

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100720\
 Data File : VN063935.D
 Acq On : 7 Oct 2020 11:20
 Operator : JC/MD
 Sample : VN1007WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1007WBL01

Quant Time: Oct 08 04:58:40 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	227470	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	410268	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	427178	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	172241	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	200385	53.32	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	106.64%	
35) Dibromofluoromethane	7.55	113	144743	50.84	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.68%	
50) Toluene-d8	10.06	98	535345	49.61	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.22%	
62) 4-Bromofluorobenzene	12.38	95	202641	49.95	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.90%	

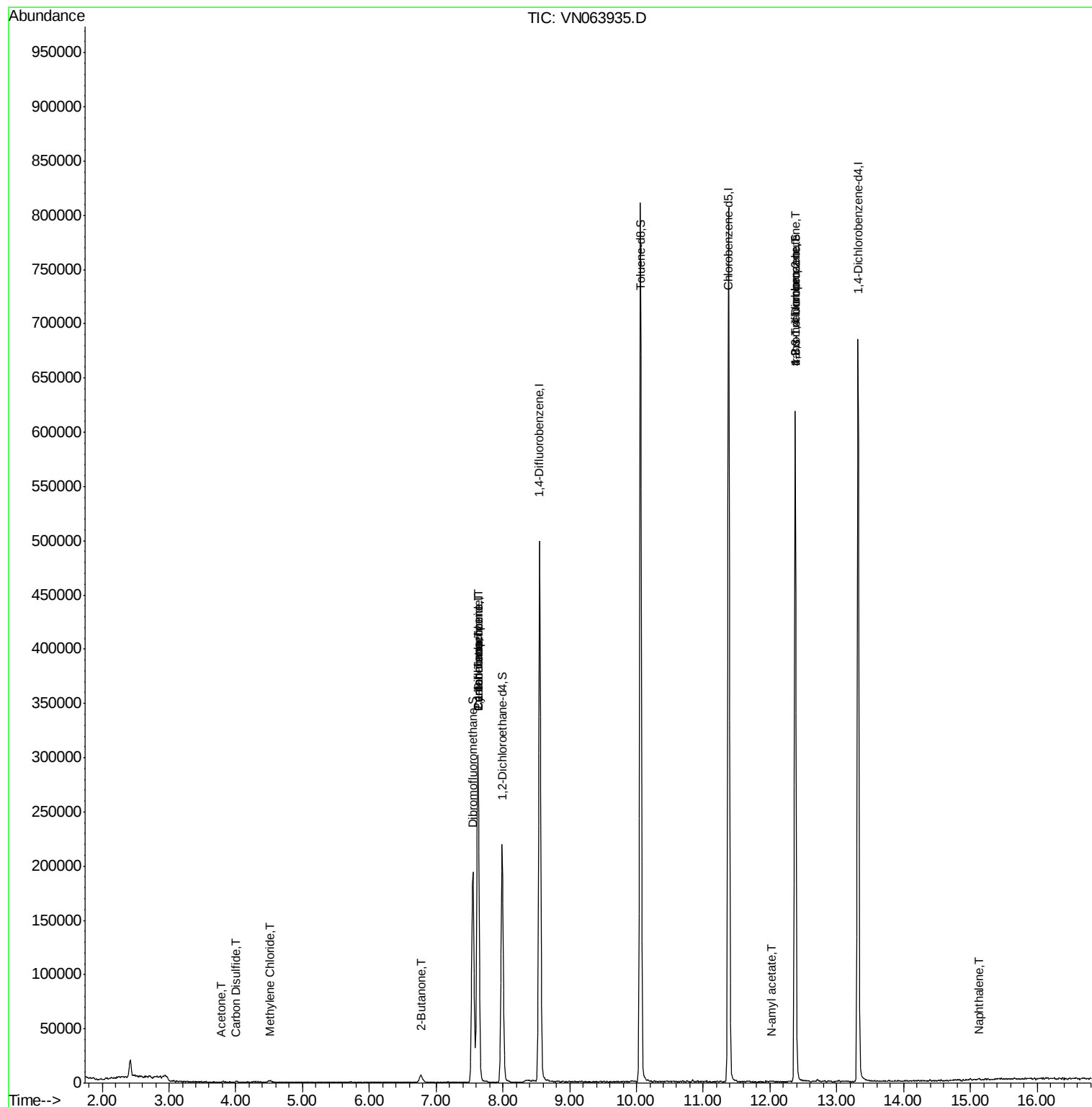
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.77	43	472	0.408	ug/l #	47
17) Carbon Disulfide	4.00	76	500	0.780	ug/l #	76
20) Methylene Chloride	4.51	84	1015	0.480	ug/l #	72
25) 2-Butanone	6.78	43	494	0.301	ug/l #	51
31) Cyclohexane	7.63	56	5950	1.364	ug/l #	11
36) 1,1-Dichloropropene	7.62	75	20479	4.927	ug/l #	47
38) Carbon Tetrachloride	7.63	117	25217	5.410	ug/l #	14
74) N-amyl acetate	12.04	43	70	2.227	ug/l #	46
76) 1,2,3-Trichloropropane	12.38	75	113406	29.868	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	113406	86.025	ug/l #	6
95) Naphthalene	15.12	128	626	1.989	ug/l #	69

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VN063935.D

Acq: 7 Oct 2020 11:20

Instrument :

MSVOA_N

ClientSampled :

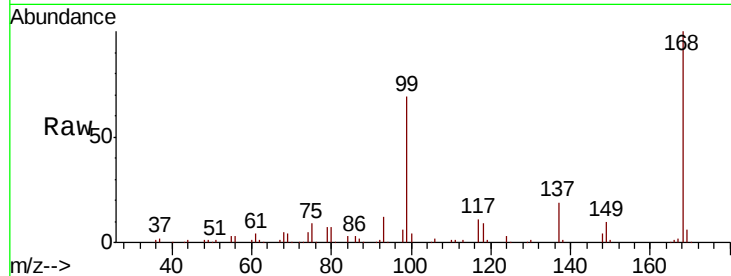
VN1007WBL01

Tot Ion:168 Resp: 227470

Ion Ratio Lower Upper

168 100

99 68.9 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

100000

80000

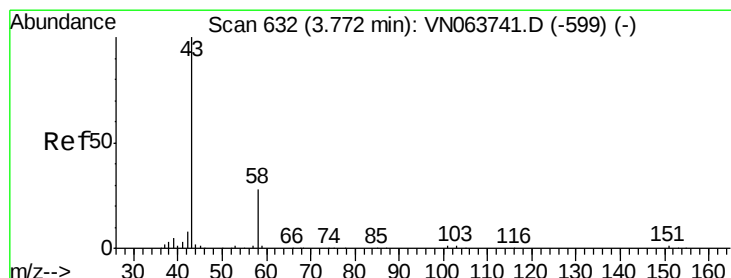
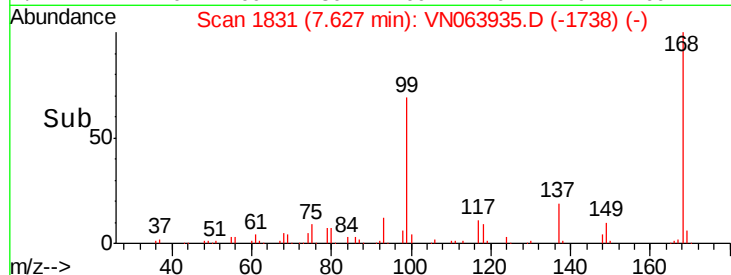
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 0.408 ug/l

RT: 3.77 min Scan# 631

Delta R.T. -0.00 min

Lab File: VN063935.D

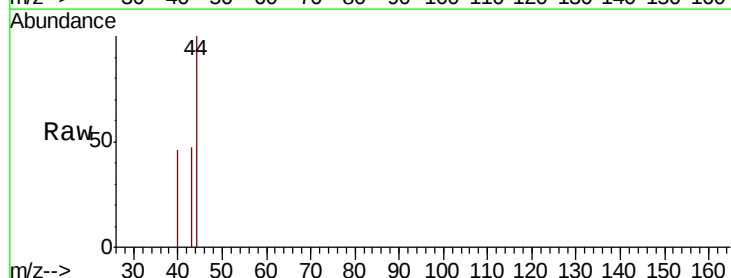
Acq: 7 Oct 2020 11:20

Tgt Ion: 43 Resp: 472

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

3.77

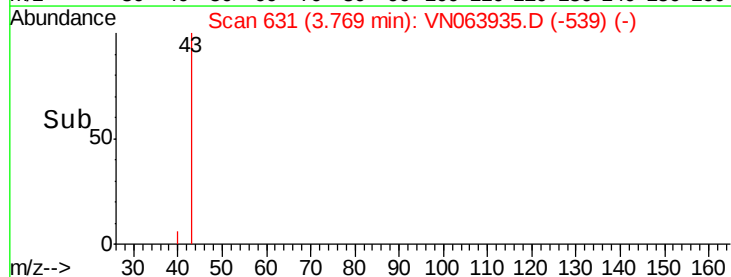
300

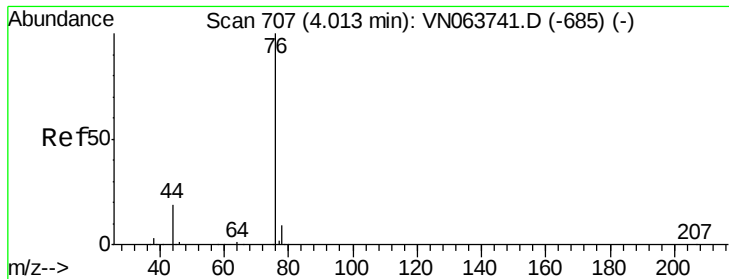
200

100

0

Time--> 3.74 3.76 3.78 3.80

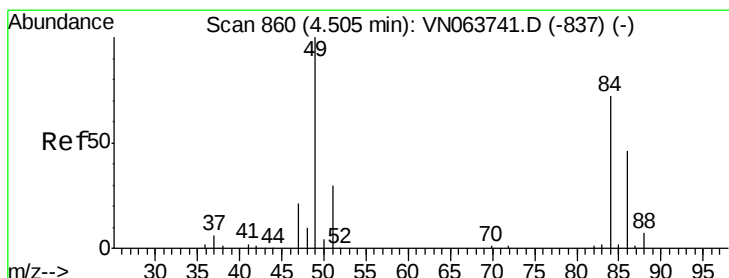
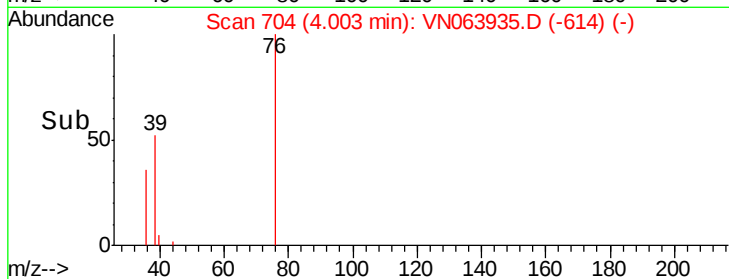
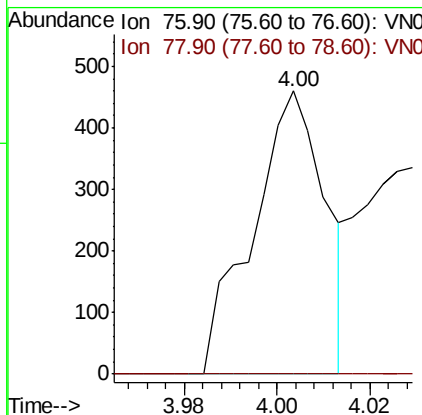
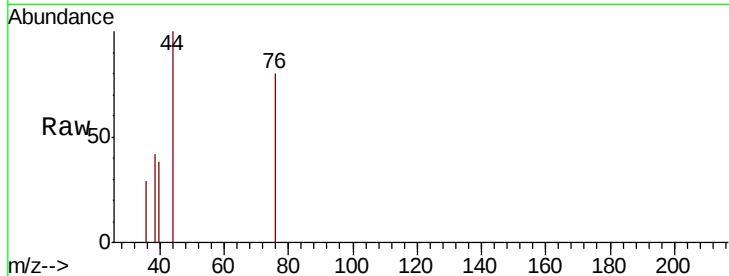




#17
Carbon Disulfide
Concen: 0.780 ug/l
RT: 4.00 min Scan# 704
Delta R.T. -0.01 min
Lab File: VN063935.D
Acq: 7 Oct 2020 11:20

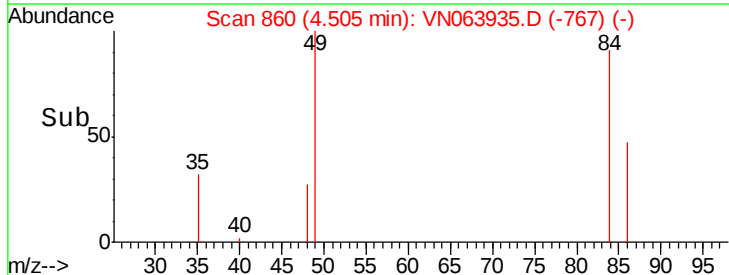
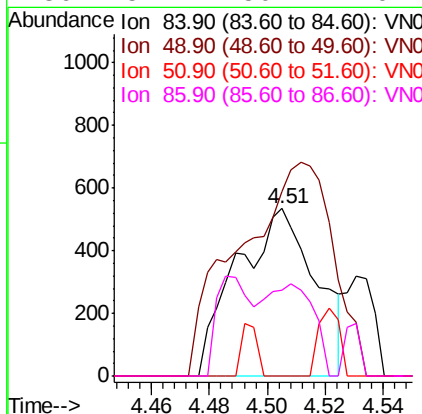
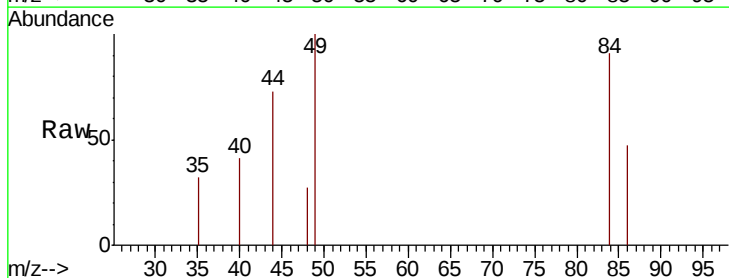
Instrument :
MSVOA_N
ClientSampled :
VN1007WBL01

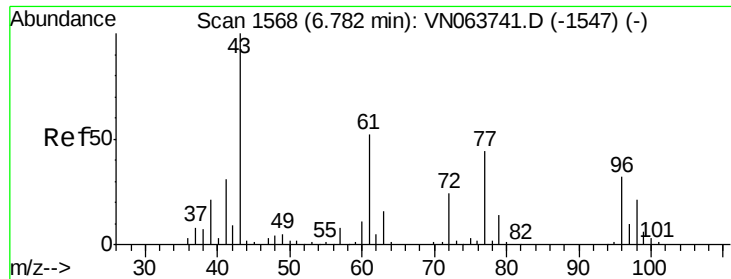
Tot Ion: 76 Resp: 500
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.4#



#20
Methylene Chloride
Concen: 0.480 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN063935.D
Acq: 7 Oct 2020 11:20

Tgt Ion: 84 Resp: 1015
Ion Ratio Lower Upper
84 100
49 110.1 110.4 165.6#
51 0.0 33.3 49.9#
86 51.7 50.7 76.1

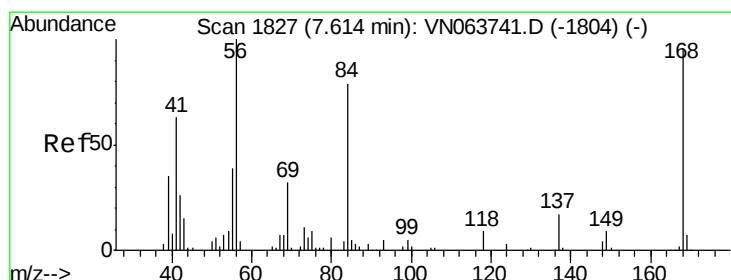
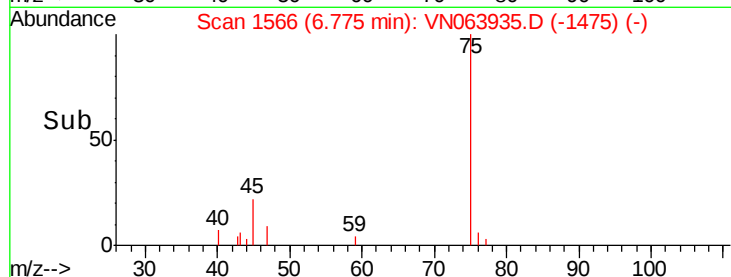
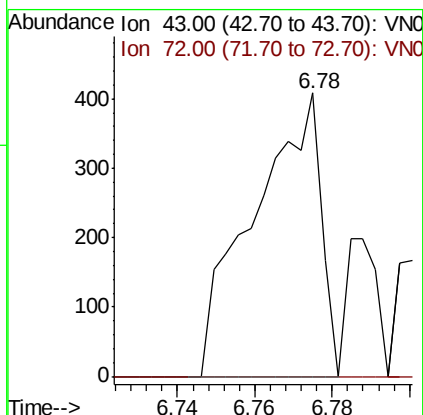
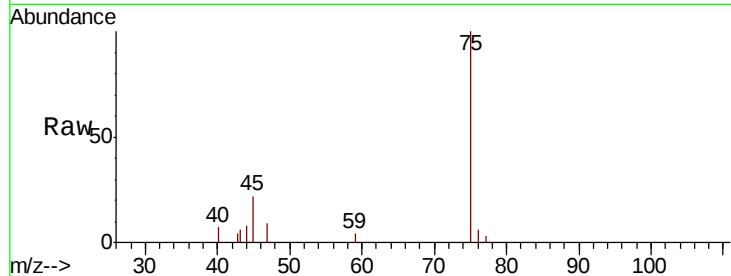




#25
2-Butanone
Concen: 0.301 ug/l
RT: 6.78 min Scan# 1566
Delta R.T. -0.01 min
Lab File: VN063935.D
Acq: 7 Oct 2020 11:20

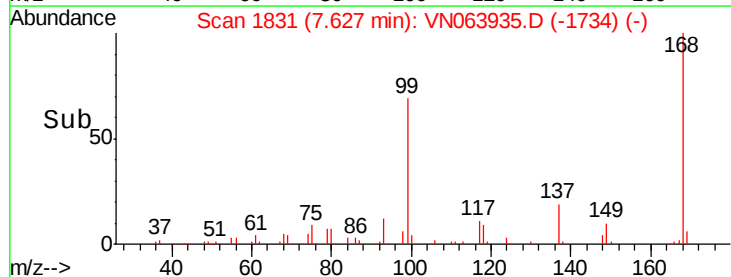
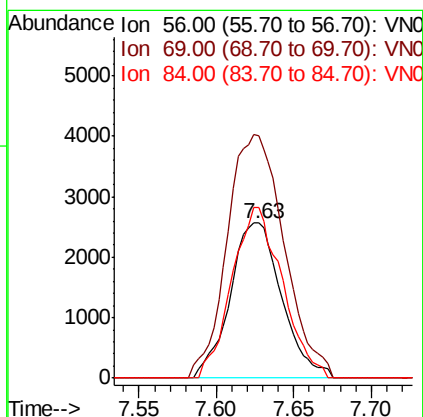
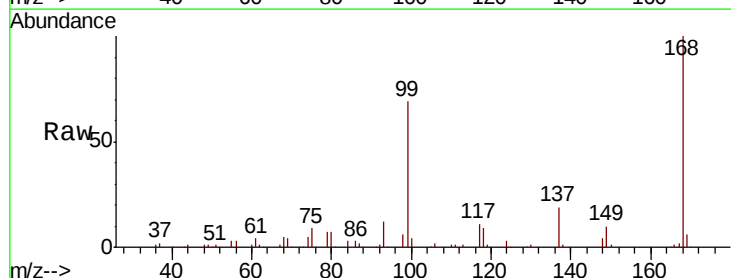
Instrument :
MSVOA_N
ClientSampleId :
VN1007WBL01

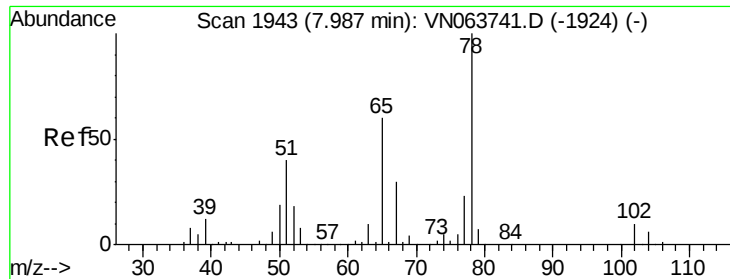
Tot Ion: 43 Resp: 494
Ion Ratio Lower Upper
43 100
72 0.0 19.3 28.9#



#31
Cyclohexane
Concen: 1.364 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. 0.01 min
Lab File: VN063935.D
Acq: 7 Oct 2020 11:20

Tgt Ion: 56 Resp: 5950
Ion Ratio Lower Upper
56 100
69 156.2 25.4 38.2#
84 109.9 63.3 94.9#

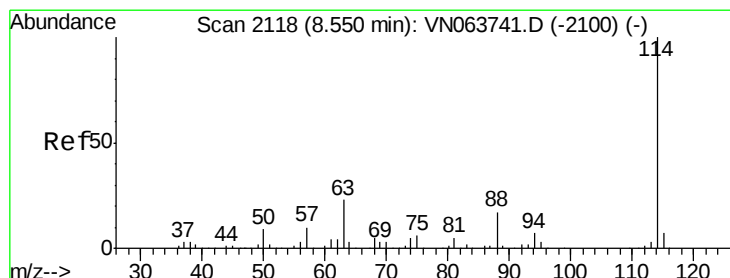
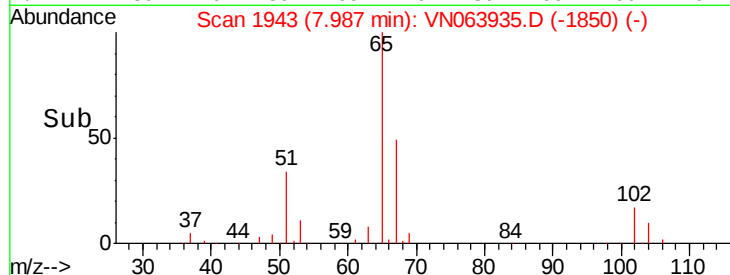
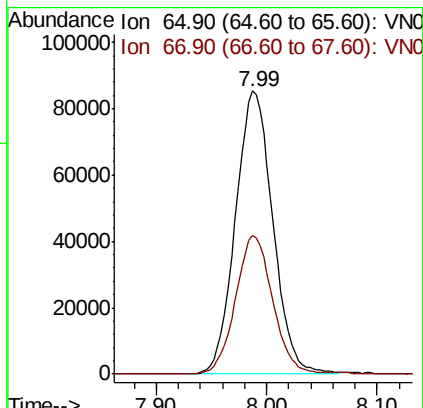
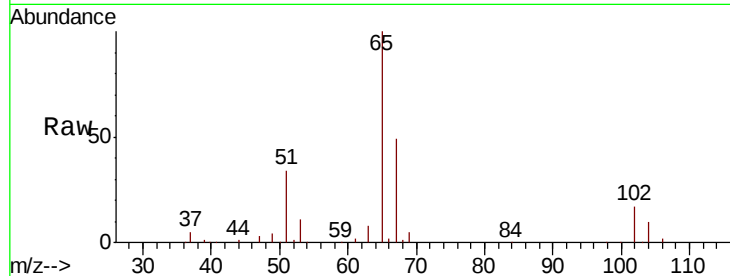




#33
 1,2-Dichloroethane-d4
 Concen: 53.323 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN063935.D
 Acq: 7 Oct 2020 11:20

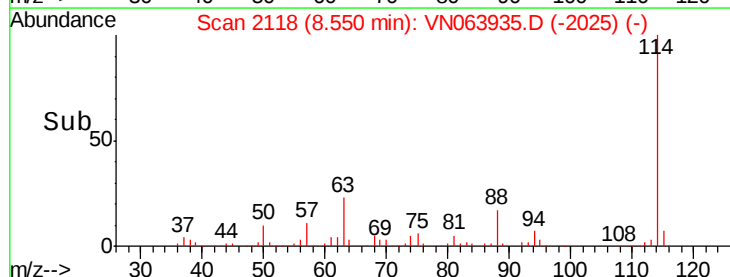
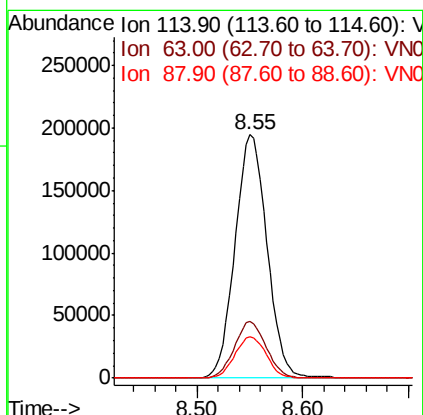
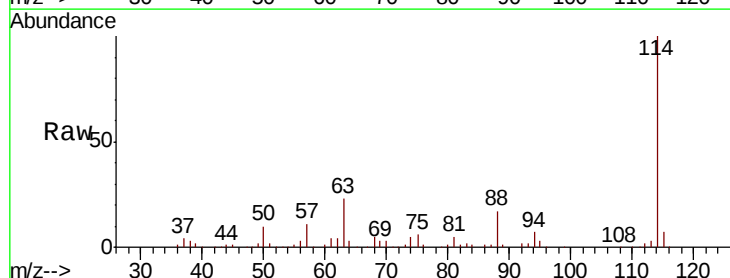
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1007WBL01

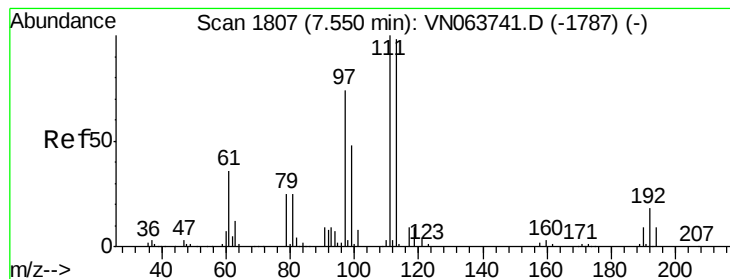
Tot Ion: 65 Resp: 200385
 Ion Ratio Lower Upper
 65 100
 67 48.7 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN063935.D
 Acq: 7 Oct 2020 11:20

Tgt Ion: 114 Resp: 410268
 Ion Ratio Lower Upper
 114 100
 63 23.3 0.0 45.0
 88 16.8 0.0 34.0





#35

Dibromofluoromethane

Concen: 50.845 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VN063935.D

Acq: 7 Oct 2020 11:20

Instrument :

MSVOA_N

ClientSampleId :

VN1007WBL01

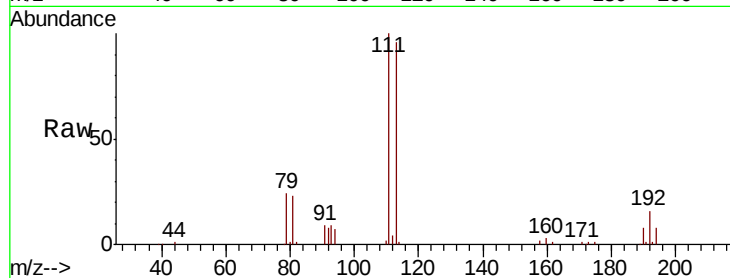
Tot Ion:113 Resp: 144743

Ion Ratio Lower Upper

113 100

111 104.1 81.8 122.8

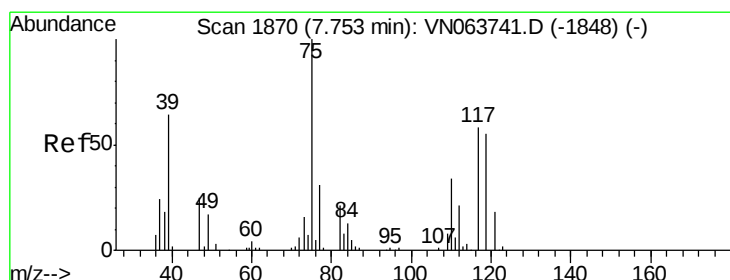
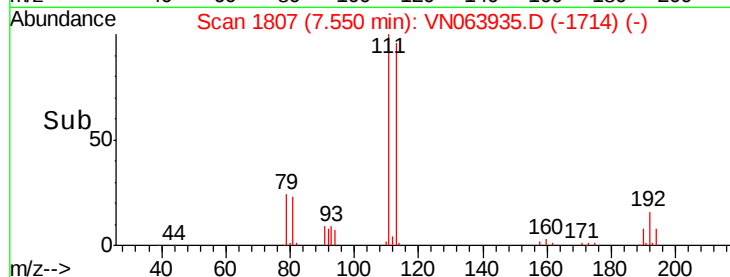
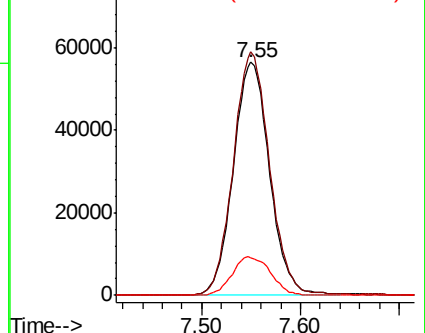
192 17.6 14.2 21.2



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: 4.927 ug/l

RT: 7.62 min Scan# 1829

Delta R.T. -0.13 min

Lab File: VN063935.D

Acq: 7 Oct 2020 11:20

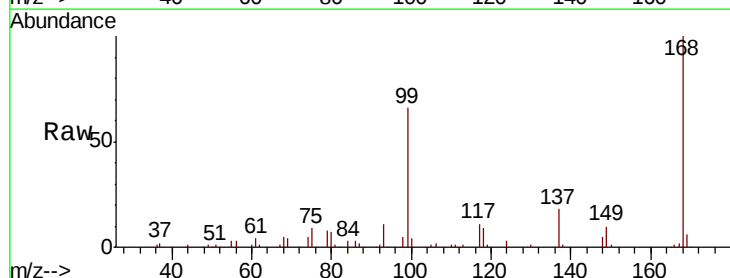
Tgt Ion: 75 Resp: 20479

Ion Ratio Lower Upper

75 100

110 4.5 16.9 50.6#

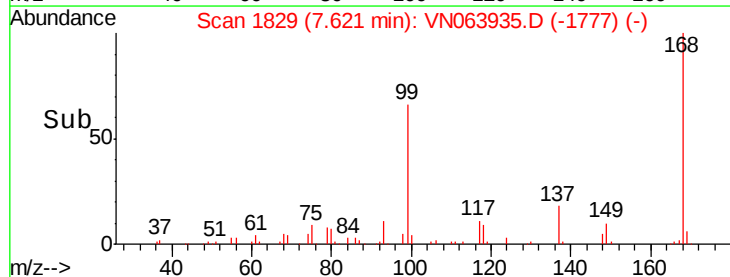
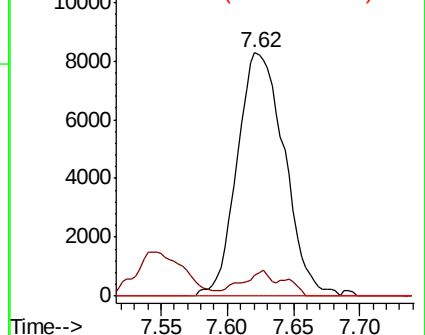
77 0.0 24.5 36.7#

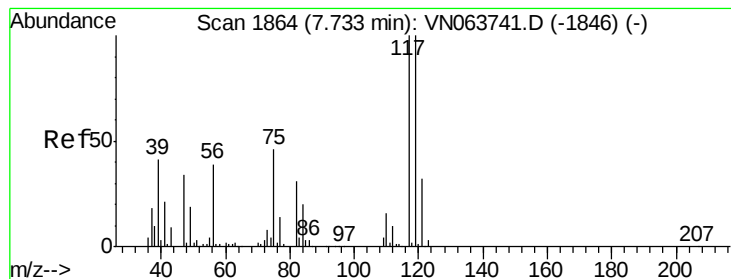


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V





#38

Carbon Tetrachloride

Concen: 5.410 ug/l

RT: 7.63 min Scan# 1832

Delta R.T. -0.10 min

Lab File: VN063935.D

Acq: 7 Oct 2020 11:20

Instrument :

MSVOA_N

ClientSampled :

VN1007WBL01

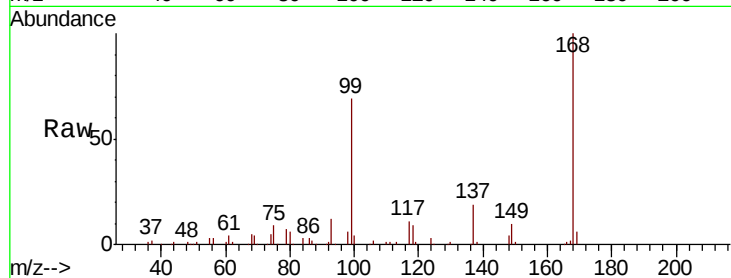
Tot Ion:117 Resp: 25217

Ion Ratio Lower Upper

117 100

119 5.4 80.1 120.1#

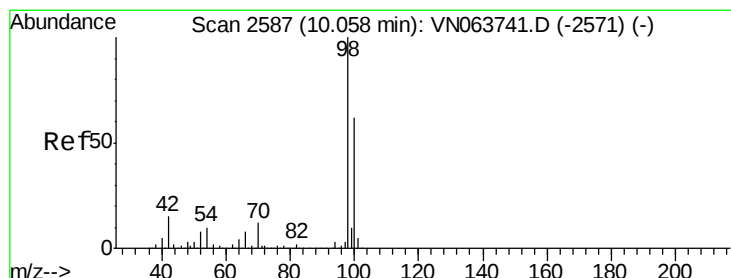
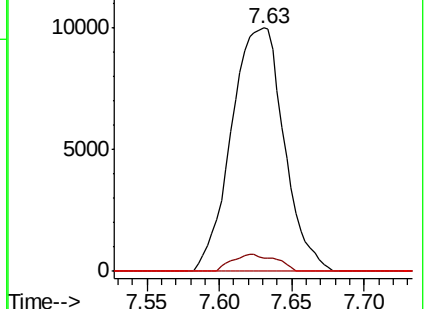
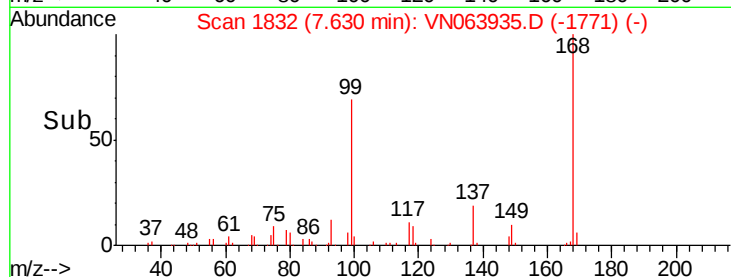
121 0.0 25.7 38.5#



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: 49.607 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063935.D

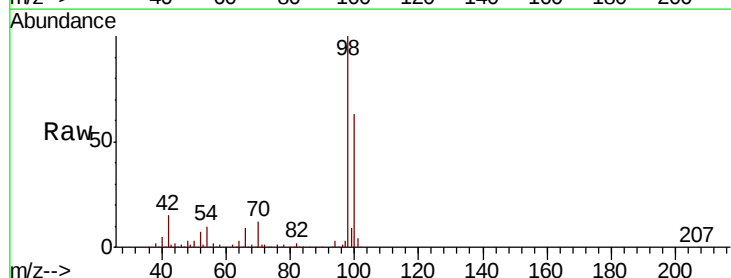
Acq: 7 Oct 2020 11:20

Tgt Ion: 98 Resp: 535345

Ion Ratio Lower Upper

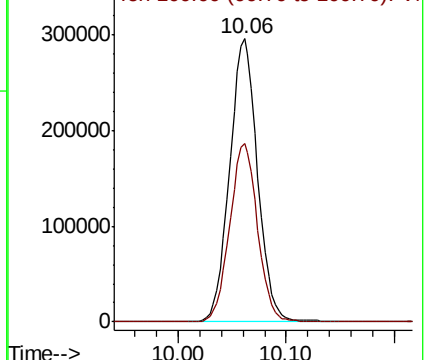
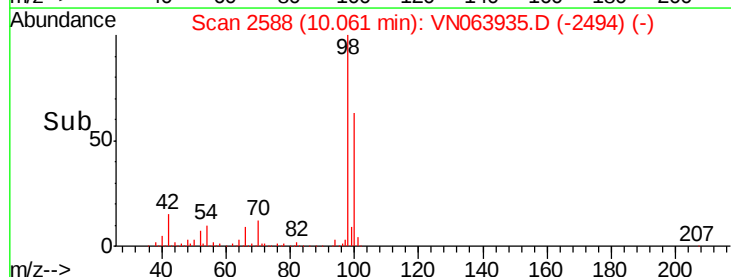
98 100

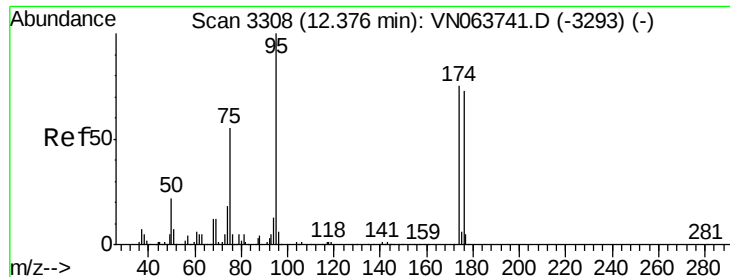
100 62.9 49.8 74.6



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

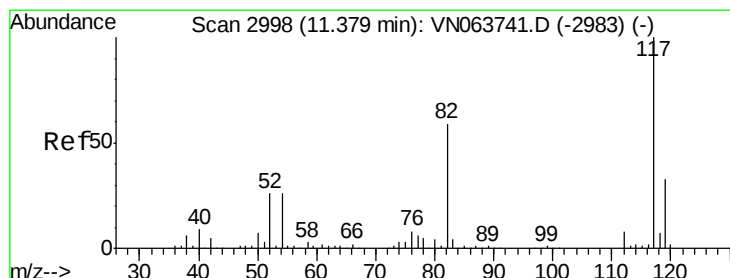
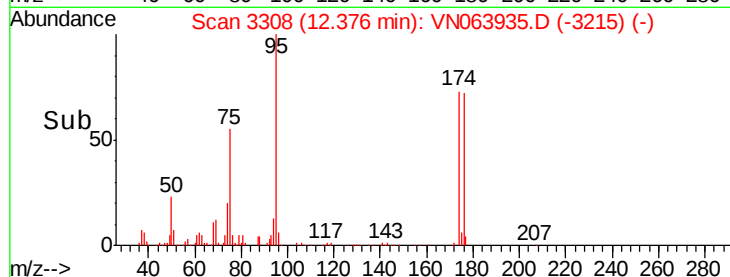
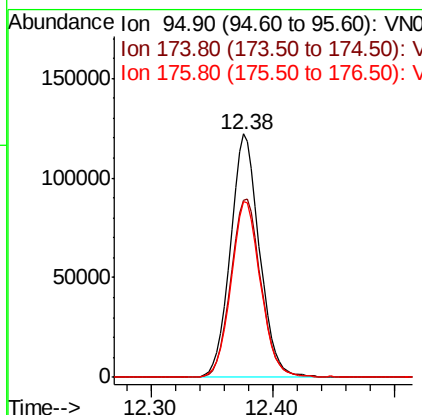
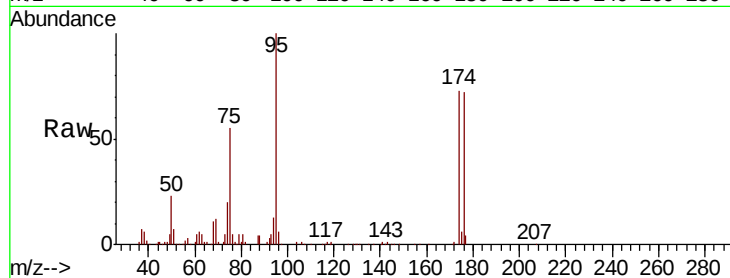




#62
4-Bromofluorobenzene
Concen: 49.952 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.00 min
Lab File: VN063935.D
Acq: 7 Oct 2020 11:20

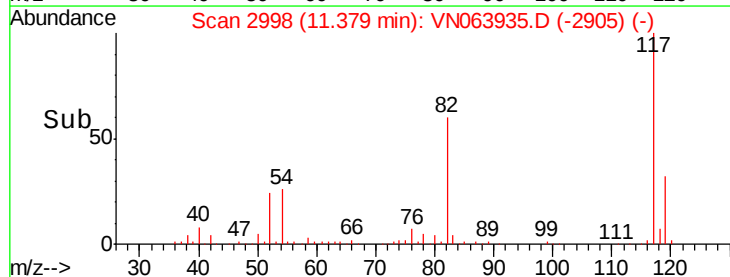
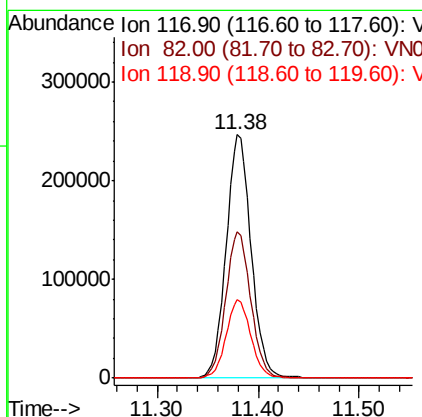
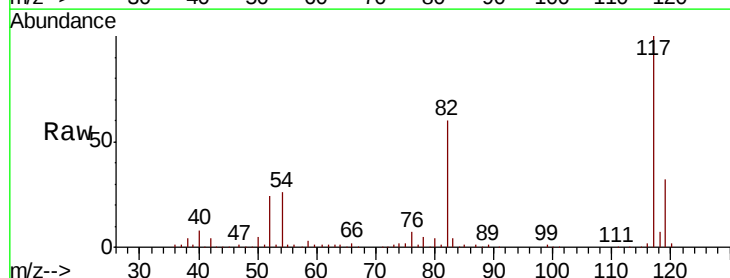
Instrument :
MSVOA_N
ClientSampleId :
VN1007WBL01

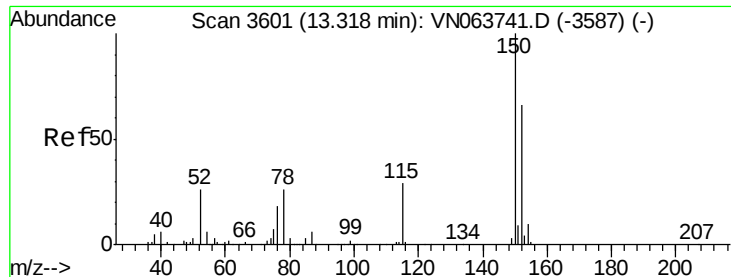
Tot Ion: 95 Resp: 202641
Ion Ratio Lower Upper
95 100
174 75.9 0.0 150.6
176 73.4 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063935.D
Acq: 7 Oct 2020 11:20

Tgt Ion: 117 Resp: 427178
Ion Ratio Lower Upper
117 100
82 60.2 47.4 71.2
119 32.1 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: VN063935.D

Acq: 7 Oct 2020 11:20

Instrument :

MSVOA_N

ClientSampleId :

VN1007WBL01

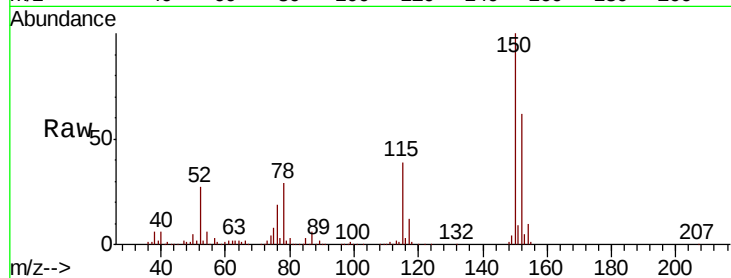
Tot Ion:152 Resp: 172241

Ion Ratio Lower Upper

152 100

115 62.4 31.3 93.8

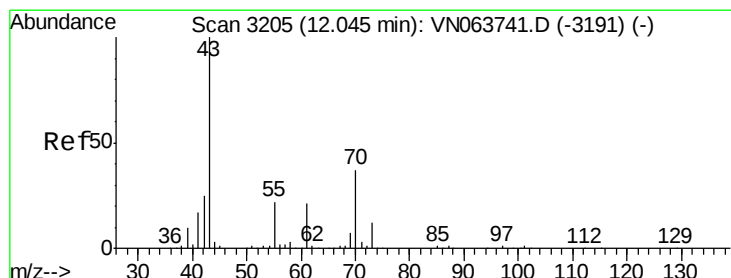
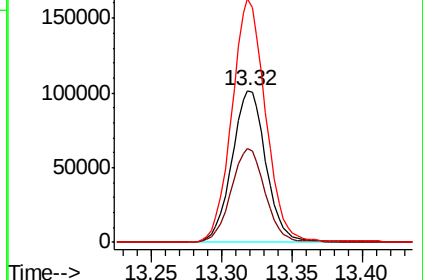
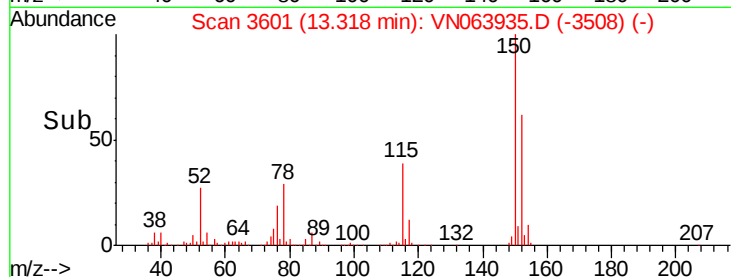
150 158.7 0.0 341.8



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: 2.227 ug/l

RT: 12.04 min Scan# 3203

Delta R.T. -0.01 min

Lab File: VN063935.D

Acq: 7 Oct 2020 11:20

Tgt Ion: 43 Resp: 70

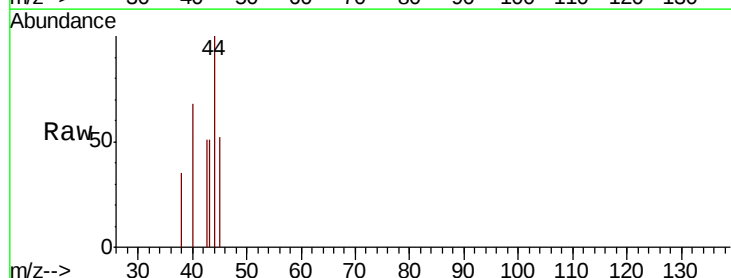
Ion Ratio Lower Upper

43 100

70 0.0 29.8 44.8#

55 0.0 17.9 26.9#

61 0.0 17.0 25.4#

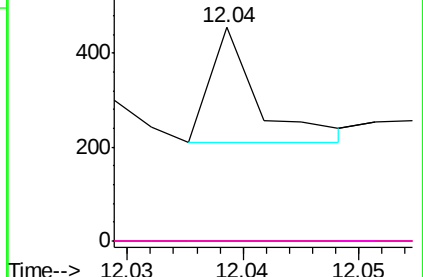
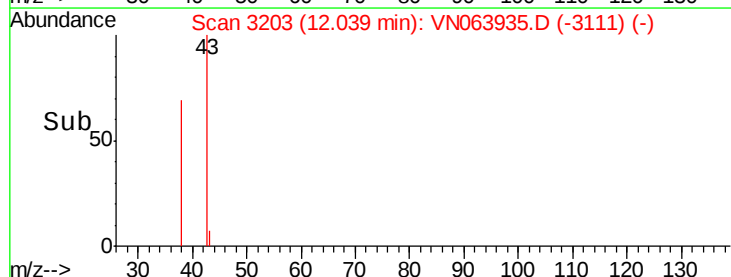


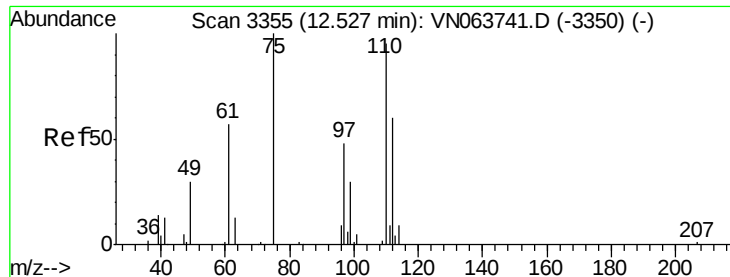
Abundance Ion 43.00 (42.70 to 43.70): V

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

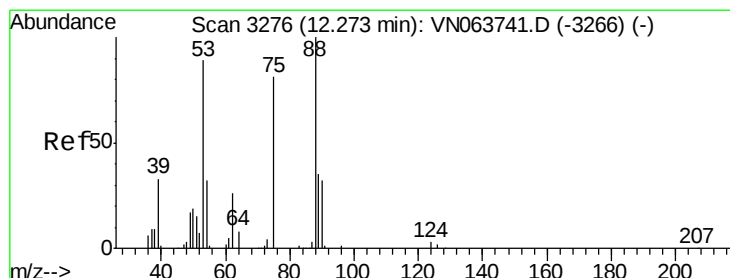
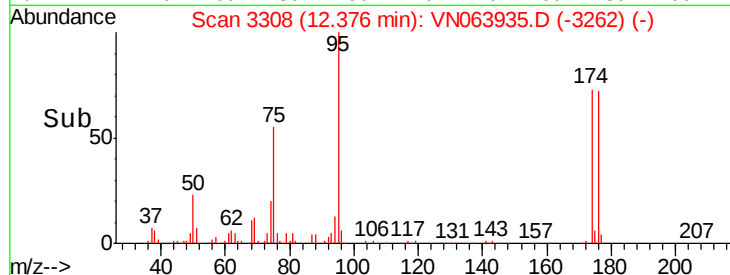
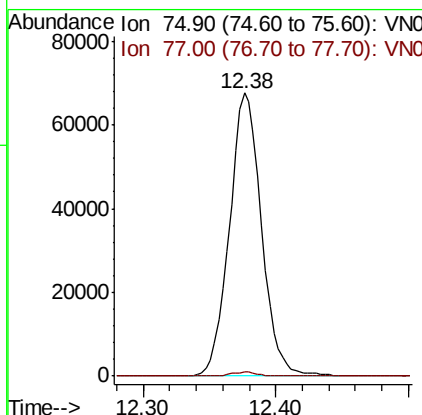
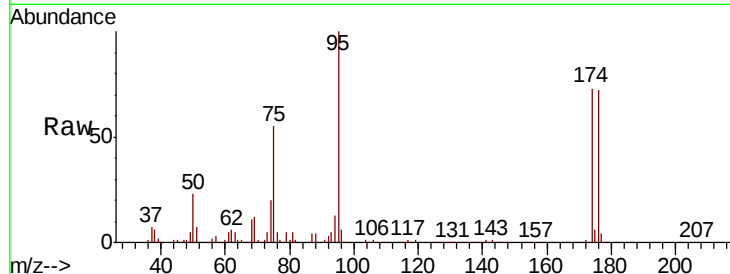




#76
 1,2,3-Trichloropropane
 Concen: 29.868 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.15 min
 Lab File: VN063935.D
 Acq: 7 Oct 2020 11:20

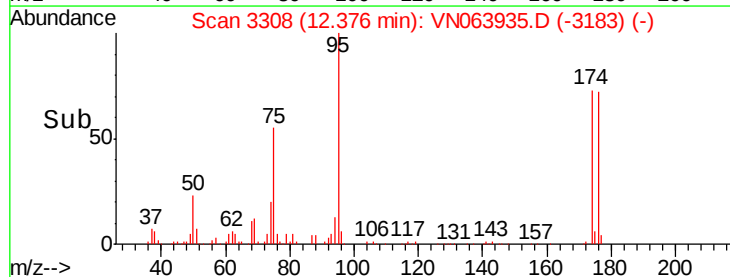
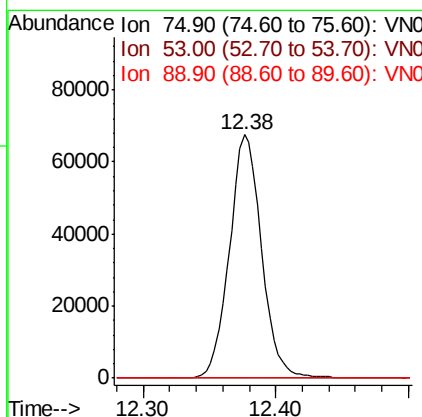
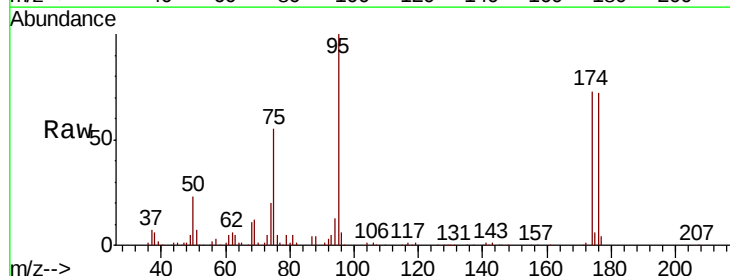
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1007WBL01

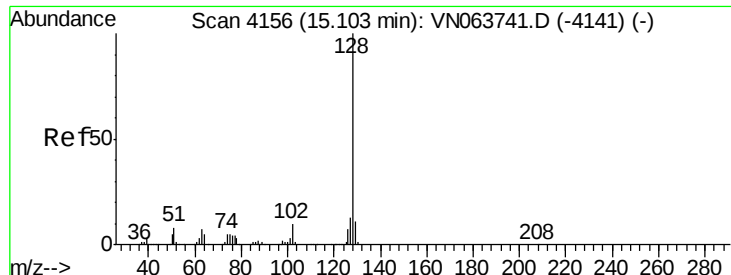
Tot Ion: 75 Resp: 113406
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 86.025 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.10 min
 Lab File: VN063935.D
 Acq: 7 Oct 2020 11:20

Tgt Ion: 75 Resp: 113406
 Ion Ratio Lower Upper
 75 100
 53 0.1 88.2 132.2#
 89 0.0 36.0 54.0#

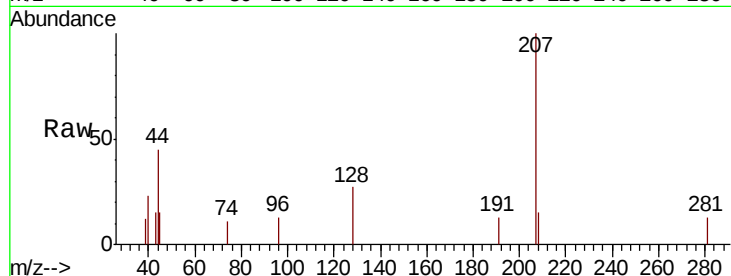




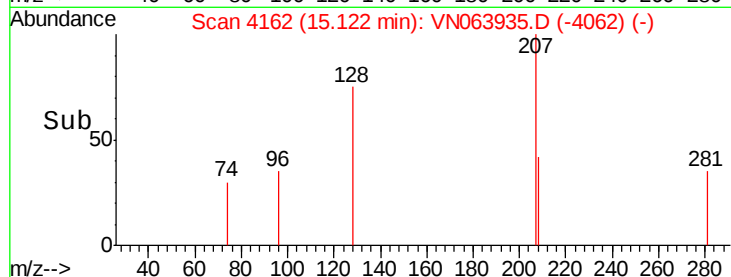
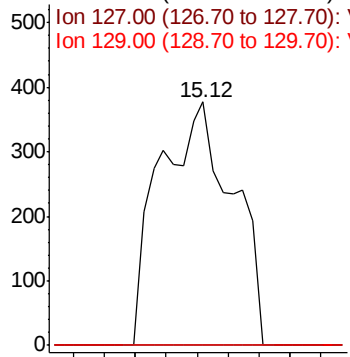
#95
Naphthalene
Concen: 1.989 ug/l
RT: 15.12 min Scan# 4162
Delta R.T. 0.02 min
Lab File: VN063935.D
Acq: 7 Oct 2020 11:20

Instrument :
MSVOA_N
ClientSampleId :
VN1007WBL01

Tot Ion:128 Resp: 626
Ion Ratio Lower Upper
128 100
127 0.0 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



Time-->