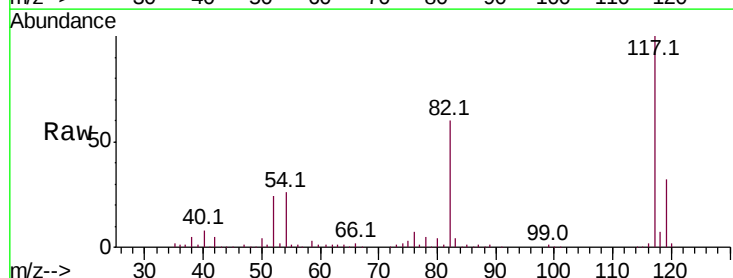
Tgt Ion: 117 Resp: 398560

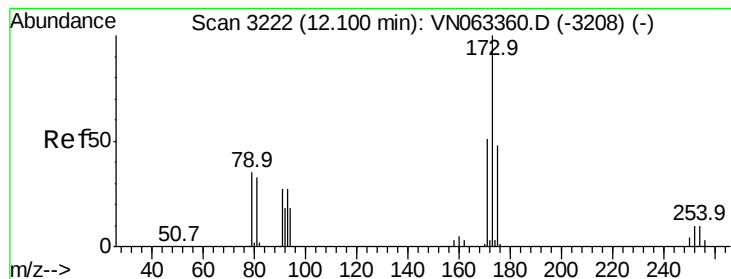
Ion Ratio Lower Upper

117 100

82 59.9 49.2 73.8

119 32.5 26.2 39.4





#71

Bromoform

Concen: 0.335 ug/l

RT: 12.37 min Scan# 3306

Delta R.T. 0.27 min

Lab File: VN063527.D

Acq: 22 Sep 2020 12:46

Instrument :

MSVOA_N

ClientSampleId :

VN0922MBL01

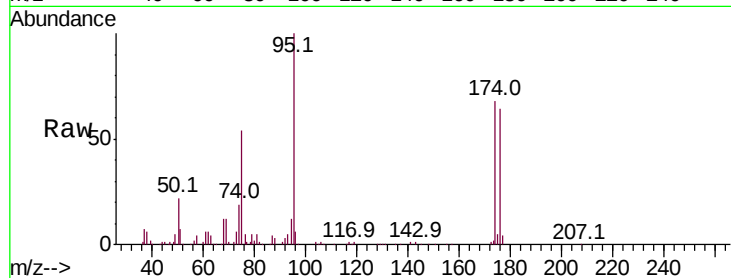
Tot Ion:173 Resp: 775

Ion Ratio Lower Upper

173 100

175 1281.8 24.0 72.0#

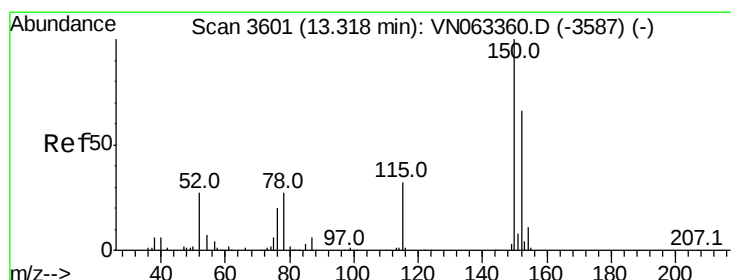
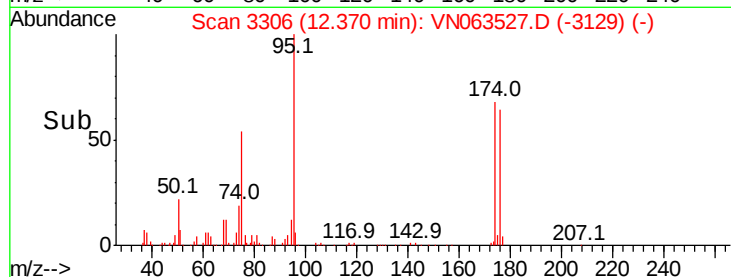
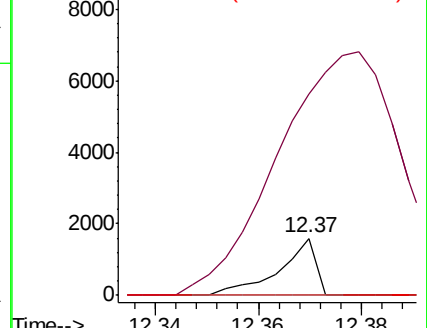
254 0.0 0.0 0.0



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: VN063527.D

Acq: 22 Sep 2020 12:46

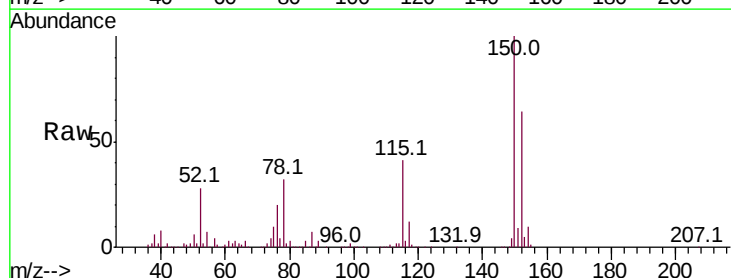
Tgt Ion:152 Resp: 166138

Ion Ratio Lower Upper

152 100

115 62.6 32.2 96.6

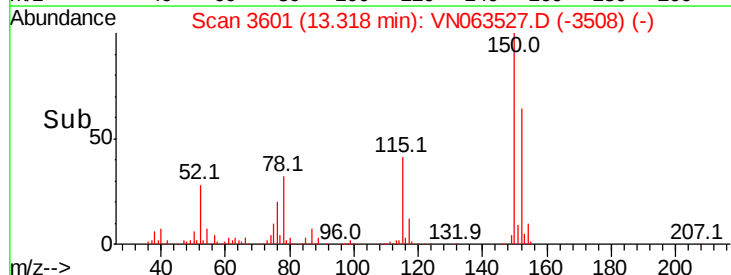
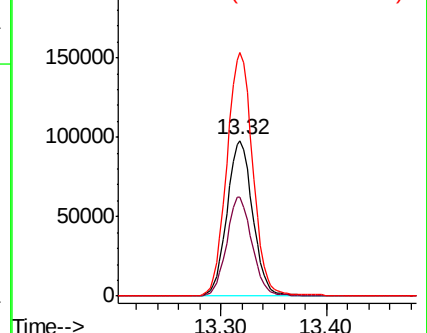
150 156.8 0.0 343.4

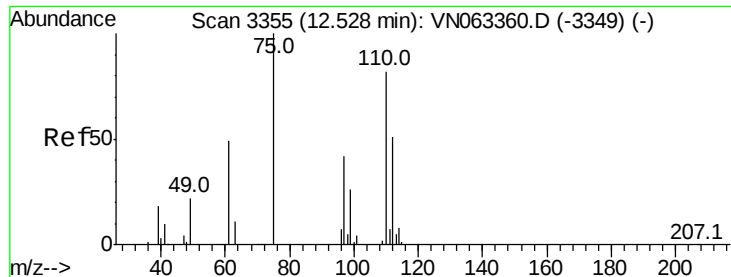


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 26.977 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.15 min

Lab File: VN063527.D

Acq: 22 Sep 2020 12:46

Instrument :

MSVOA_N

ClientSampled :

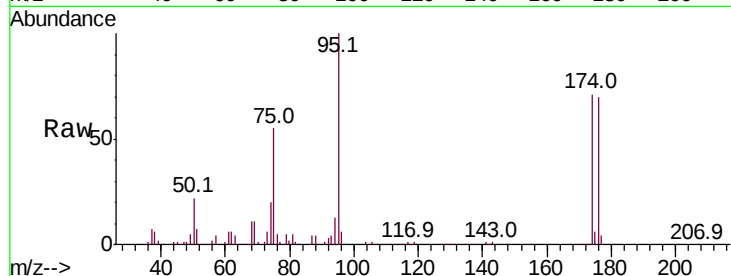
VN0922MBL01

Tot Ion: 75 Resp: 110934

Ion Ratio Lower Upper

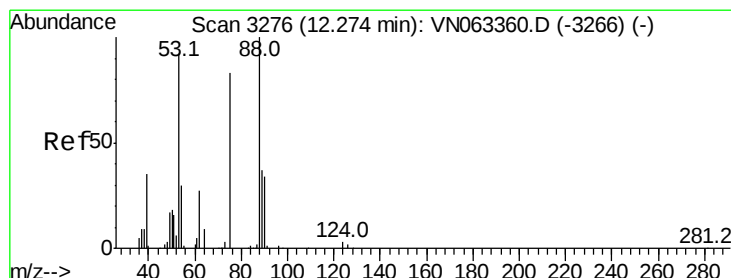
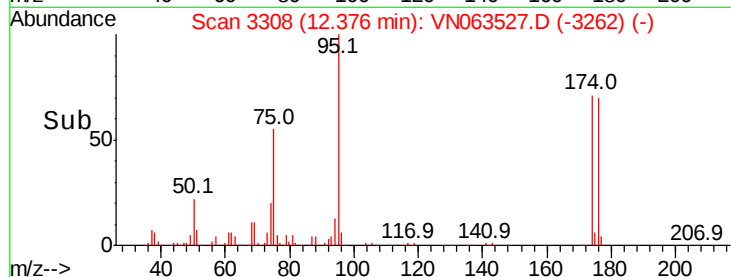
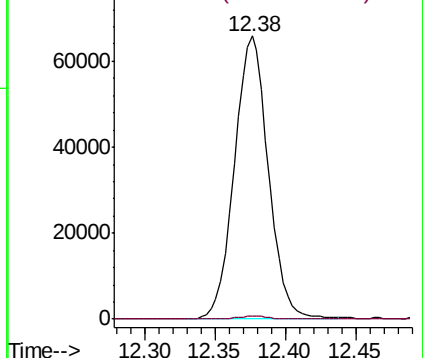
75 100

77 1.0 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: 73.961 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN063527.D

Acq: 22 Sep 2020 12:46

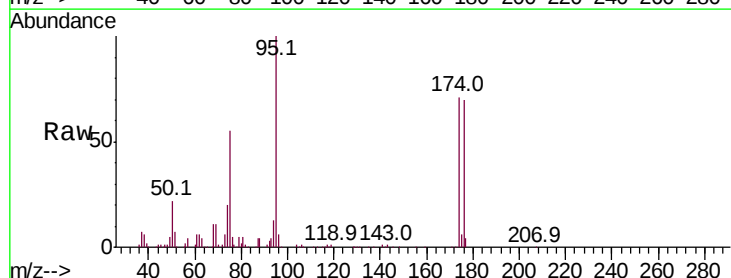
Tgt Ion: 75 Resp: 110934

Ion Ratio Lower Upper

75 100

53 0.0 85.7 128.5#

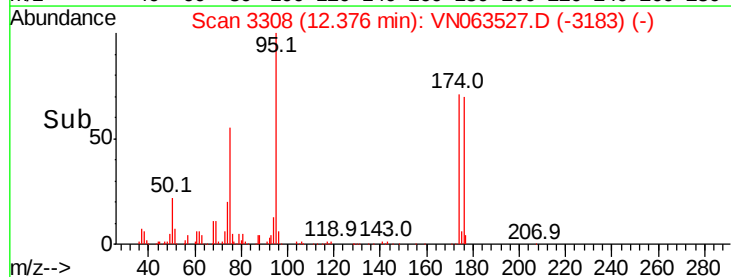
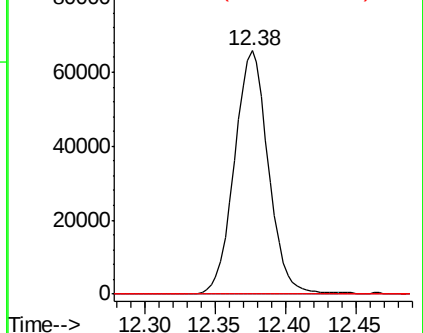
89 0.0 38.0 57.0#

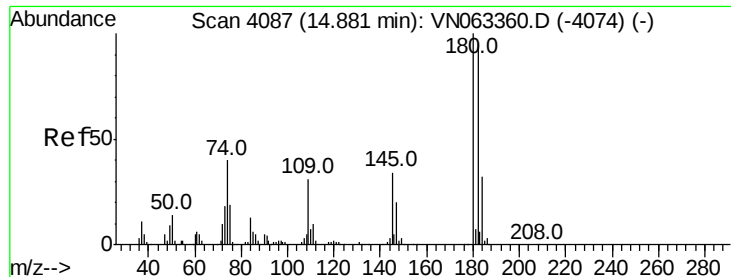


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0

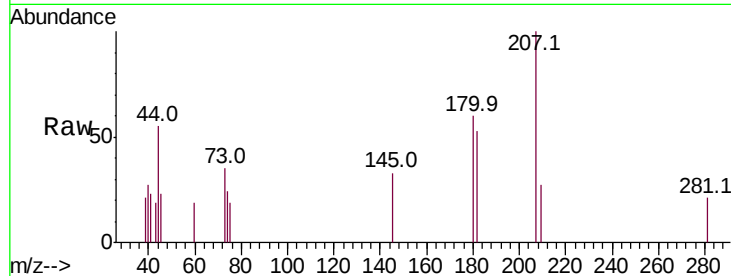




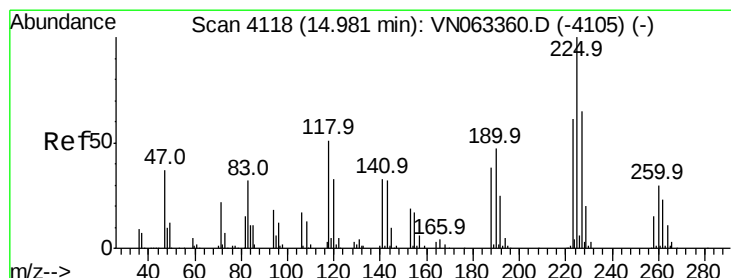
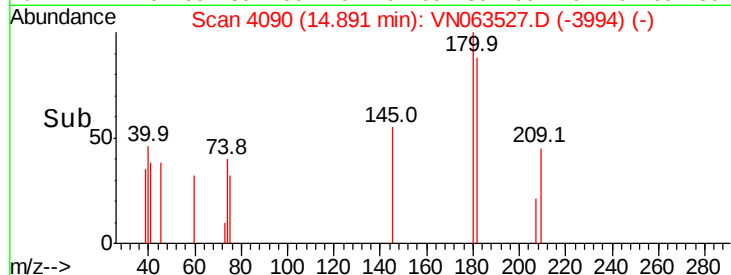
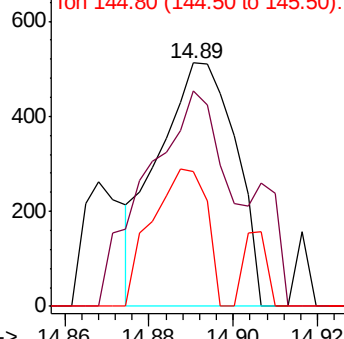
#93
 1,2,4-Trichlorobenzene
 Concen: 0.203 ug/l
 RT: 14.89 min Scan# 4090
 Delta R.T. 0.01 min
 Lab File: VN063527.D
 Acq: 22 Sep 2020 12:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0922MBL01

Tot Ion:180 Resp: 652
 Ion Ratio Lower Upper
 180 100
 182 108.9 47.3 142.0
 145 40.3 16.6 49.7

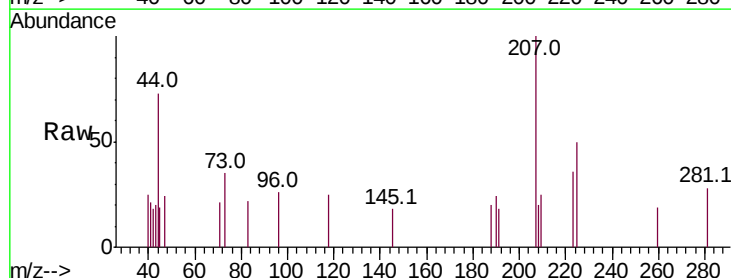


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

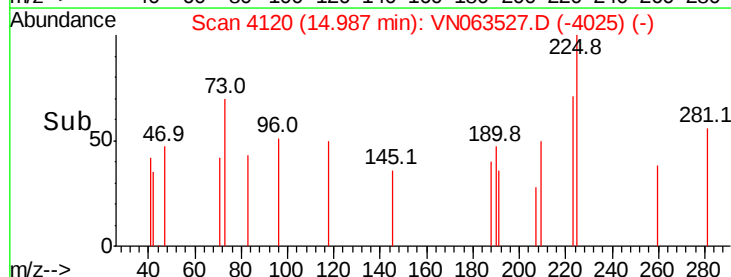
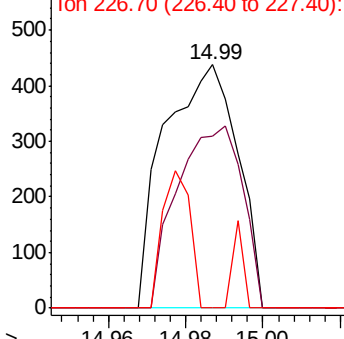


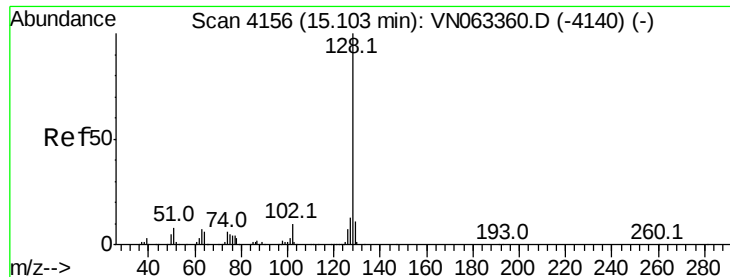
#94
 Hexachlorobutadiene
 Concen: 0.434 ug/l
 RT: 14.99 min Scan# 4120
 Delta R.T. 0.01 min
 Lab File: VN063527.D
 Acq: 22 Sep 2020 12:46

Tgt Ion:225 Resp: 577
 Ion Ratio Lower Upper
 225 100
 223 66.4 30.6 91.6
 227 5.2 31.2 93.6#



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: 0.347 ug/l

RT: 15.11 min Scan# 4158

Delta R.T. 0.01 min

Lab File: VN063527.D

Acq: 22 Sep 2020 12:46

Instrument :

MSVOA_N

ClientSampleId :

VN0922MBL01

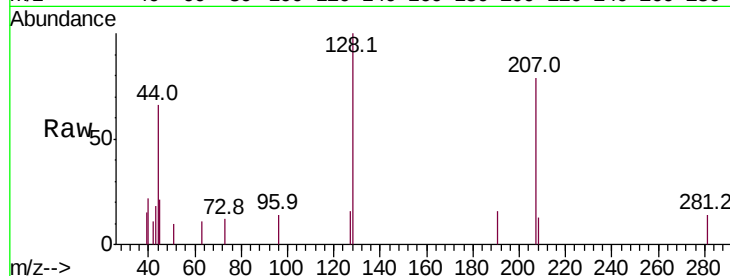
Tot Ion:128 Resp: 3688

Ion Ratio Lower Upper

128 100

127 5.2 10.6 15.8#

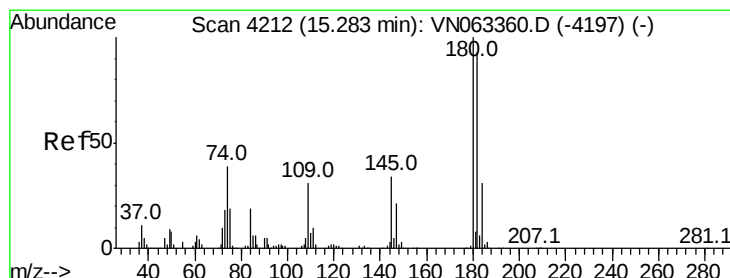
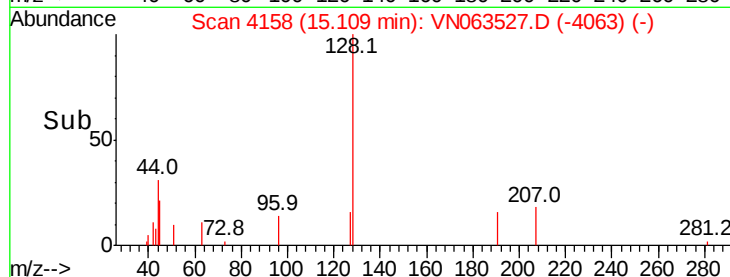
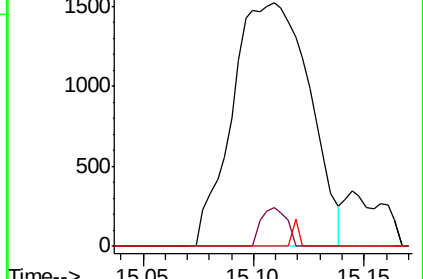
129 0.9 8.8 13.2#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 0.332 ug/l

RT: 15.30 min Scan# 4216

Delta R.T. 0.01 min

Lab File: VN063527.D

Acq: 22 Sep 2020 12:46

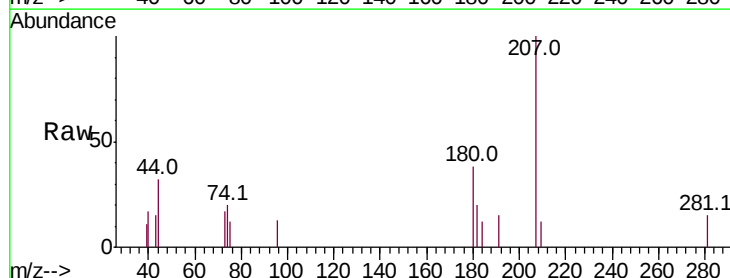
Tgt Ion:180 Resp: 1032

Ion Ratio Lower Upper

180 100

182 63.8 46.7 140.1

145 38.1 16.8 50.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

