

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091720\
 Data File : VN063410.D
 Acq On : 17 Sep 2020 11:25
 Operator : JC/MD
 Sample : VN0917WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917WBL01

Quant Time: Sep 18 02:48:02 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	245398	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	460223	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	454310	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	196080	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	197261	47.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.44%	
35) Dibromofluoromethane	7.55	113	146448	45.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.94%	
50) Toluene-d8	10.06	98	591629	49.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.76%	
62) 4-Bromofluorobenzene	12.38	95	234218	53.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.66%	

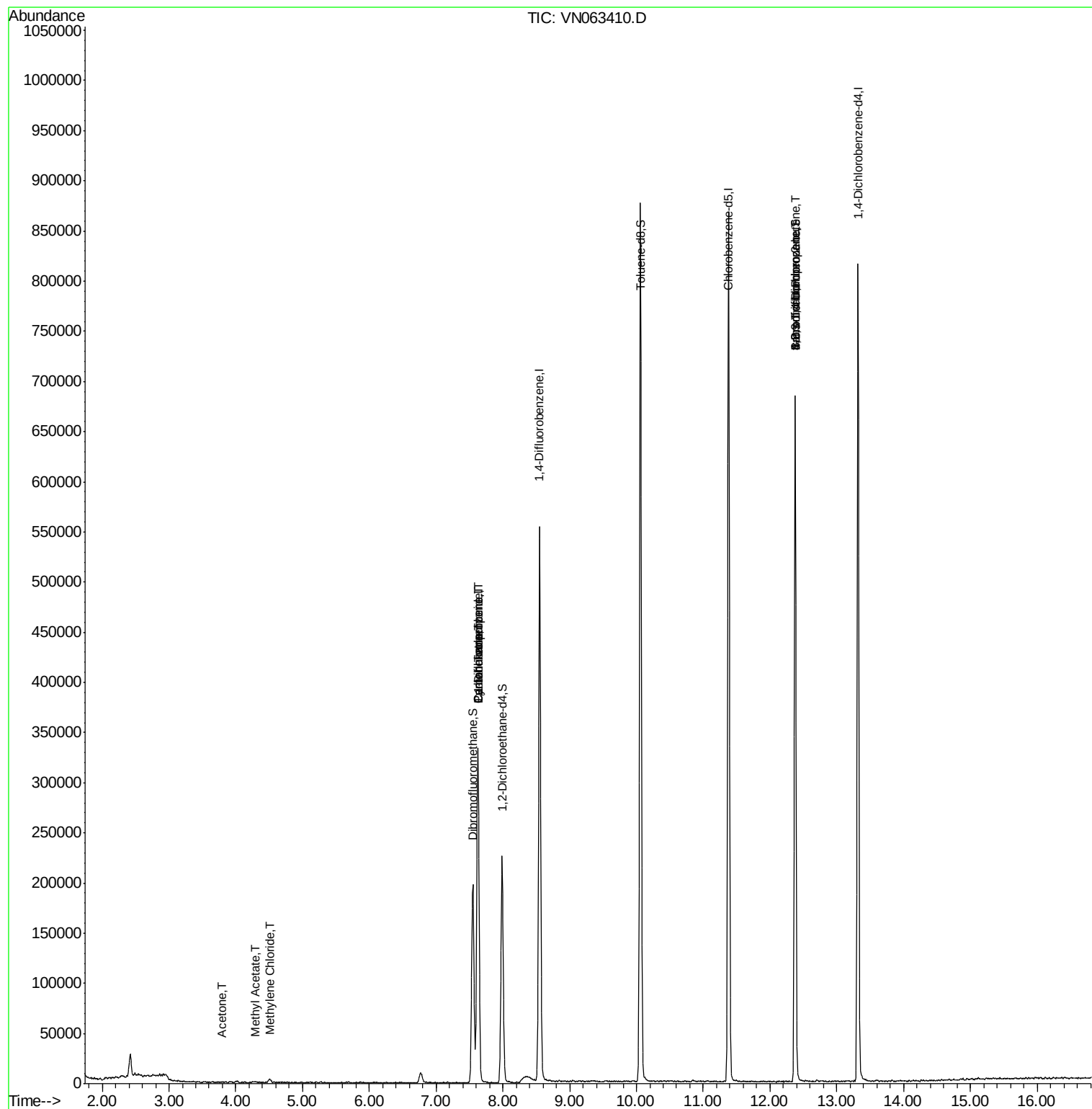
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.78	43	886	0.660	ug/l #	47
18) Methyl Acetate	4.28	43	684	0.201	ug/l #	54
20) Methylene Chloride	4.52	84	1909	0.561	ug/l #	68
31) Cyclohexane	7.62	56	7439	1.289	ug/l #	54
36) 1,1-Dichloropropene	7.63	75	24208	4.937	ug/l #	51
38) Carbon Tetrachloride	7.62	117	27311	5.457	ug/l #	17
71) Bromoform	12.38	173	1391	0.528	ug/l #	1
76) 1,2,3-Trichloropropane	12.38	75	130008	26.788	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	130008	73.442	ug/l #	7

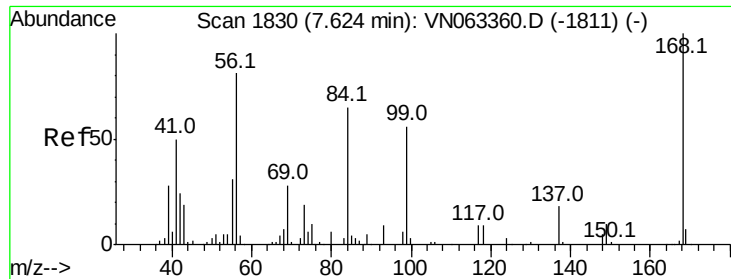
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN063410.D

Acq: 17 Sep 2020 11:25

Instrument :

MSVOA_N

ClientSampleId :

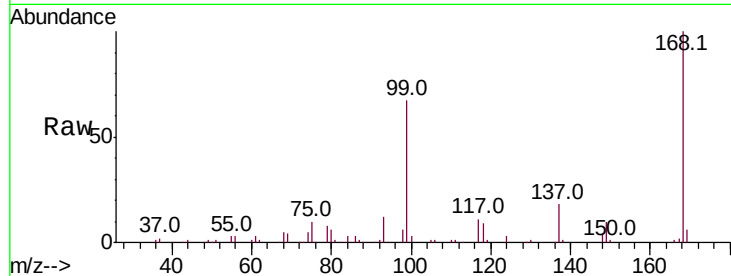
VN0917WBL01

Tot Ion:168 Resp: 245398

Ion Ratio Lower Upper

168 100

99 66.8 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

120000

100000

80000

60000

40000

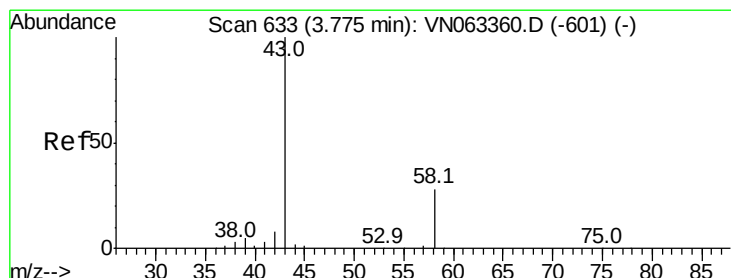
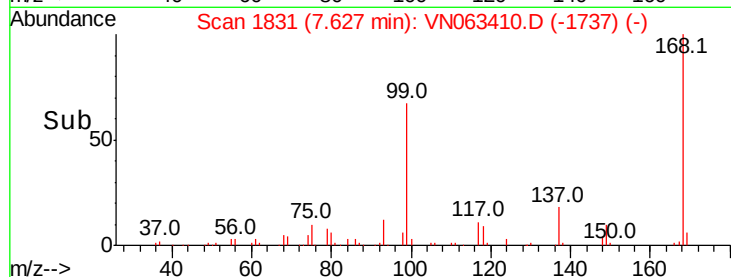
20000

0

7.63

7.50 7.55 7.60 7.65 7.70

Time-->



#16

Acetone

Concen: 0.660 ug/l

RT: 3.78 min Scan# 635

Delta R.T. 0.01 min

Lab File: VN063410.D

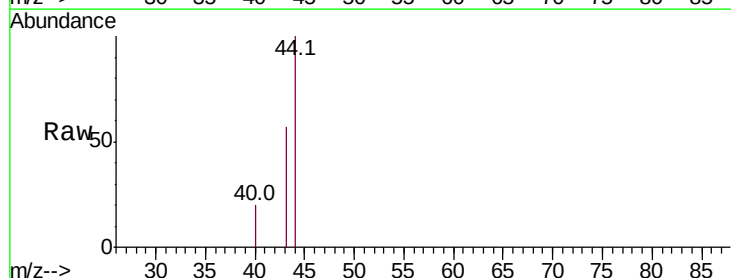
Acq: 17 Sep 2020 11:25

Tgt Ion: 43 Resp: 886

Ion Ratio Lower Upper

43 100

58 0.0 22.3 33.5#



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

500

400

300

200

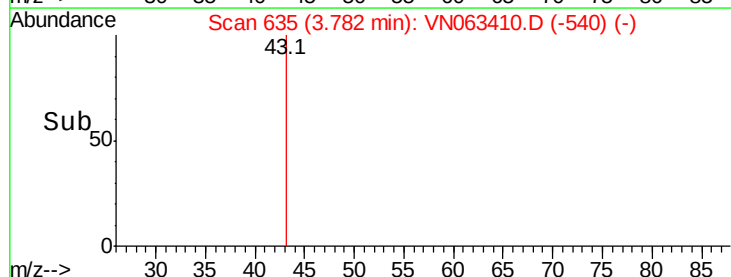
100

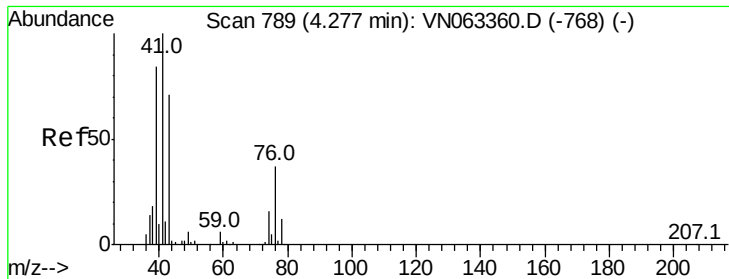
0

3.78

3.74 3.76 3.78 3.80 3.82

Time-->

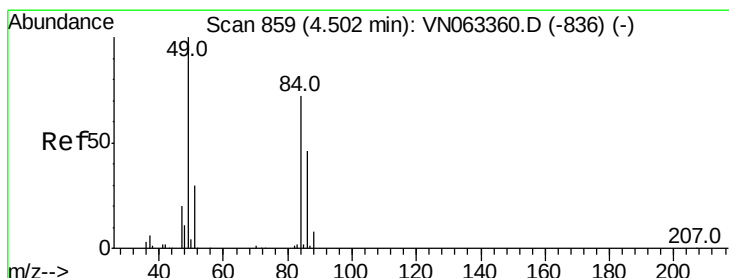
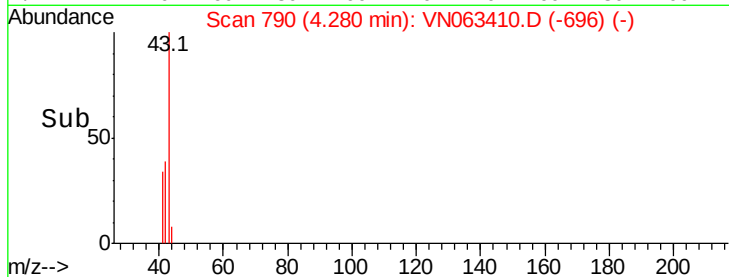
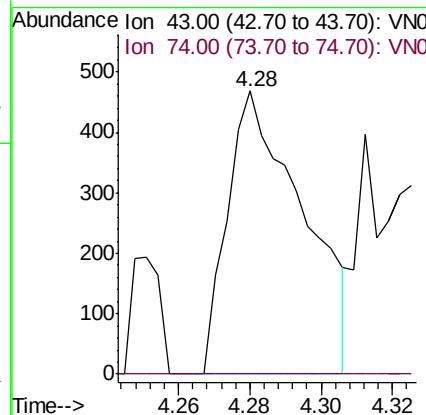
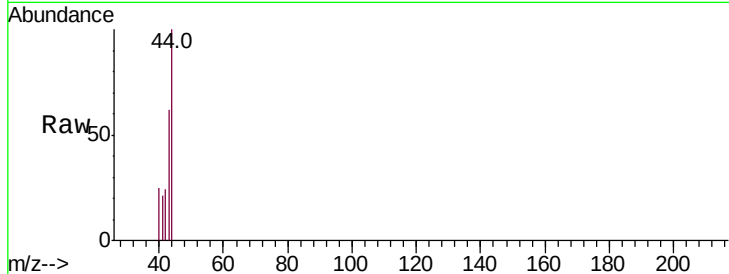




#18
Methyl Acetate
Concen: 0.201 ug/l
RT: 4.28 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN063410.D
Acq: 17 Sep 2020 11:25

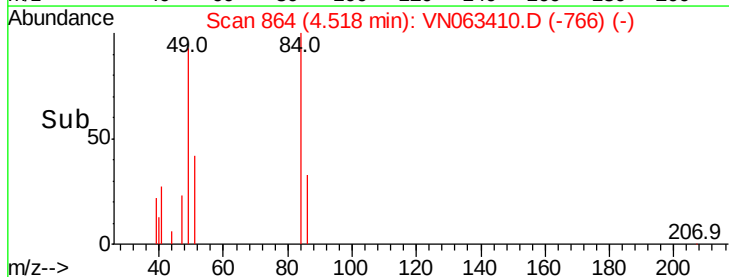
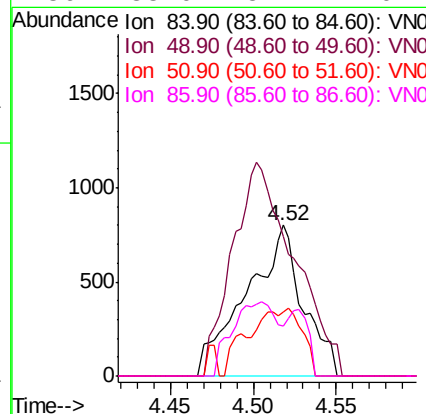
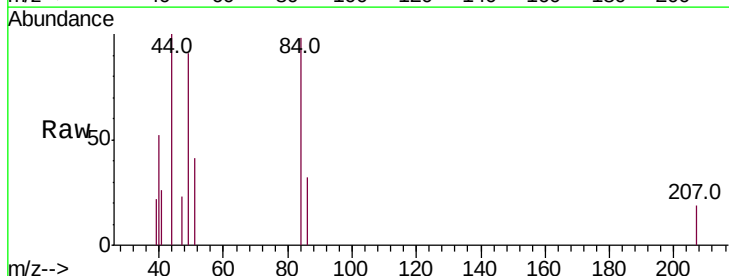
Instrument :
MSVOA_N
ClientSampled :
VN0917WBL01

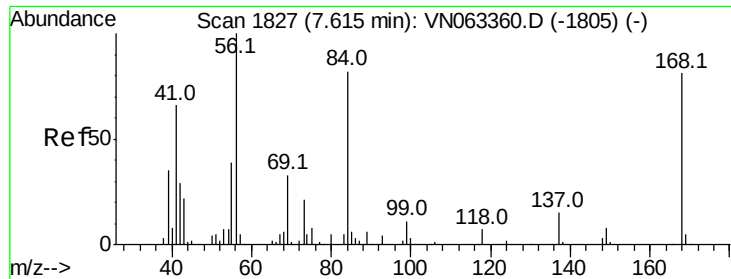
Tot Ion: 43 Resp: 684
Ion Ratio Lower Upper
43 100
74 0.0 17.4 26.2#



#20
Methylene Chloride
Concen: 0.561 ug/l
RT: 4.52 min Scan# 864
Delta R.T. 0.02 min
Lab File: VN063410.D
Acq: 17 Sep 2020 11:25

Tgt Ion: 84 Resp: 1909
Ion Ratio Lower Upper
84 100
49 92.9 110.7 166.1#
51 42.3 32.9 49.3
86 33.0 51.1 76.7#

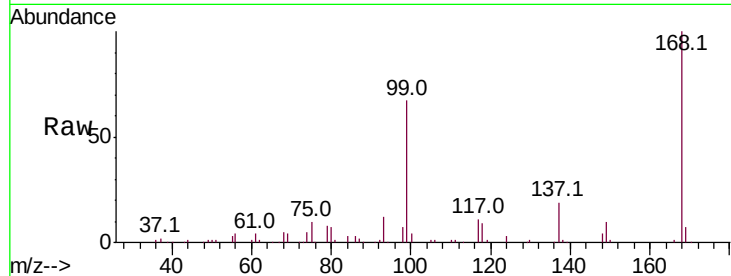




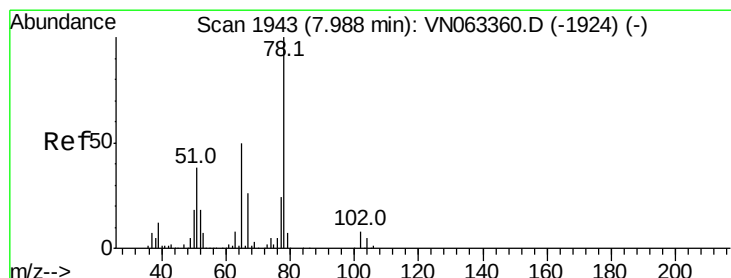
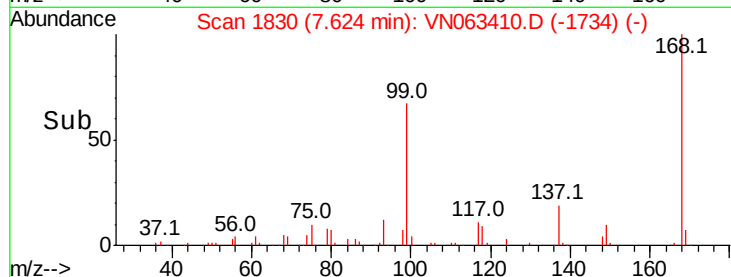
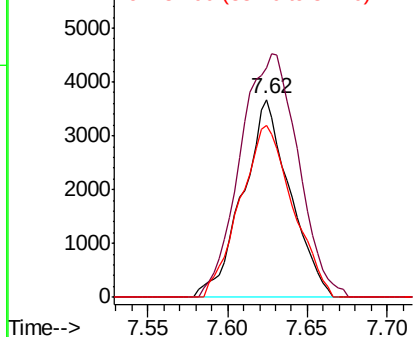
#31
Cyclohexane
Concen: 1.289 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. 0.01 min
Lab File: VN063410.D
Acq: 17 Sep 2020 11:25

Instrument :
MSVOA_N
ClientSampleId :
VN0917WBL01

Tot Ion: 56 Resp: 7439
Ion Ratio Lower Upper
56 100
69 116.3 26.1 39.1#
84 86.8 65.4 98.2

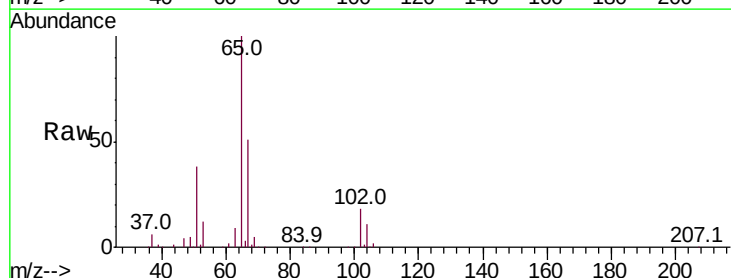


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

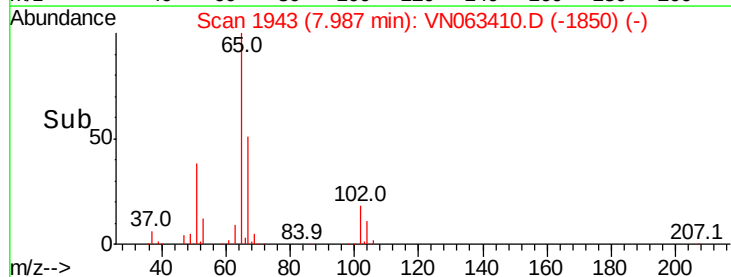
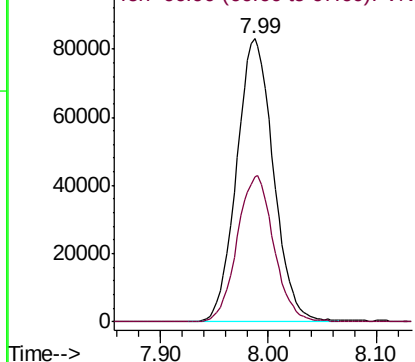


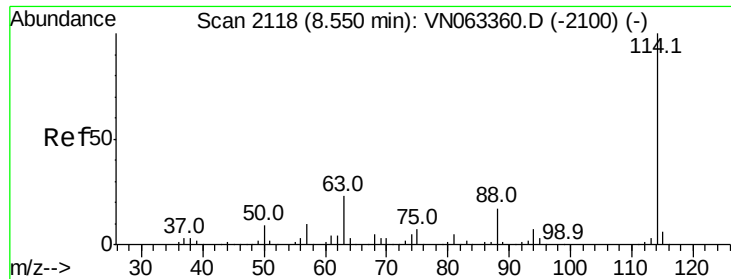
#33
1,2-Dichloroethane-d4
Concen: 47.222 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN063410.D
Acq: 17 Sep 2020 11:25

Tgt Ion: 65 Resp: 197261
Ion Ratio Lower Upper
65 100
67 51.5 0.0 104.2



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

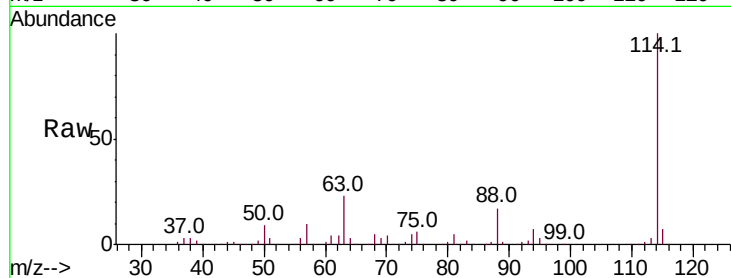




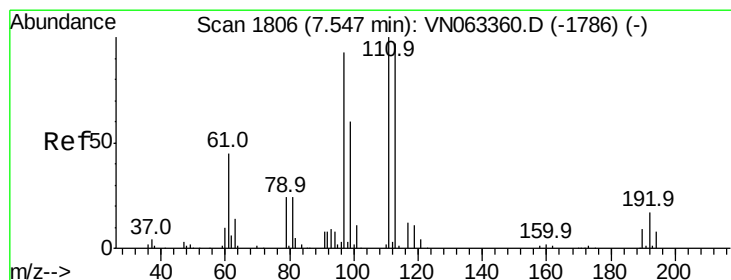
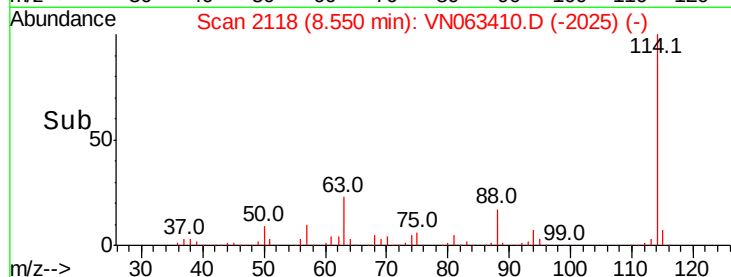
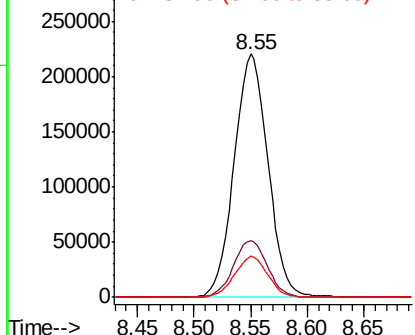
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063410.D
 Acq: 17 Sep 2020 11:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917WBL01

Tot Ion	Ratio	Lower	Upper
114	100		
63	23.4	0.0	46.4
88	16.8	0.0	33.2

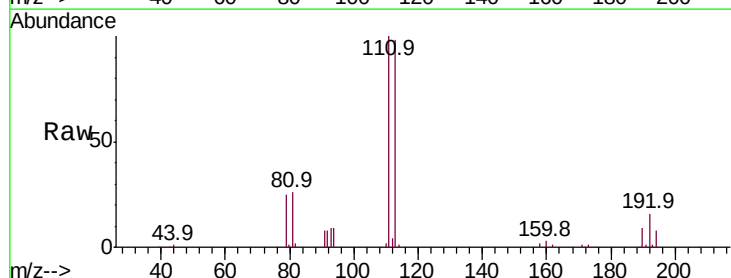


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

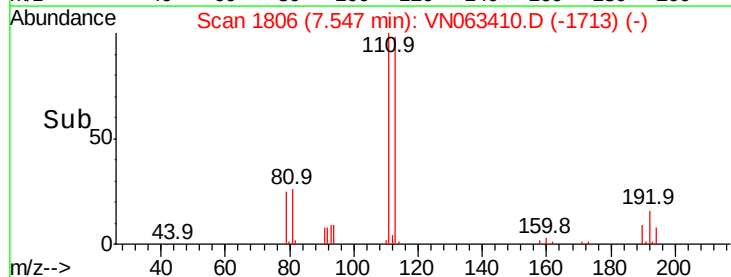
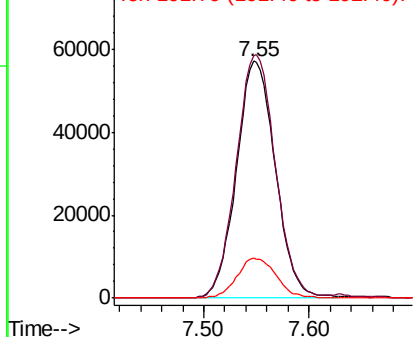


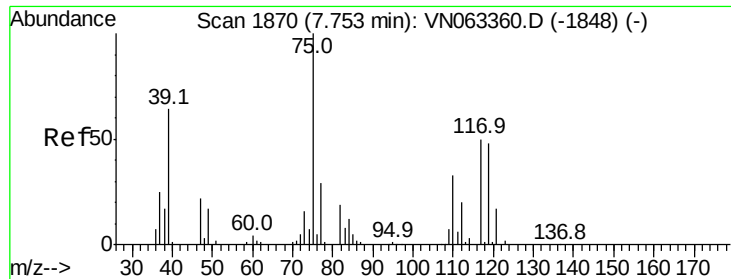
#35
 Dibromofluoromethane
 Concen: 45.966 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN063410.D
 Acq: 17 Sep 2020 11:25

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.9	124.3
192	17.0	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

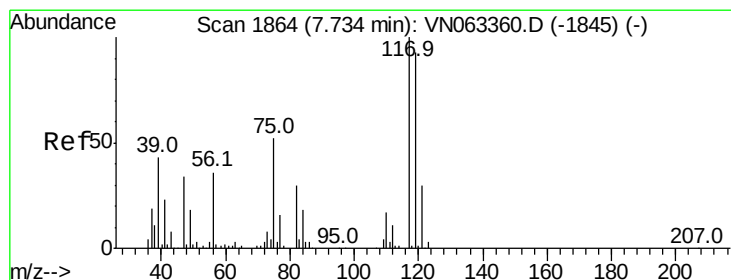
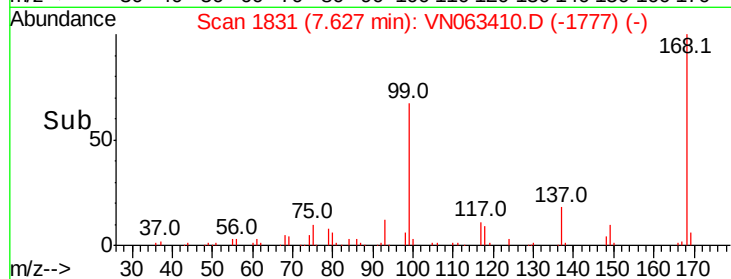
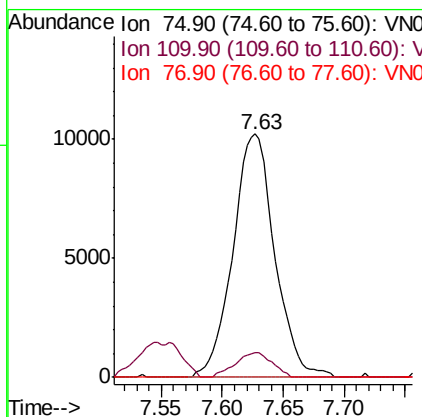
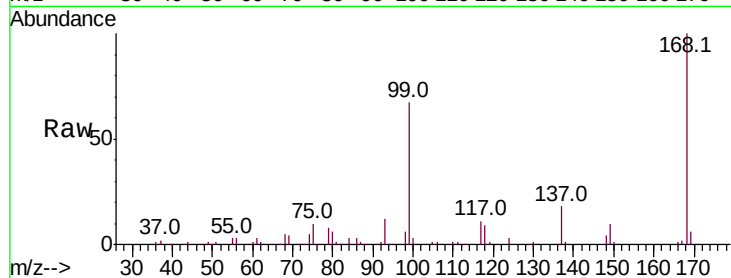




#36
 1,1-Dichloropropene
 Concen: 4.937 ug/l
 RT: 7.63 min Scan# 1831
 Delta R.T. -0.13 min
 Lab File: VN063410.D
 Acq: 17 Sep 2020 11:25

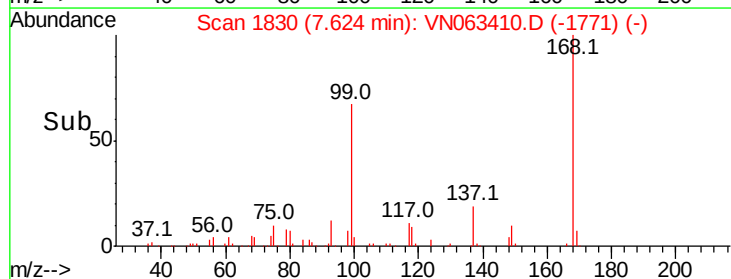
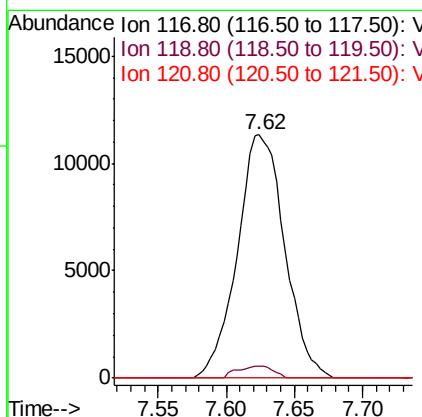
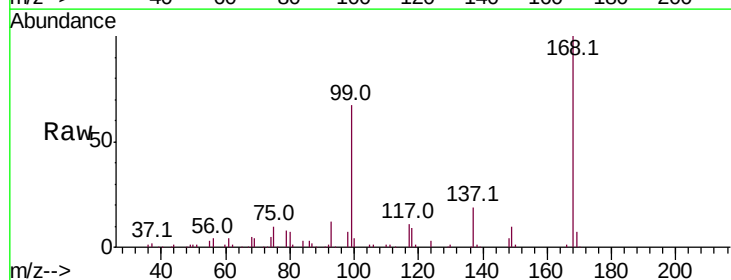
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 ClientSampled :
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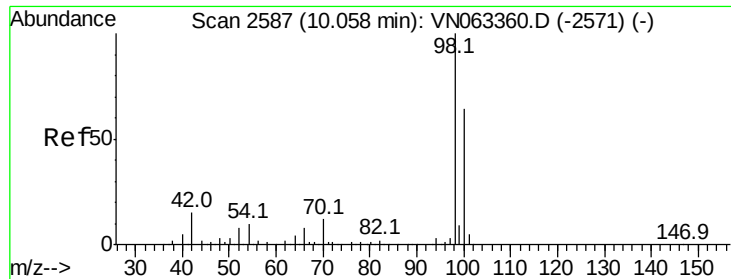
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.0	16.5	49.5#
77	0.0	24.6	36.8#



#38
 Carbon Tetrachloride
 Concen: 5.457 ug/l
 RT: 7.62 min Scan# 1830
 Delta R.T. -0.11 min
 Lab File: VN063410.D
 Acq: 17 Sep 2020 11:25

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.7	74.5	111.7#
121	0.0	24.1	36.1#

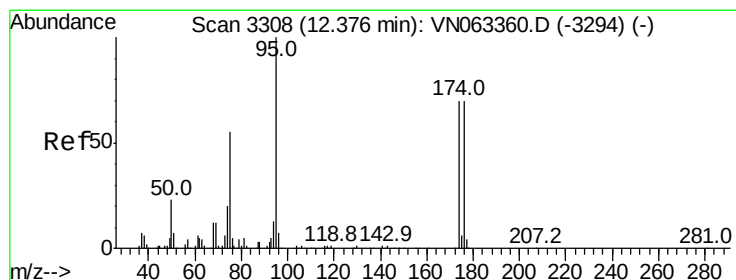
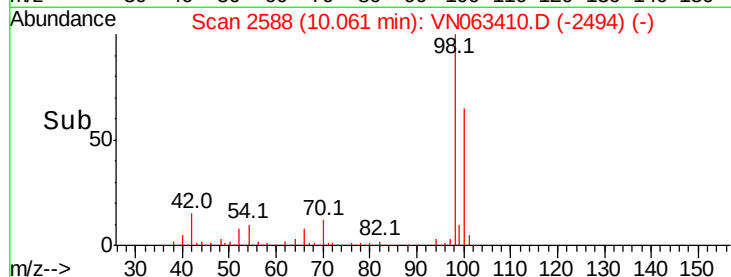
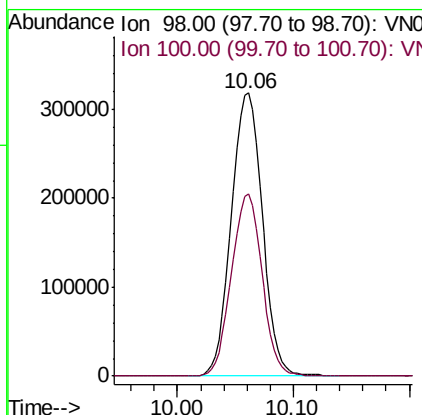
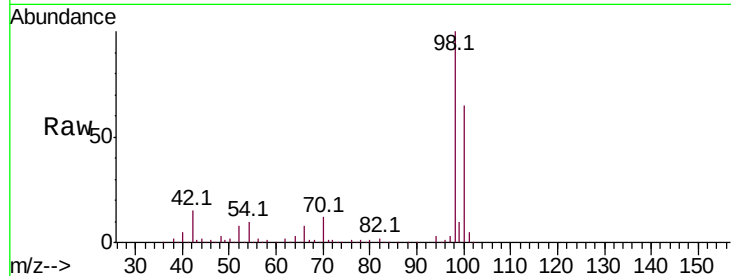




#50
Toluene-d8
Concen: 49.385 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN063410.D
Acq: 17 Sep 2020 11:25

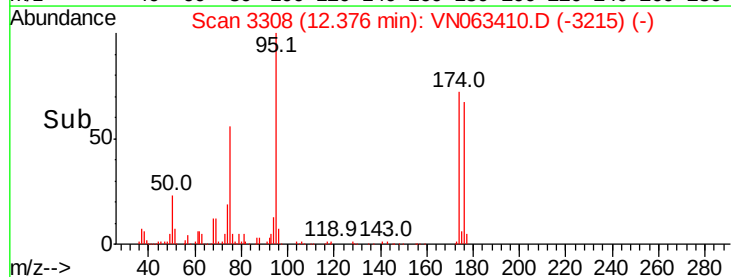
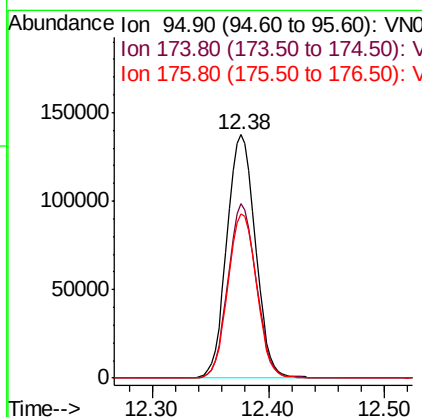
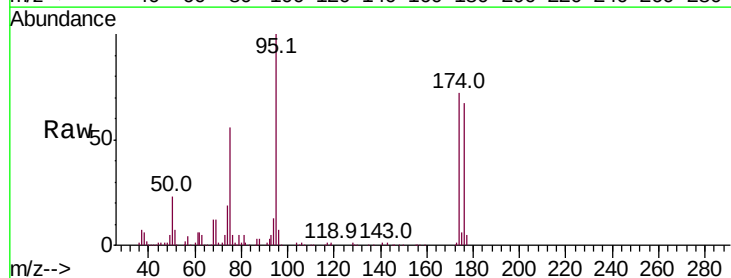
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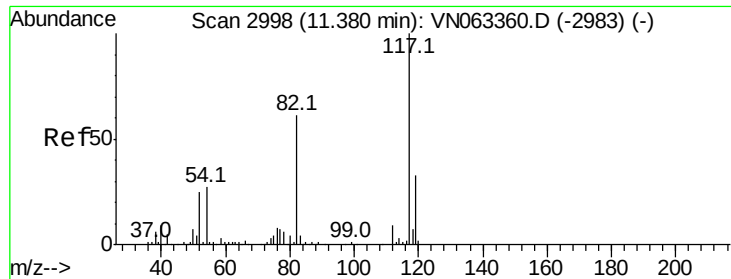
Tot Ion: 98 Resp: 591629
Ion Ratio Lower Upper
98 100
100 63.3 50.7 76.1



#62
4-Bromofluorobenzene
Concen: 53.332 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.00 min
Lab File: VN063410.D
Acq: 17 Sep 2020 11:25

Tgt Ion: 95 Resp: 234218
Ion Ratio Lower Upper
95 100
174 70.7 0.0 140.8
176 67.5 0.0 137.6

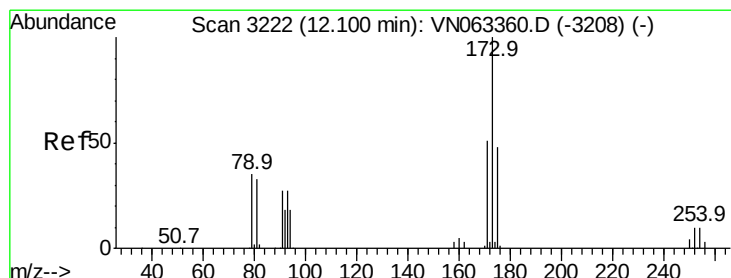
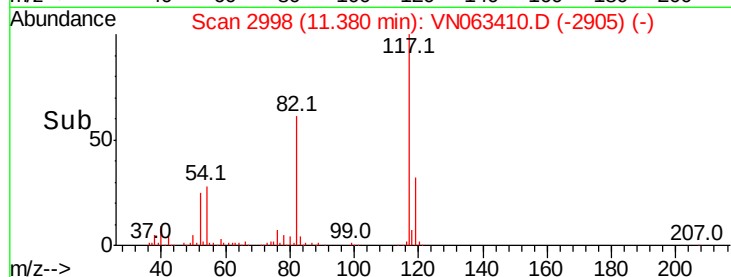
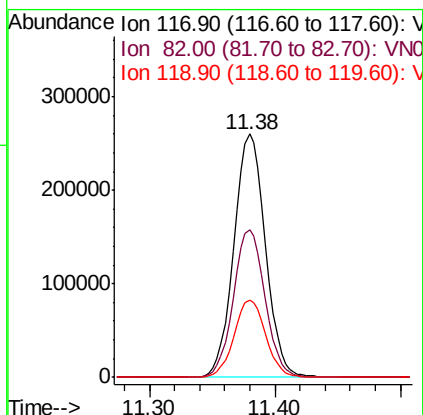
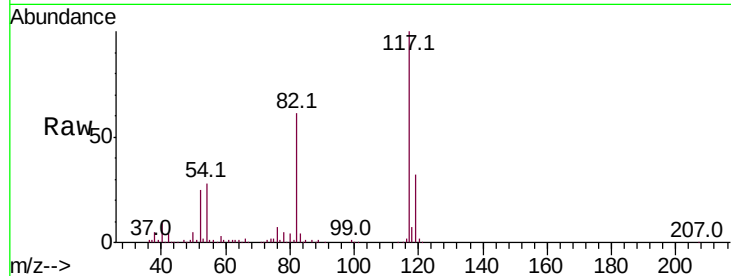




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063410.D
Acq: 17 Sep 2020 11:25

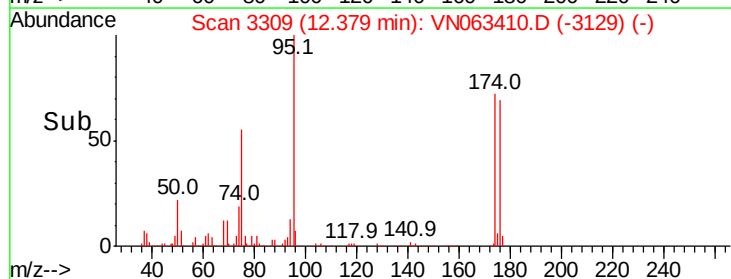
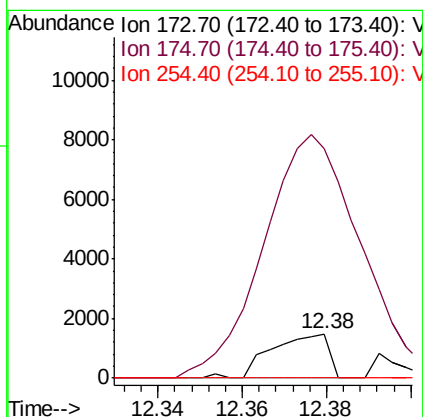
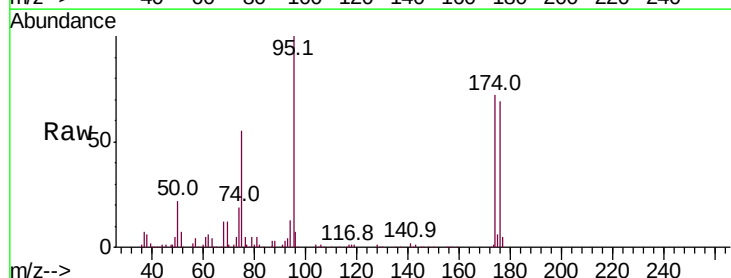
Instrument :
MSVOA_N
ClientSampleId :
VN0917WBL01

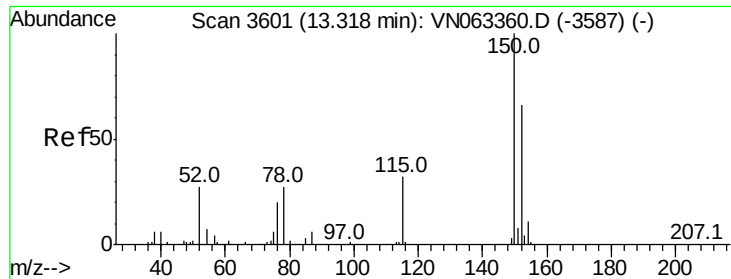
Tot Ion:117 Resp: 454310
Ion Ratio Lower Upper
117 100
82 60.8 49.2 73.8
119 31.9 26.2 39.4



#71
Bromoform
Concen: 0.528 ug/l
RT: 12.38 min Scan# 3309
Delta R.T. 0.28 min
Lab File: VN063410.D
Acq: 17 Sep 2020 11:25

Tgt Ion:173 Resp: 1391
Ion Ratio Lower Upper
173 100
175 781.5 24.0 72.0#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. -0.00 min

Lab File: VN063410.D

Acq: 17 Sep 2020 11:25

Instrument :

MSVOA_N

ClientSampled :

VN0917WBL01

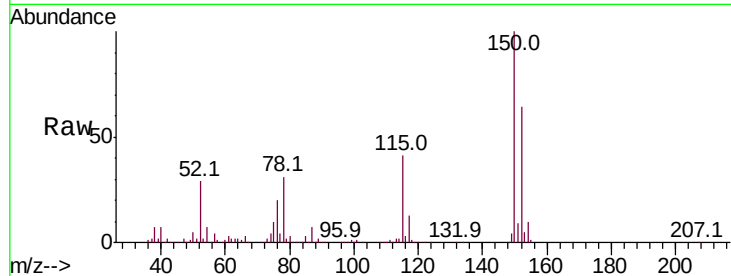
Tot Ion:152 Resp: 196080

Ion Ratio Lower Upper

152 100

115 64.2 32.2 96.6

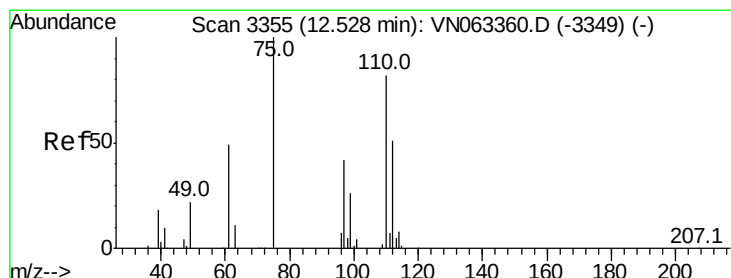
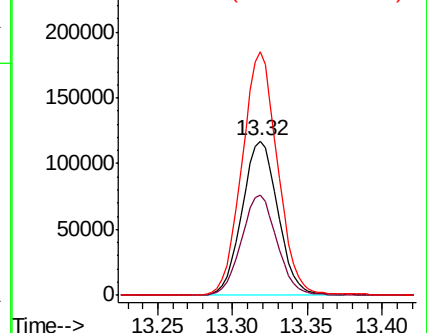
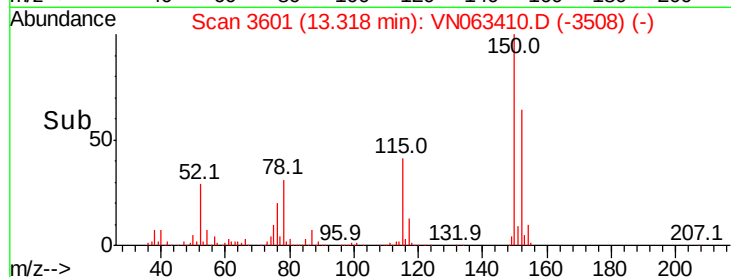
150 156.1 0.0 343.4



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: 26.788 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.15 min

Lab File: VN063410.D

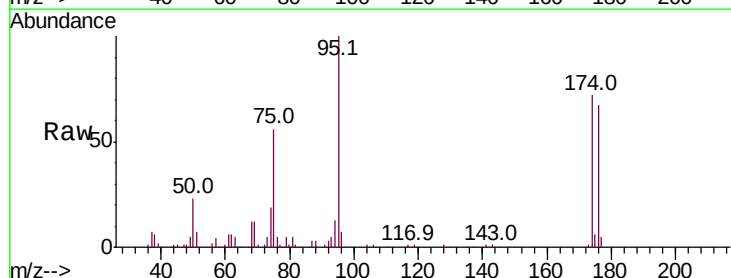
Acq: 17 Sep 2020 11:25

Tgt Ion: 75 Resp: 130008

Ion Ratio Lower Upper

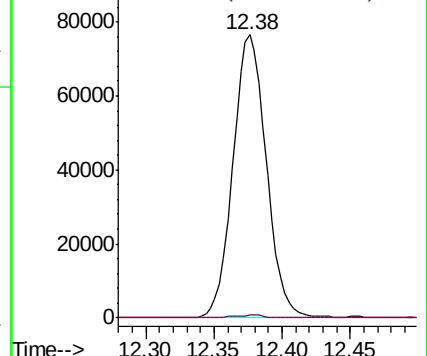
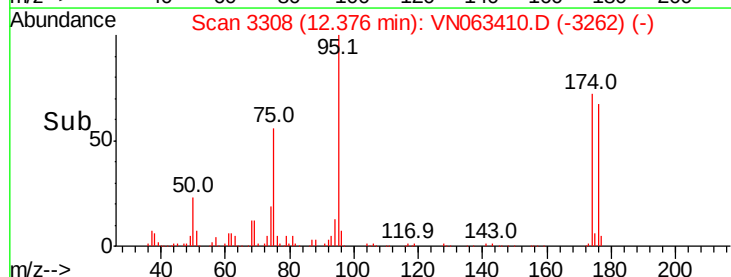
75 100

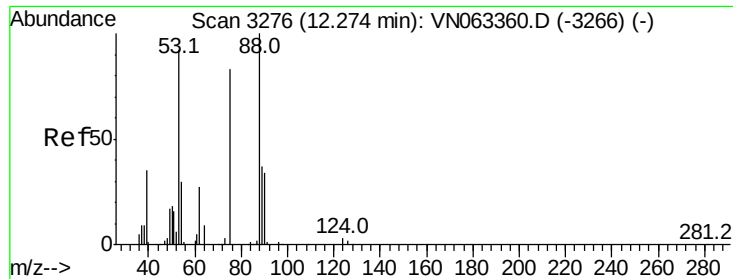
77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 73.442 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN063410.D

Acq: 17 Sep 2020 11:25

Instrument :

MSVOA_N

ClientSampleId :

VN0917WBL01

Tot Ion: 75 Resp: 130008

Ion Ratio Lower Upper

75 100

53 0.0 85.7 128.5#

89 0.0 38.0 57.0#

