

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091620\
 Data File : VN063382.D
 Acq On : 16 Sep 2020 23:05
 Operator : JC/MD
 Sample : VN0916WBL02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0916WBL02

Quant Time: Sep 17 04:45:26 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	7.63	168	244674	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	453067	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	448137	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	191472	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	200599	48.16	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.32%	
35) Dibromofluoromethane	7.55	113	146376	46.67	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	93.34%	
50) Toluene-d8	10.06	98	582656	49.40	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.80%	
62) 4-Bromofluorobenzene	12.38	95	230430	53.30	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	106.60%	

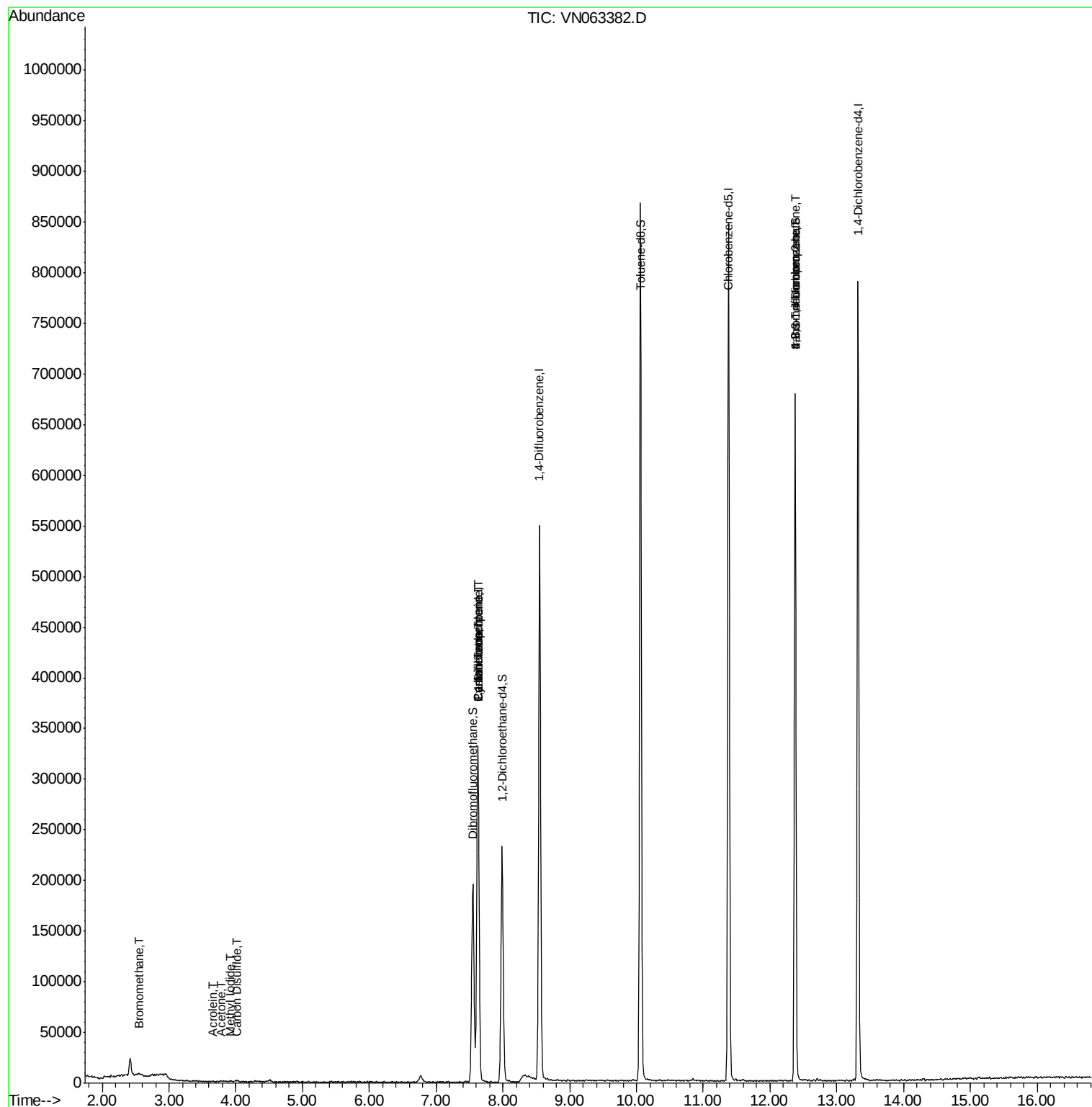
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.56	94	649	0.336	ug/l	97
10) Methyl Iodide	3.92	142	1414	0.398	ug/l #	92
13) Acrolein	3.65	56	63	0.295	ug/l #	74
16) Acetone	3.78	43	324	0.242	ug/l #	47
17) Carbon Disulfide	4.02	76	1649	0.205	ug/l #	75
31) Cyclohexane	7.62	56	6611	1.149	ug/l #	1
36) 1,1-Dichloropropene	7.62	75	23756	4.922	ug/l #	44
38) Carbon Tetrachloride	7.62	117	28085	5.700	ug/l #	16
76) 1,2,3-Trichloropropane	12.38	75	128703	27.157	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	128703	74.455	ug/l #	7

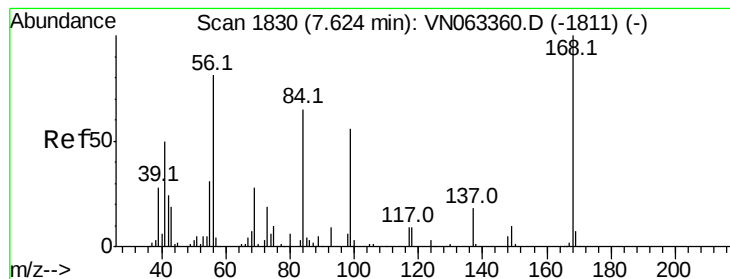
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN091620\
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ClientSampleId :
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Quant Time: Sep 17 04:45:26 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: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063382.D

Acq: 16 Sep 2020 23:05

Instrument :

MSVOA_N

ClientSampleId :

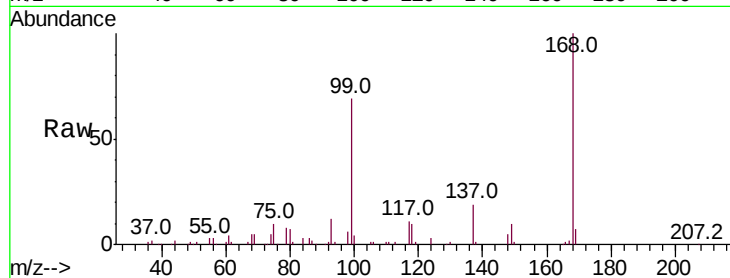
VN0916WBL02

Tot Ion:168 Resp: 244674

Ion Ratio Lower Upper

168 100

99 69.2 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

100000

80000

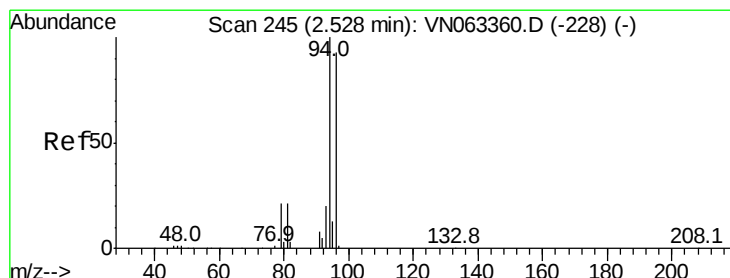
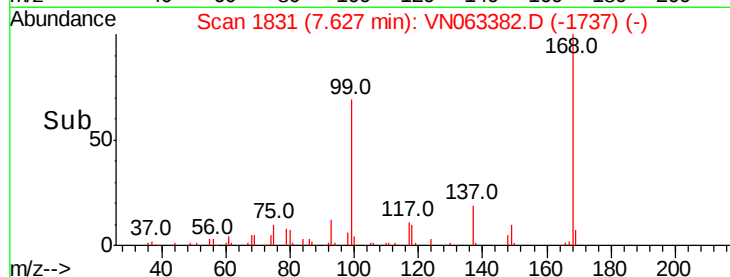
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#5

Bromomethane

Concen: 0.336 ug/l

RT: 2.56 min Scan# 254

Delta R.T. 0.03 min

Lab File: VN063382.D

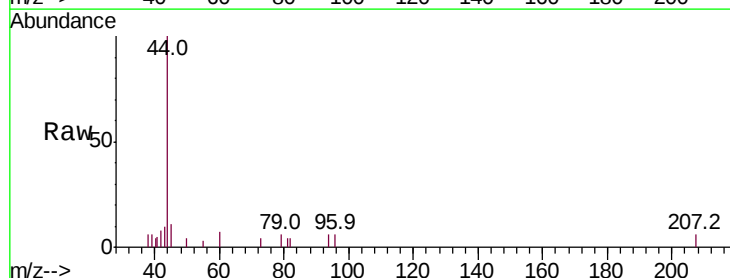
Acq: 16 Sep 2020 23:05

Tgt Ion: 94 Resp: 649

Ion Ratio Lower Upper

94 100

96 89.8 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO

2.56

400

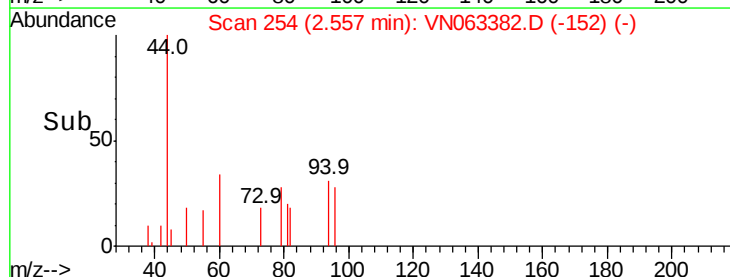
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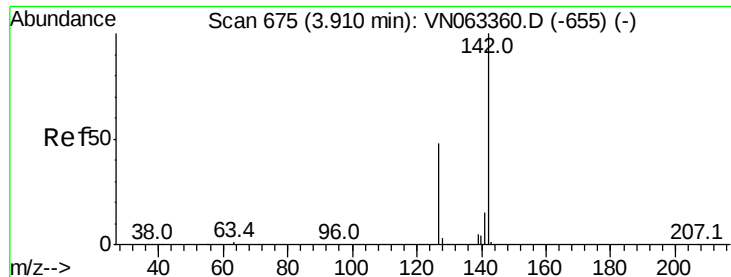
200

100

0

Time--> 2.50 2.55 2.60

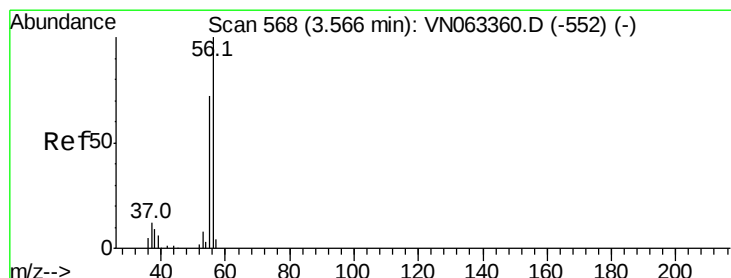
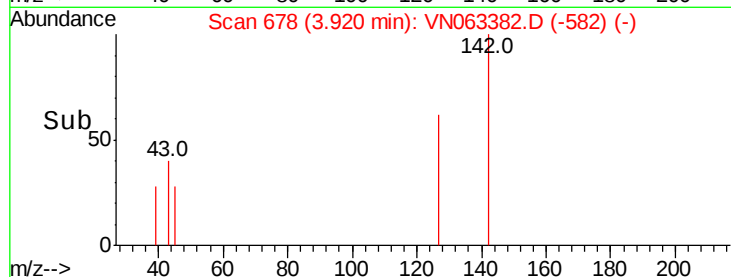
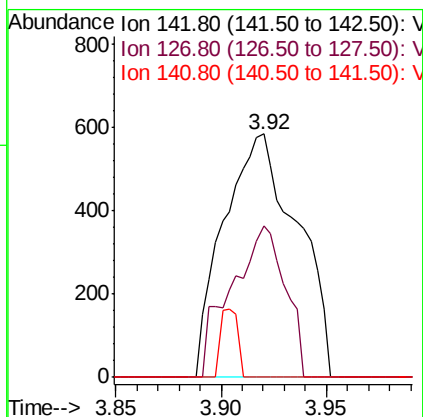
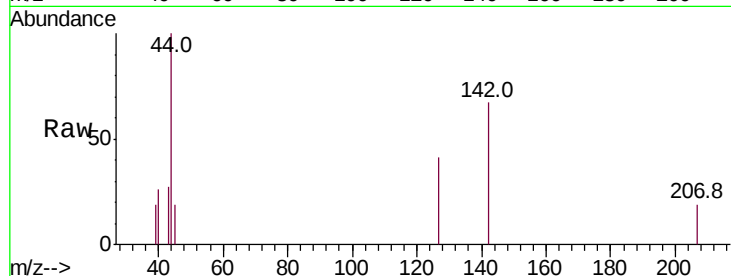




#10
Methvl Iodide
Concen: 0.398 ug/l
RT: 3.92 min Scan# 678
Delta R.T. 0.01 min
Lab File: VN063382.D
Acq: 16 Sep 2020 23:05

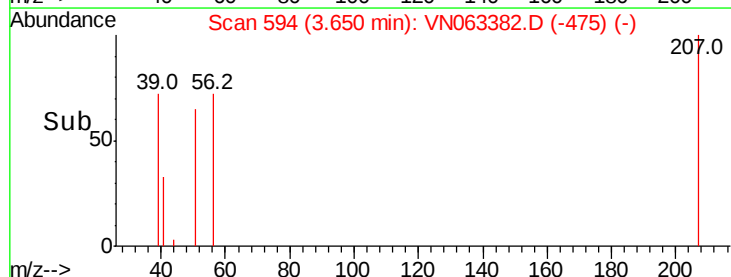
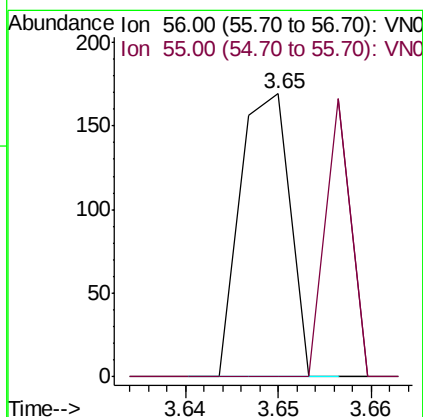
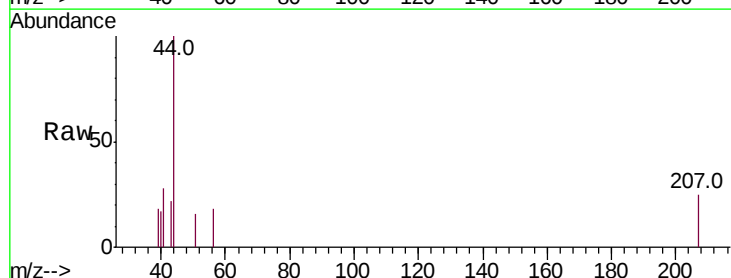
Instrument :
MSVOA_N
ClientSampleId :
VN0916WBL02

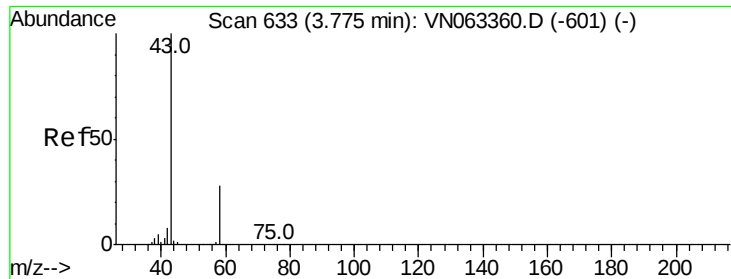
Tot Ion:142 Resp: 1414
Ion Ratio Lower Upper
142 100
127 46.0 39.0 58.6
141 6.5 11.6 17.4#



#13
Acrolein
Concen: 0.295 ug/l
RT: 3.65 min Scan# 594
Delta R.T. 0.08 min
Lab File: VN063382.D
Acq: 16 Sep 2020 23:05

Tgt Ion: 56 Resp: 63
Ion Ratio Lower Upper
56 100
55 50.8 58.2 87.2#





#16

Acetone

Concen: 0.242 ug/l

RT: 3.78 min Scan# 633

Delta R.T. -0.00 min

Lab File: VN063382.D

Acq: 16 Sep 2020 23:05

Instrument :

MSVOA_N

ClientSampled :

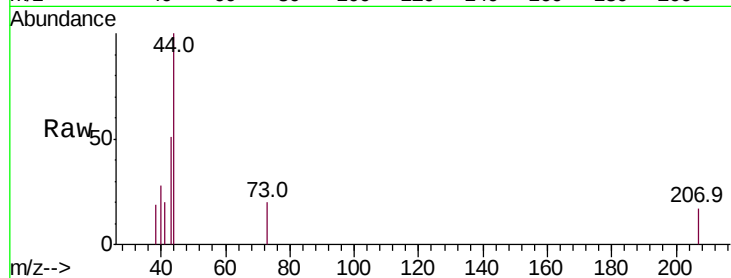
VN0916WBL02

Tot Ion: 43 Resp: 324

Ion Ratio Lower Upper

43 100

58 0.0 22.3 33.5#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.78

500

400

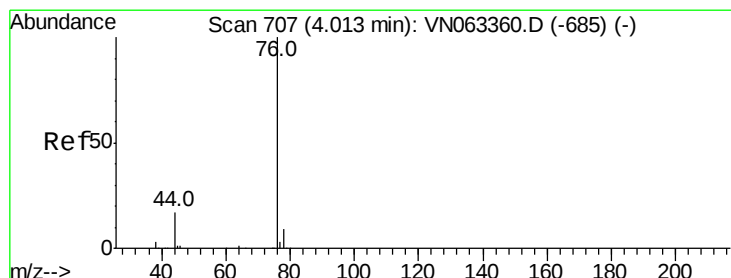
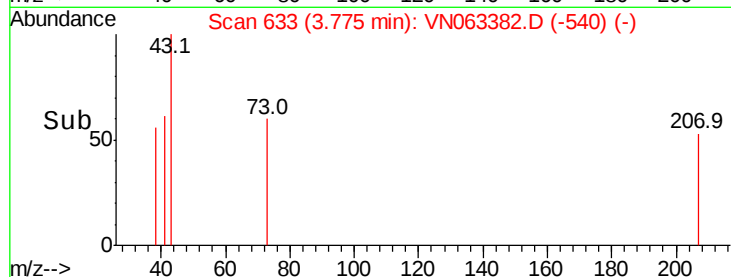
300

200

100

0

Time--> 3.76 3.78 3.80



#17

Carbon Disulfide

Concen: 0.205 ug/l

RT: 4.02 min Scan# 708

Delta R.T. 0.00 min

Lab File: VN063382.D

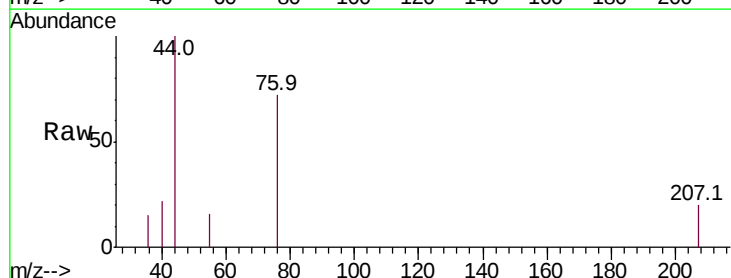
Acq: 16 Sep 2020 23:05

Tgt Ion: 76 Resp: 1649

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

4.02

800

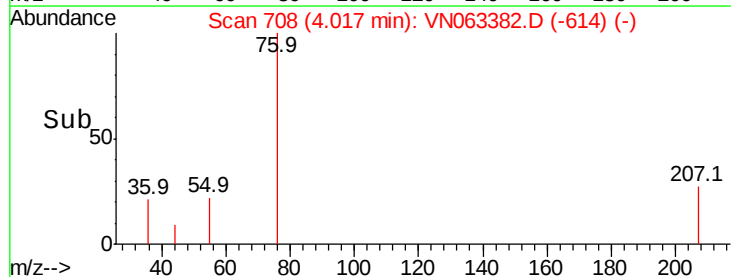
600

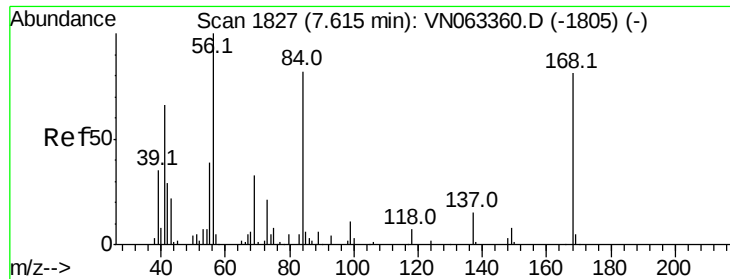
400

200

0

Time--> 3.95 4.00 4.05

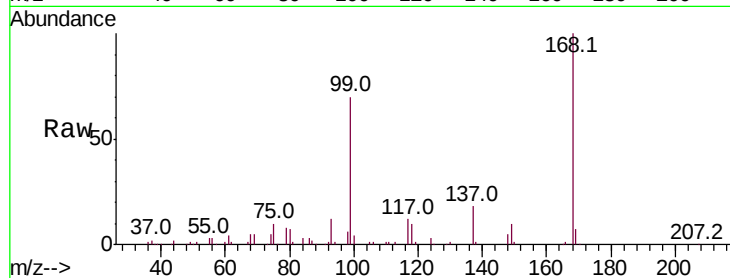




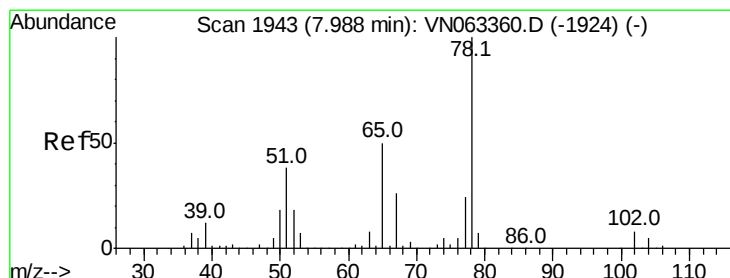
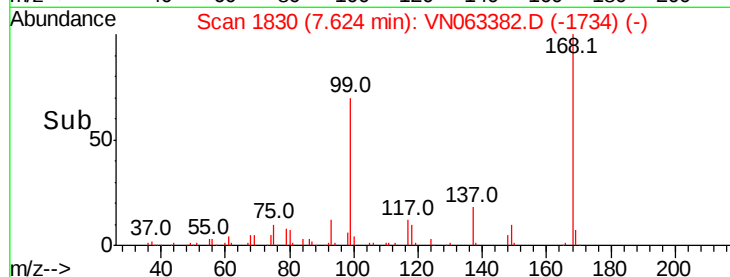
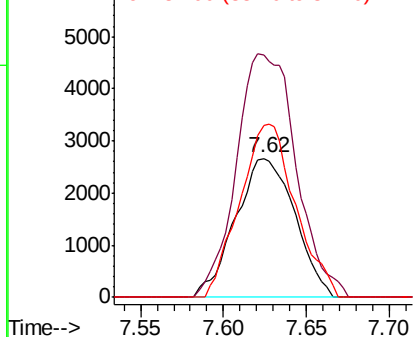
#31
Cvclohexane
Concen: 1.149 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. 0.01 min
Lab File: VN063382.D
Acq: 16 Sep 2020 23:05

Instrument :
MSVOA_N
ClientSampleId :
VN0916WBL02

Tot Ion: 56 Resp: 6611
Ion Ratio Lower Upper
56 100
69 174.1 26.1 39.1#
84 123.6 65.4 98.2#

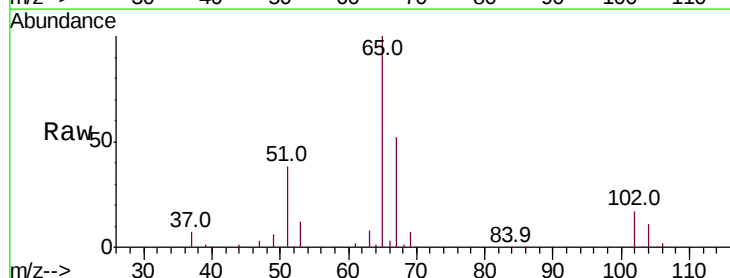


Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 84.00 (83.70 to 84.70): VNO

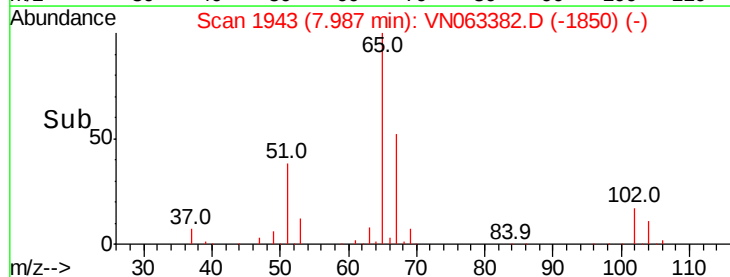
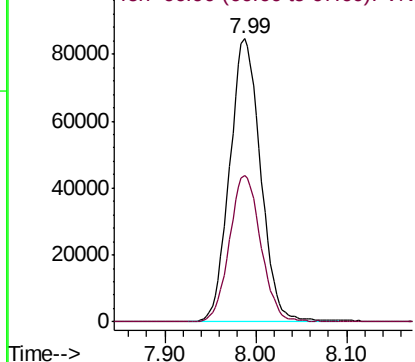


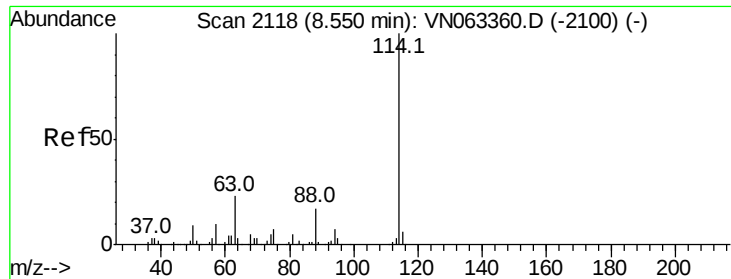
#33
1,2-Dichloroethane-d4
Concen: 48.163 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN063382.D
Acq: 16 Sep 2020 23:05

Tgt Ion: 65 Resp: 200599
Ion Ratio Lower Upper
65 100
67 52.3 0.0 104.2



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

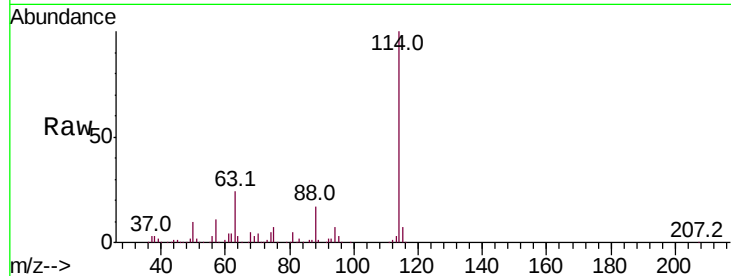




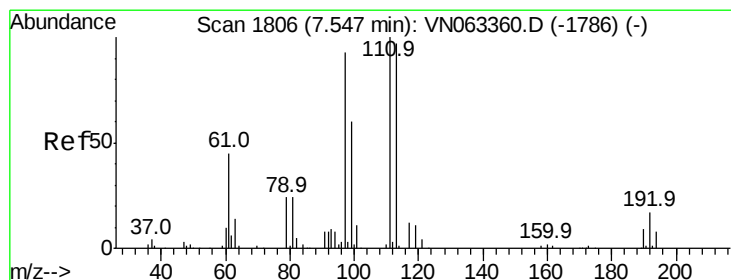
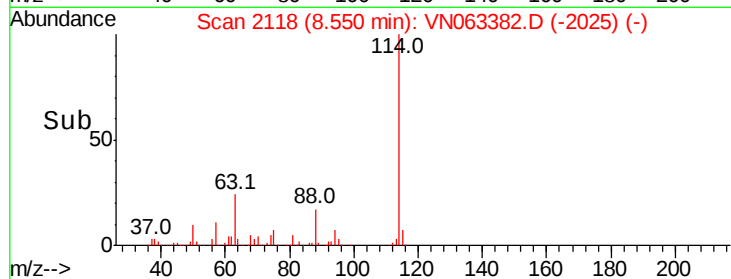
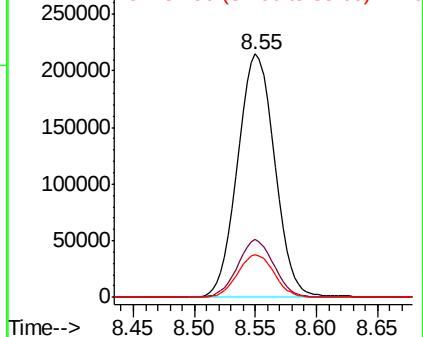
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063382.D
 Acq: 16 Sep 2020 23:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0916WBL02

Tot Ion:114	Resp:	453067
Ion	Ratio	Lower Upper
114	100	
63	23.6	0.0 46.4
88	17.4	0.0 33.2

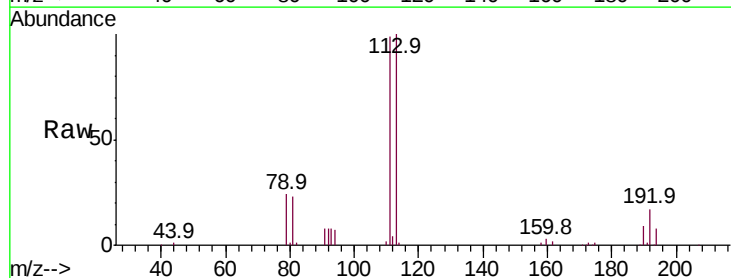


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

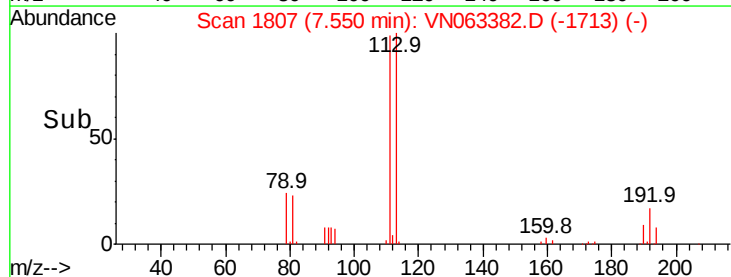
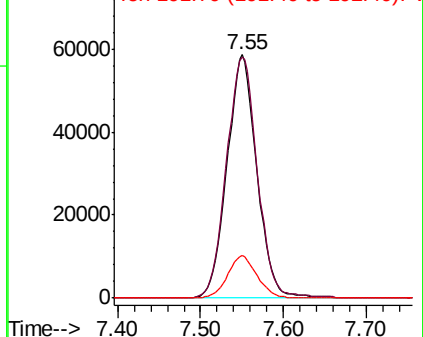


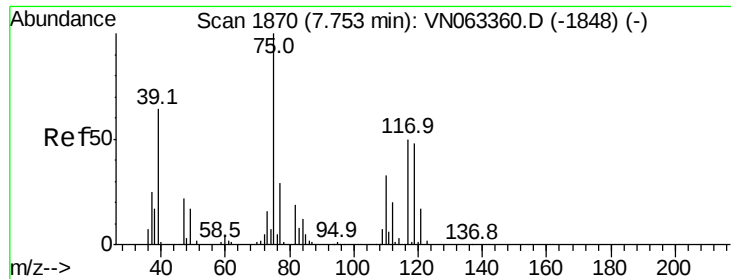
#35
 Dibromofluoromethane
 Concen: 46.669 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063382.D
 Acq: 16 Sep 2020 23:05

Tgt Ion:113	Resp:	146376
Ion	Ratio	Lower Upper
113	100	
111	103.0	82.9 124.3
192	17.1	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

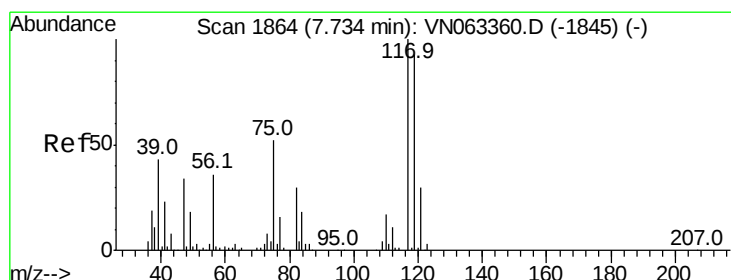
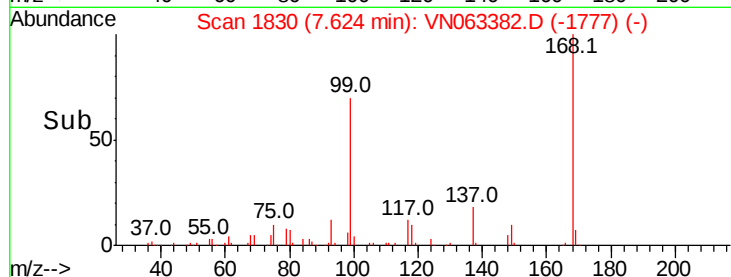
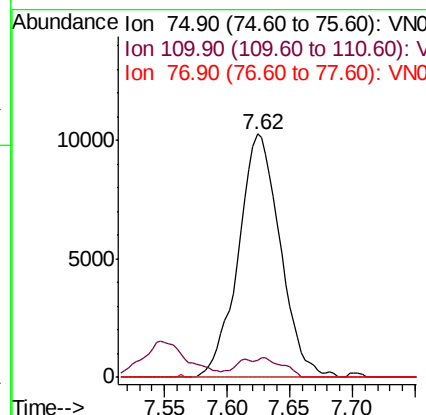
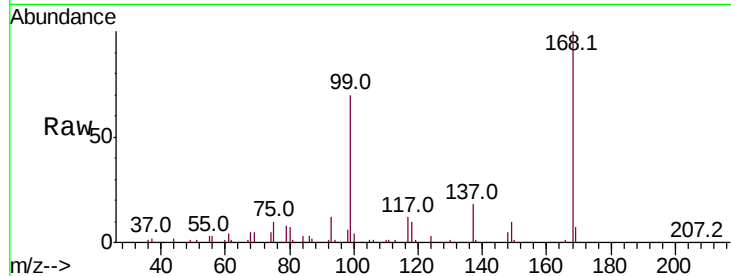




#36
 1,1-Dichloropropene
 Concen: 4.922 ug/l
 RT: 7.62 min Scan# 1830
 Delta R.T. -0.13 min
 Lab File: VN063382.D
 Acq: 16 Sep 2020 23:05

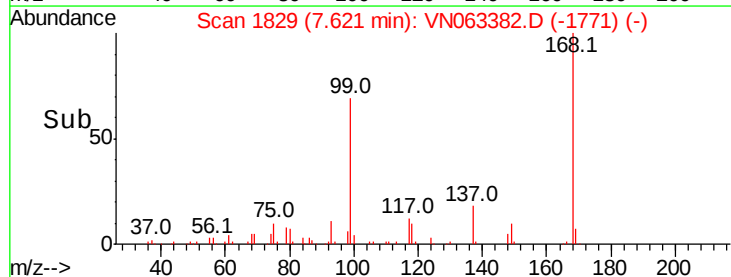
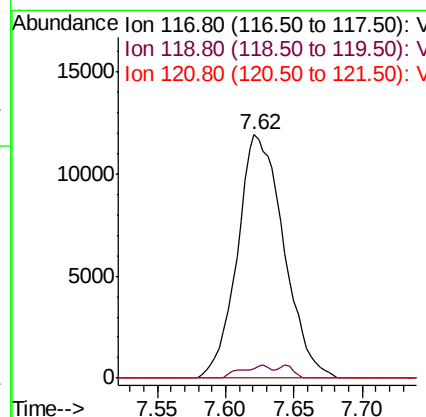
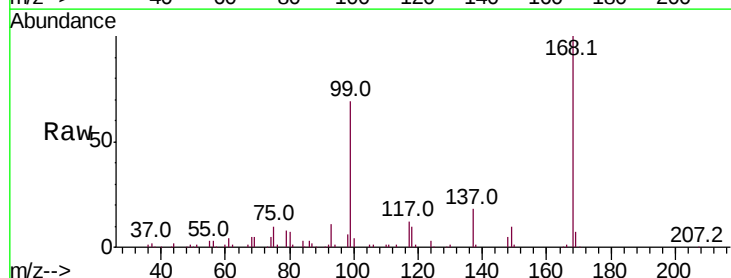
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 MSVOA_N
 ClientSampled :
 VN0916WBL02

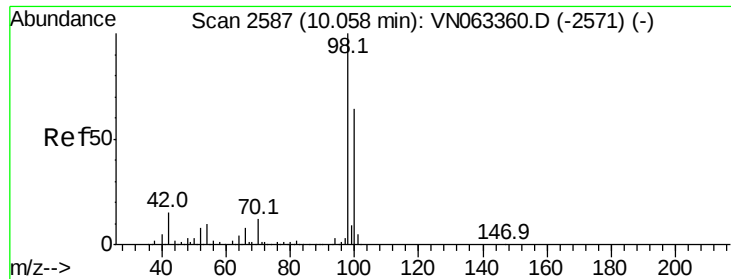
Tot Ion	Ratio	Lower	Upper
75	100		
110	1.9	16.5	49.5#
77	0.0	24.6	36.8#



#38
 Carbon Tetrachloride
 Concen: 5.700 ug/l
 RT: 7.62 min Scan# 1829
 Delta R.T. -0.11 min
 Lab File: VN063382.D
 Acq: 16 Sep 2020 23:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.0	74.5	111.7#
121	0.0	24.1	36.1#





#50

Toluene-d8

Concen: 49.404 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN063382.D

Acq: 16 Sep 2020 23:05

Instrument :

MSVOA_N

ClientSampleId :

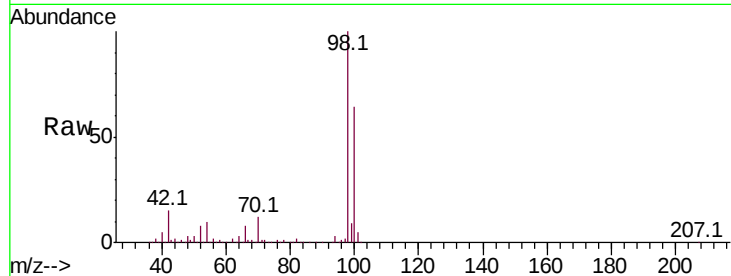
VN0916WBL02

Tot Ion: 98 Resp: 582656

Ion Ratio Lower Upper

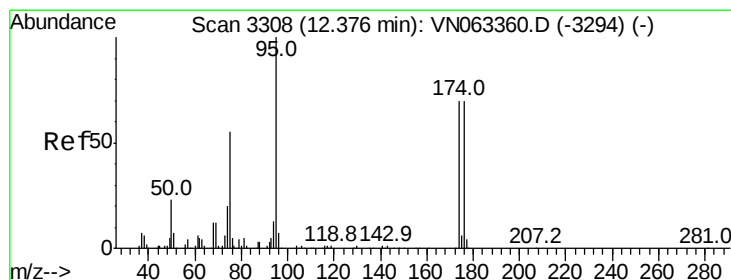
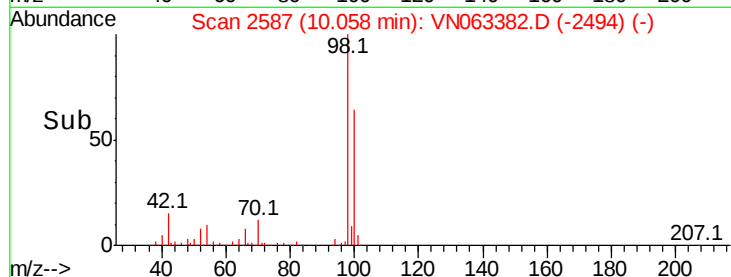
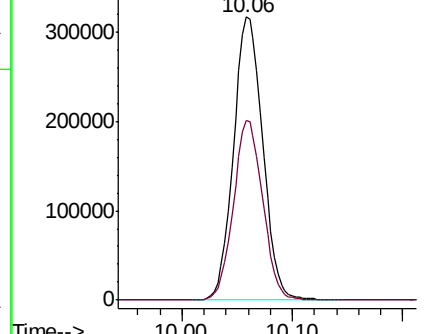
98 100

100 63.4 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 53.299 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063382.D

Acq: 16 Sep 2020 23:05

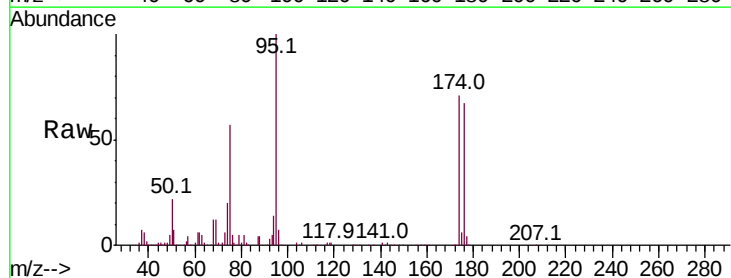
Tgt Ion: 95 Resp: 230430

Ion Ratio Lower Upper

95 100

174 70.5 0.0 140.8

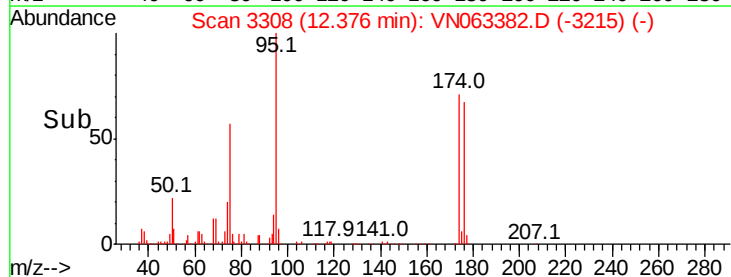
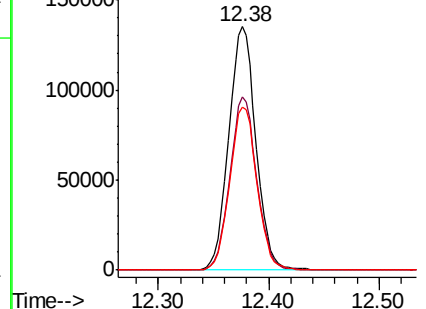
176 67.3 0.0 137.6

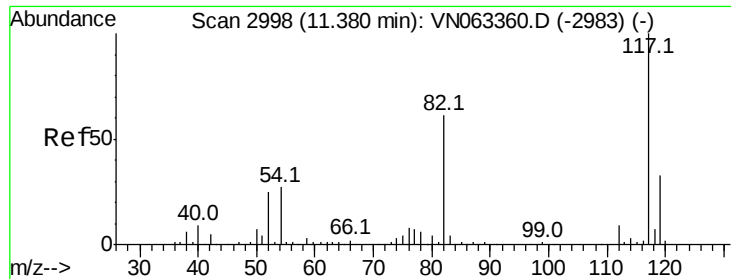


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

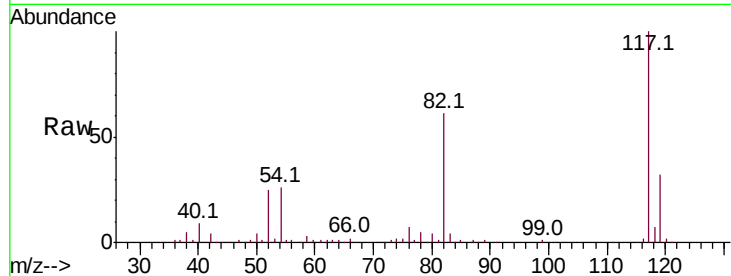




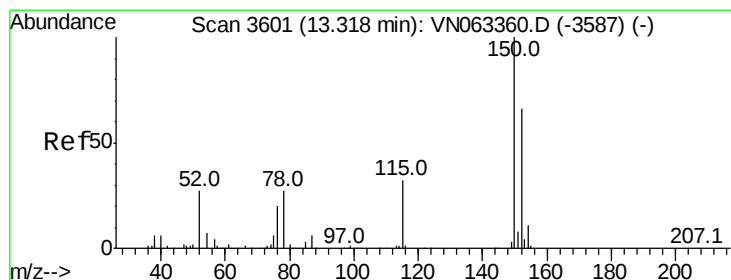
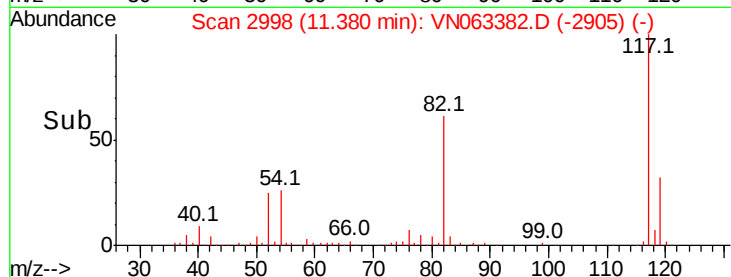
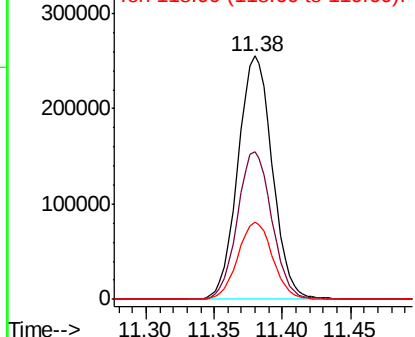
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063382.D
Acq: 16 Sep 2020 23:05

Instrument :
MSVOA_N
ClientSampleId :
VN0916WBL02

Tot Ion:117 Resp: 448137
Ion Ratio Lower Upper
117 100
82 60.9 49.2 73.8
119 31.6 26.2 39.4

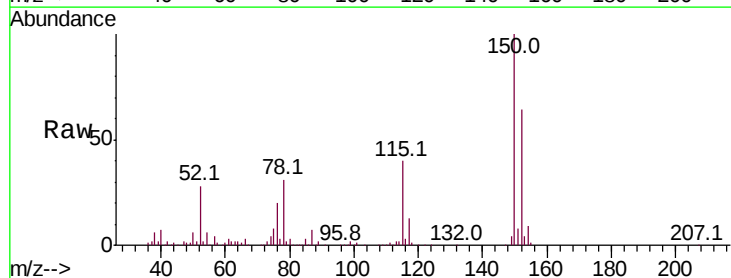


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

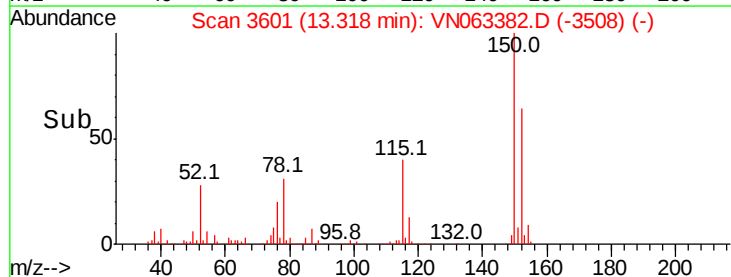
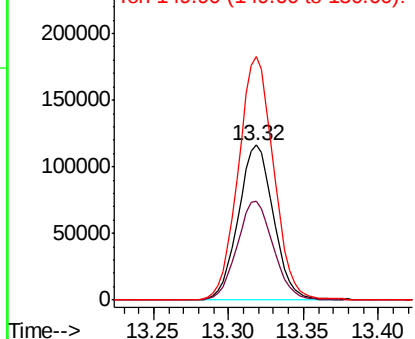


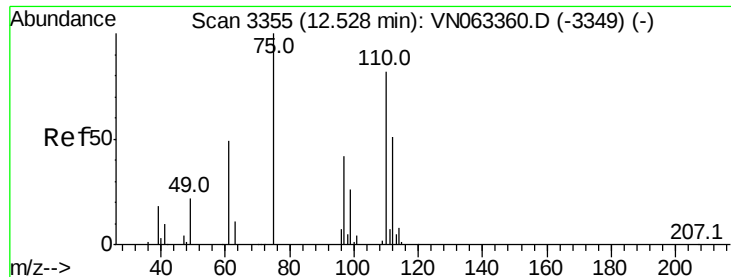
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. -0.00 min
Lab File: VN063382.D
Acq: 16 Sep 2020 23:05

Tgt Ion:152 Resp: 191472
Ion Ratio Lower Upper
152 100
115 65.4 32.2 96.6
150 157.7 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: 27.157 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.15 min

Lab File: VN063382.D

Acq: 16 Sep 2020 23:05

Instrument :

MSVOA_N

ClientSampleId :

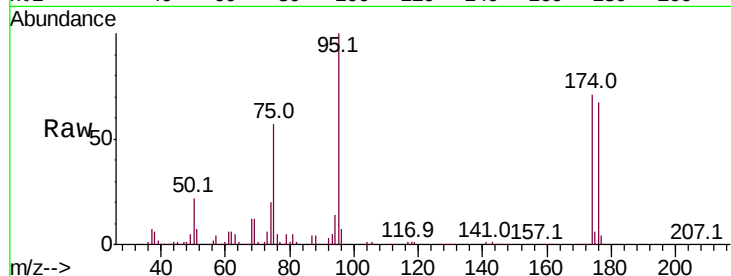
VN0916WBL02

Tot Ion: 75 Resp: 128703

Ion Ratio Lower Upper

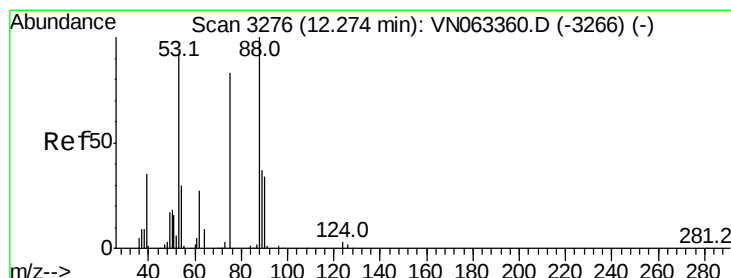
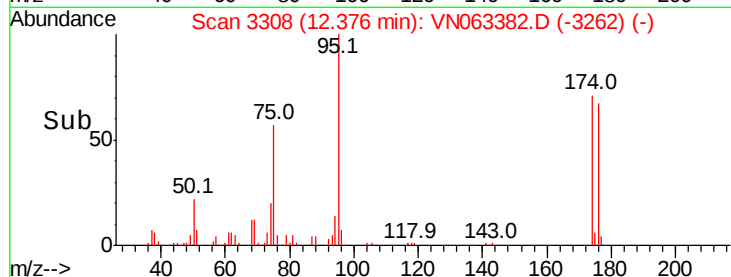
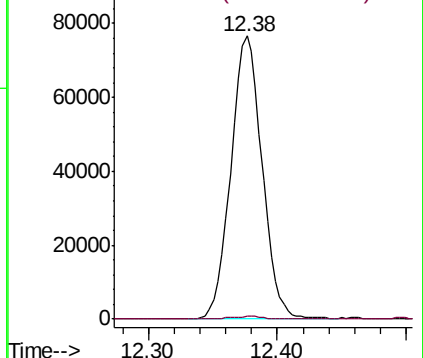
75 100

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: 74.455 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN063382.D

Acq: 16 Sep 2020 23:05

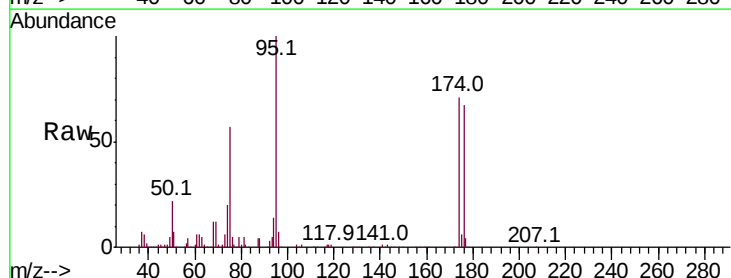
Tgt Ion: 75 Resp: 128703

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

