

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041520\
 Data File : VN060999.D
 Acq On : 16 Apr 2020 5:51
 Operator : JC/MD
 Sample : L2249-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 16 06:46:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	141936	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	241935	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	226122	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	101996	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	94365	48.43	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.86%	
35) Dibromofluoromethane	7.56	113	71549	48.91	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.82%	
50) Toluene-d8	10.08	98	297843	49.84	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.68%	
62) 4-Bromofluorobenzene	12.39	95	112581	51.41	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.82%	

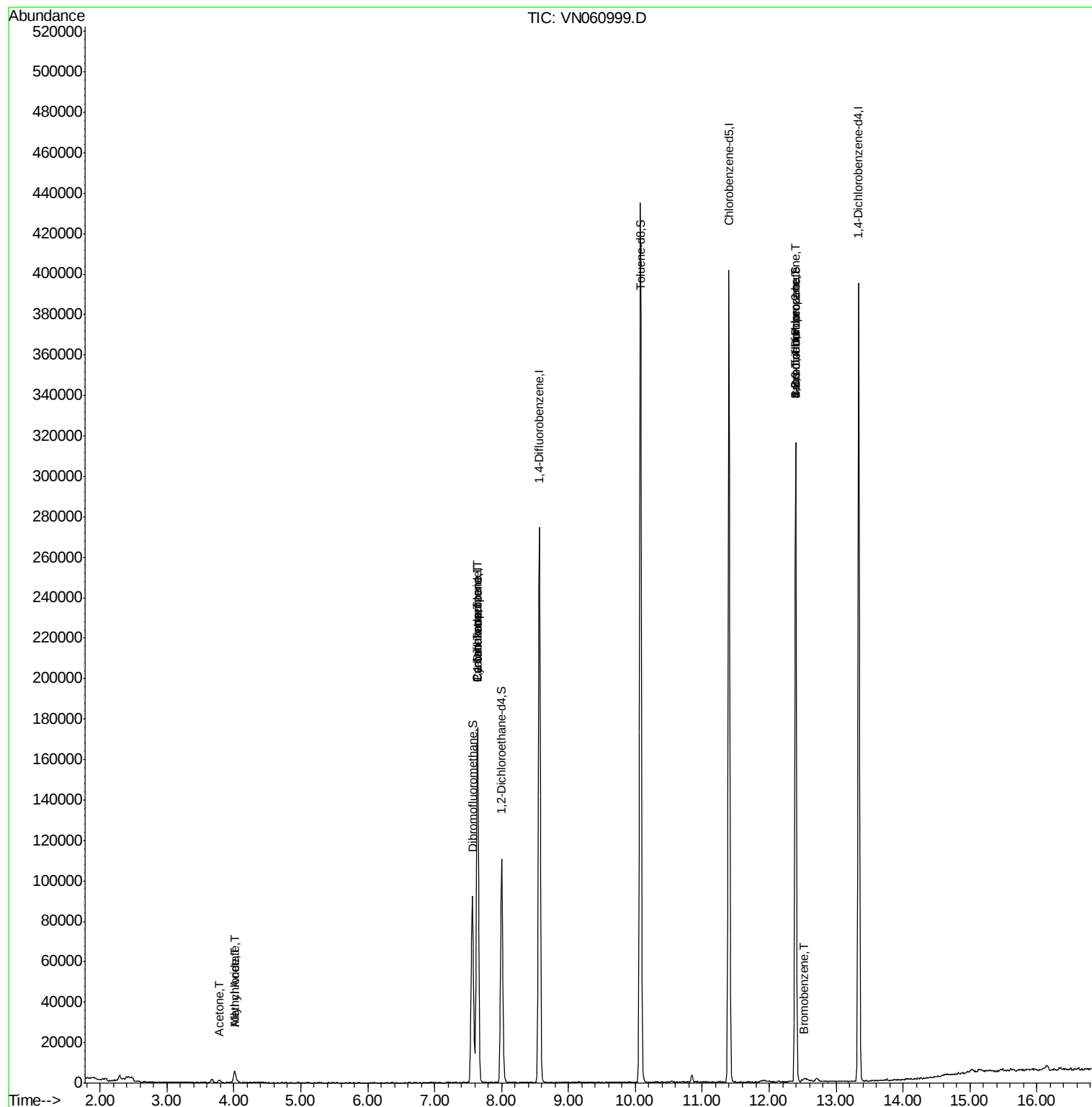
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
14) Allyl chloride	4.01	41	655	0.242	ug/l #	22
16) Acetone	3.79	43	2253	3.264	ug/l	100
18) Methyl Acetate	4.01	43	2058	1.059	ug/l #	54
31) Cyclohexane	7.63	56	3053	0.973	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	11182	4.773	ug/l #	48
38) Carbon Tetrachloride	7.64	117	14046	6.690	ug/l #	16
71) Bromoform	12.40	173	197	1.822	ug/l #	1
76) 1,2,3-Trichloropropane	12.39	75	56688	25.757	ug/l #	100
77) Bromobenzene	12.52	156	1505	0.816	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.39	75	56688	66.152	ug/l #	13

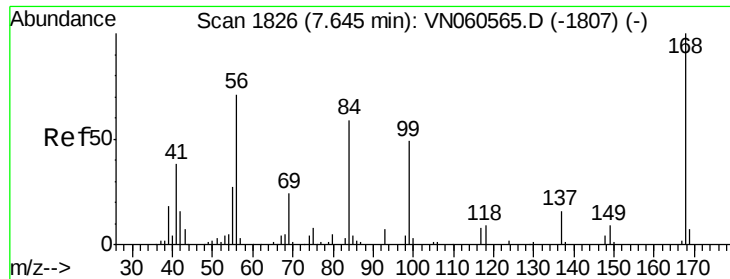
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN041520\
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Quant Title : SW846 8260
QLast Update : Wed Mar 18 08:49:09 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060999.D

Acq: 16 Apr 2020 5:51

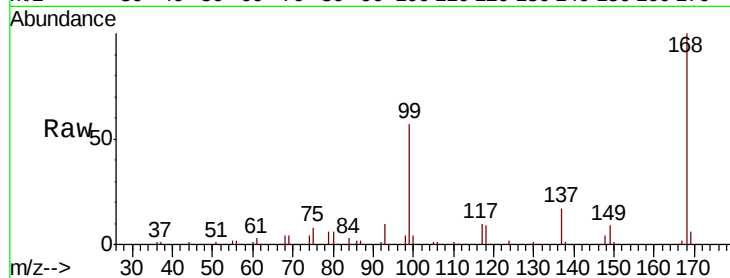
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 141936

Ion Ratio Lower Upper

168 100

99 57.2 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

60000

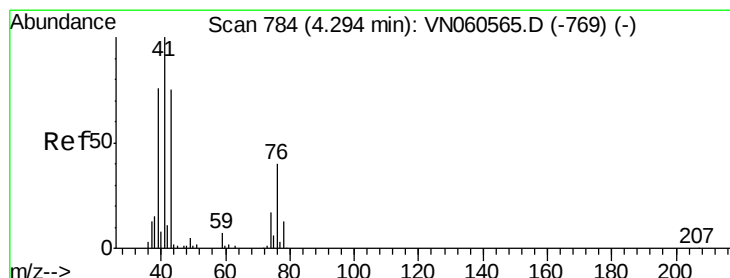
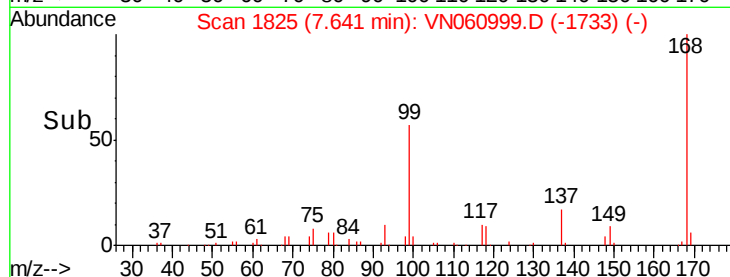
40000

20000

0

7.55 7.60 7.65 7.70 7.75

Time-->



#14

Allyl chloride

Concen: 0.242 ug/l

RT: 4.01 min Scan# 697

Delta R.T. -0.28 min

Lab File: VN060999.D

Acq: 16 Apr 2020 5:51

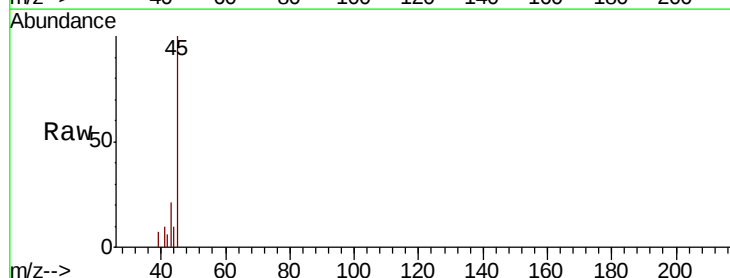
Tgt Ion: 41 Resp: 655

Ion Ratio Lower Upper

41 100

39 0.0 57.8 86.8#

76 0.0 28.6 43.0#



Abundance Ion 41.00 (40.70 to 41.70): VN

Ion 39.00 (38.70 to 39.70): VN

Ion 75.90 (75.60 to 76.60): VN

4.01

400

300

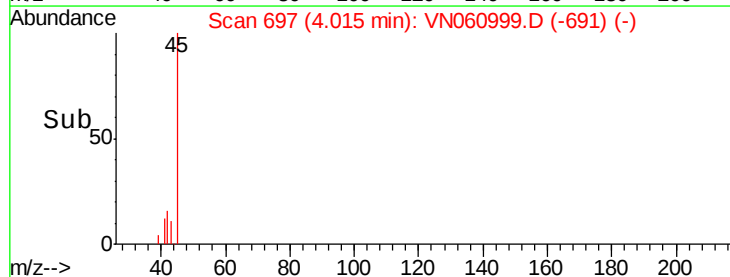
200

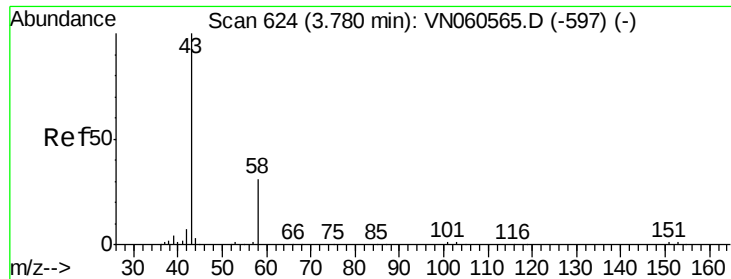
100

0

3.98 4.00 4.02 4.04

Time-->

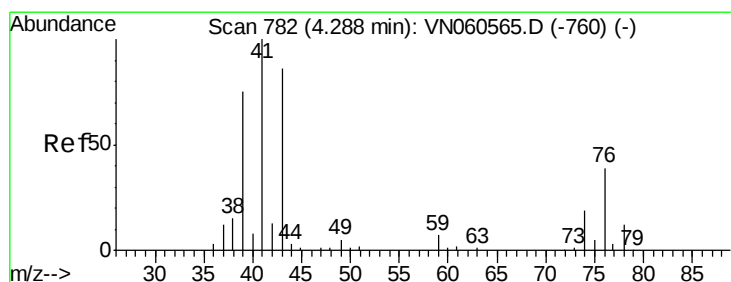
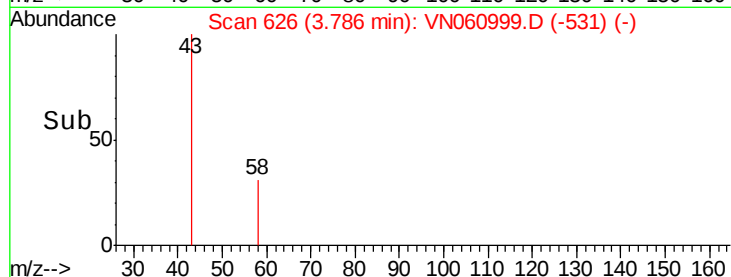
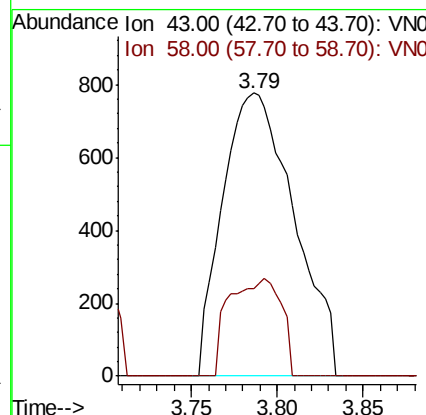
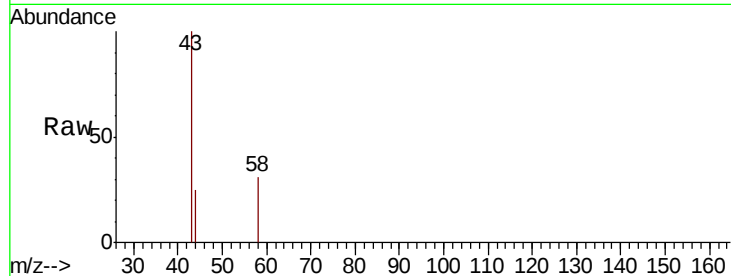




#16
Acetone
Concen: 3.264 ug/l
RT: 3.79 min Scan# 626
Delta R.T. 0.01 min
Lab File: VN060999.D
Acq: 16 Apr 2020 5:51

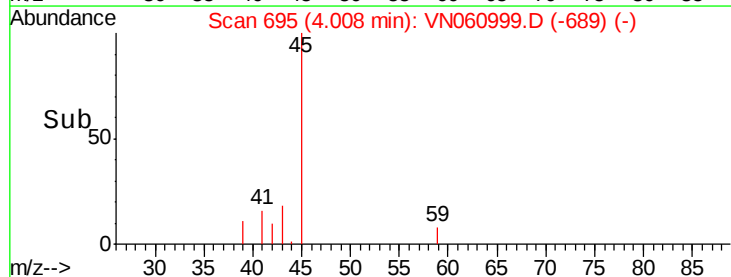
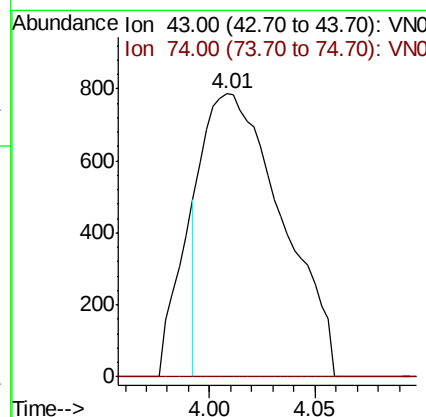
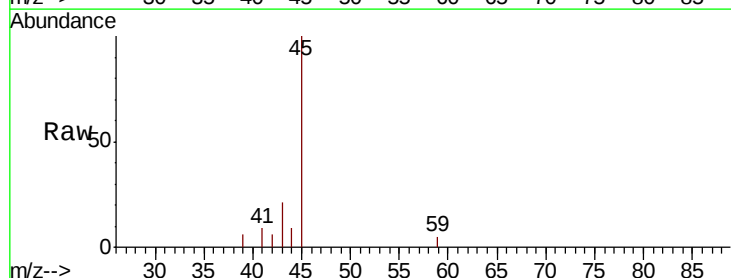
Instrument :
MSVOA_N
ClientSampled :

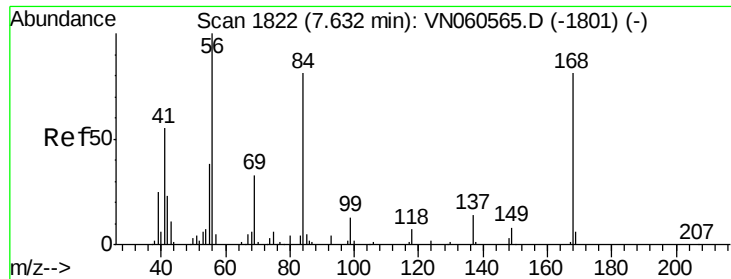
Tot Ion: 43 Resp: 2253
Ion Ratio Lower Upper
43 100
58 31.1 25.1 37.7



#18
Methyl Acetate
Concen: 1.059 ug/l
RT: 4.01 min Scan# 695
Delta R.T. -0.28 min
Lab File: VN060999.D
Acq: 16 Apr 2020 5:51

Tgt Ion: 43 Resp: 2058
Ion Ratio Lower Upper
43 100
74 0.0 17.5 26.3#

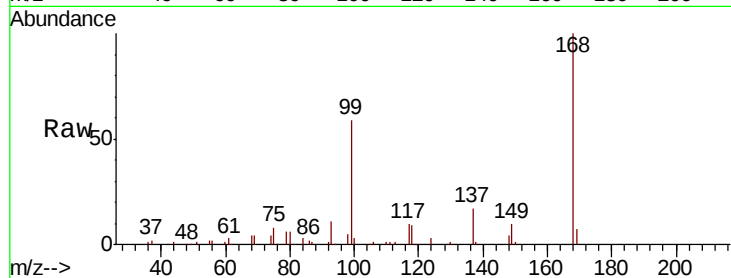




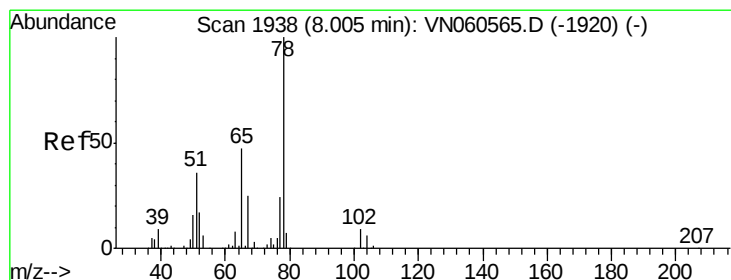
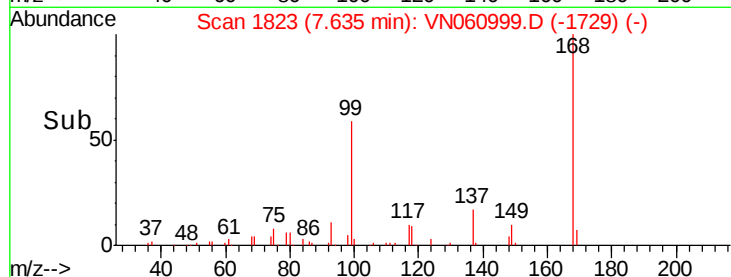
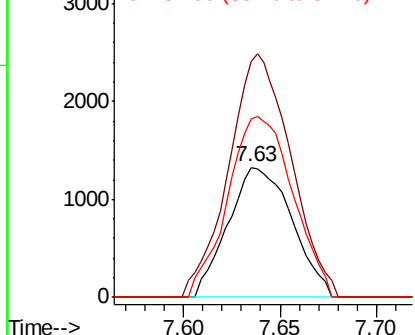
#31
Cyclohexane
Concen: 0.973 ug/l
RT: 7.63 min Scan# 1823
Delta R.T. 0.00 min
Lab File: VN060999.D
Acq: 16 Apr 2020 5:51

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 3053
Ion Ratio Lower Upper
56 100
69 181.7 26.6 40.0#
84 137.0 64.3 96.5#

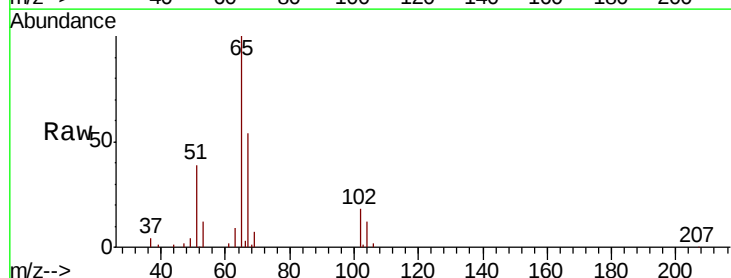


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

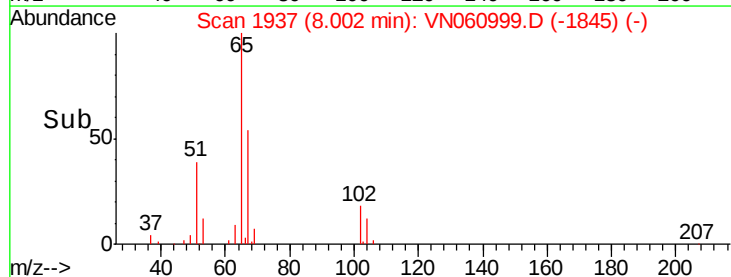
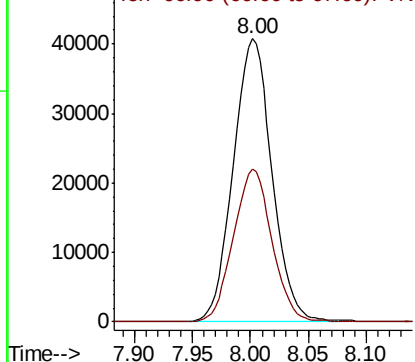


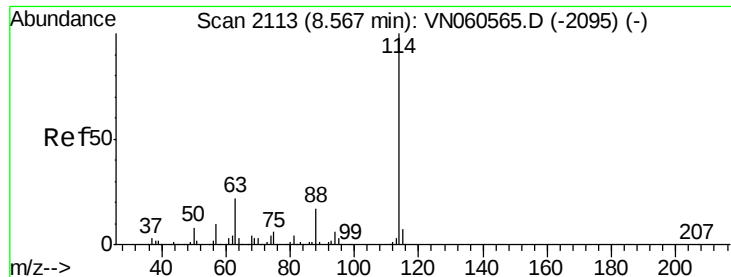
#33
1,2-Dichloroethane-d4
Concen: 48.431 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN060999.D
Acq: 16 Apr 2020 5:51

Tgt Ion: 65 Resp: 94365
Ion Ratio Lower Upper
65 100
67 53.6 0.0 107.6



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: 8.56 min Scan# 2112

Delta R.T. -0.00 min

Lab File: VN060999.D

Acq: 16 Apr 2020 5:51

Instrument :

MSVOA_N

ClientSampleId :

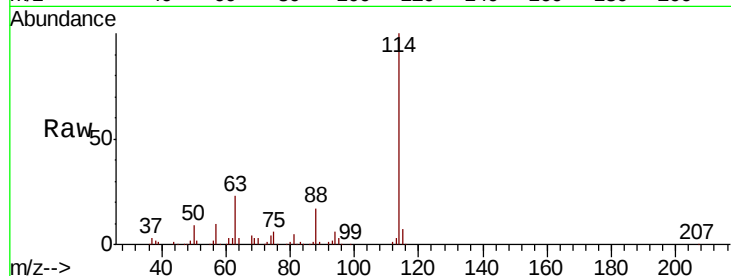
Tot Ion:114 Resp: 241935

Ion Ratio Lower Upper

114 100

63 23.0 0.0 43.8

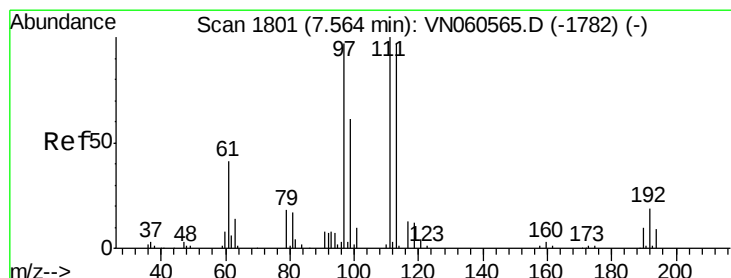
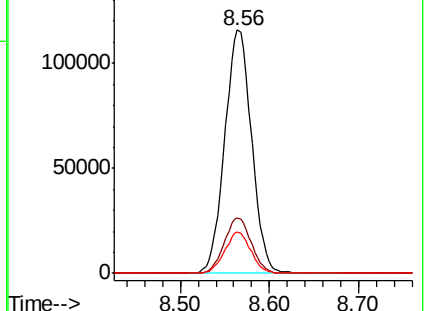
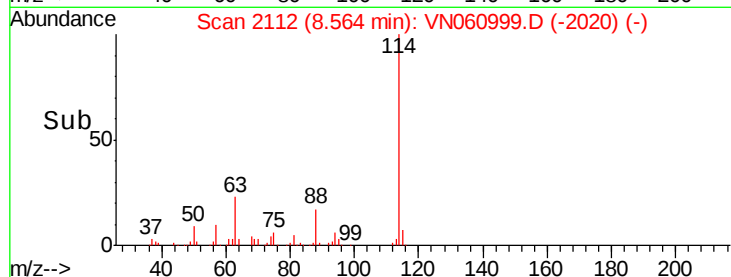
88 16.8 0.0 33.0



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: 48.909 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN060999.D

Acq: 16 Apr 2020 5:51

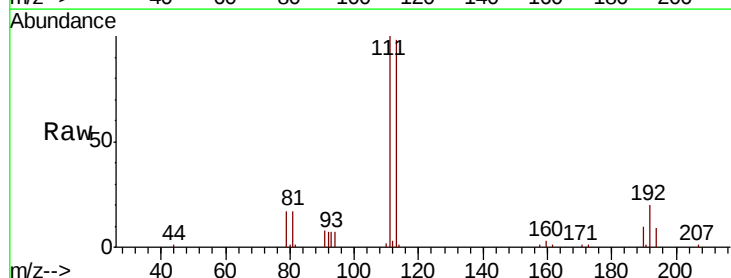
Tgt Ion:113 Resp: 71549

Ion Ratio Lower Upper

113 100

111 104.1 82.9 124.3

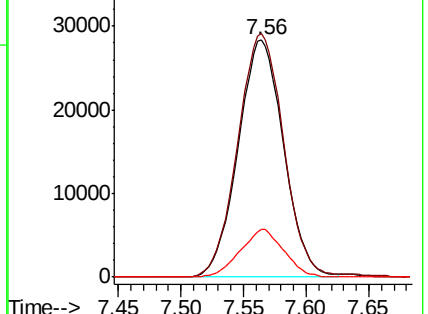
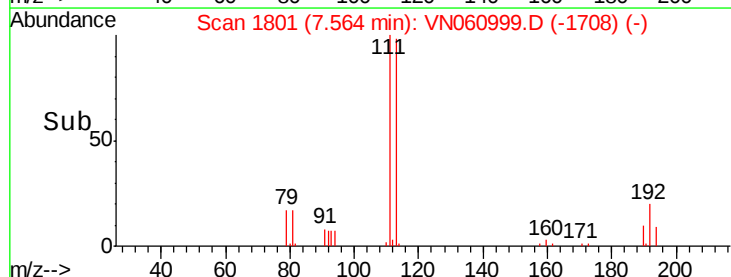
192 19.3 15.8 23.8

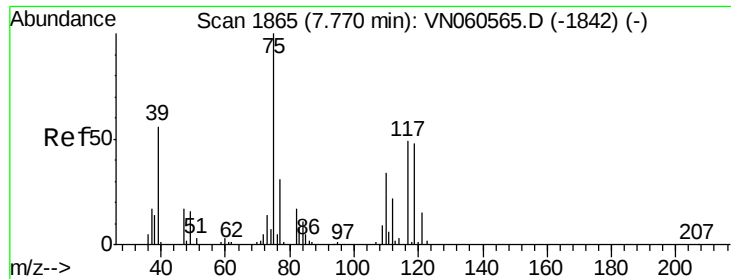


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

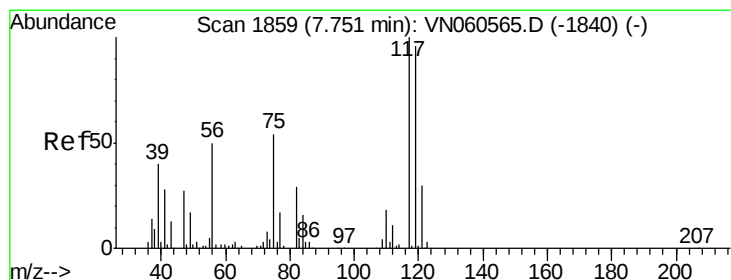
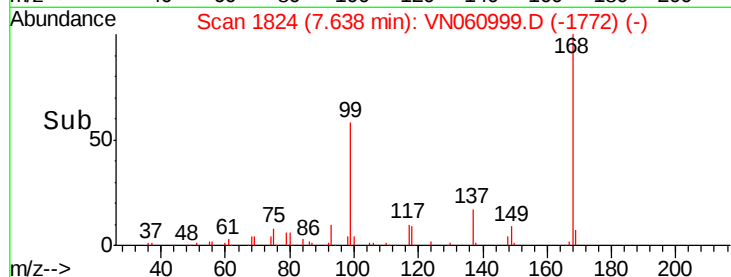
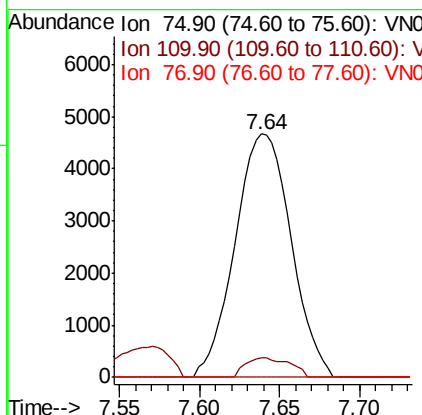
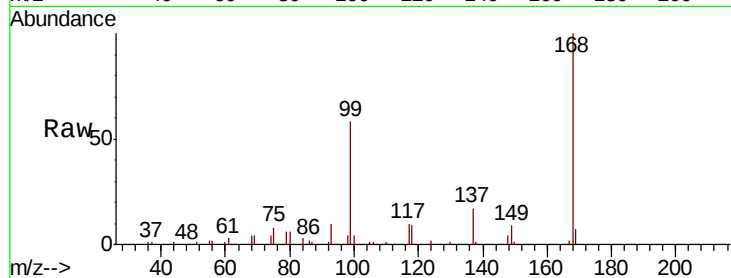




#36
 1,1-Dichloropropene
 Concen: 4.773 ug/l
 RT: 7.64 min Scan# 1824
 Delta R.T. -0.13 min
 Lab File: VN060999.D
 Acq: 16 Apr 2020 5:51

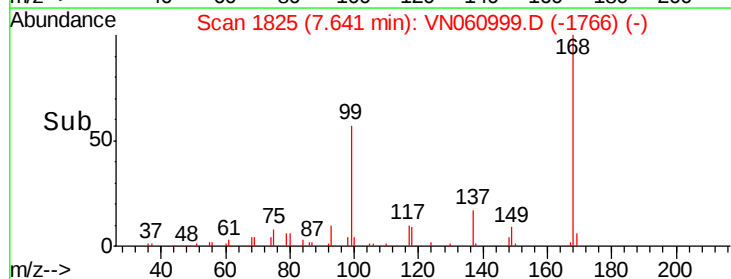
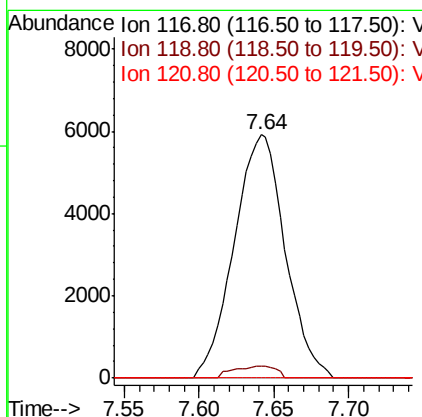
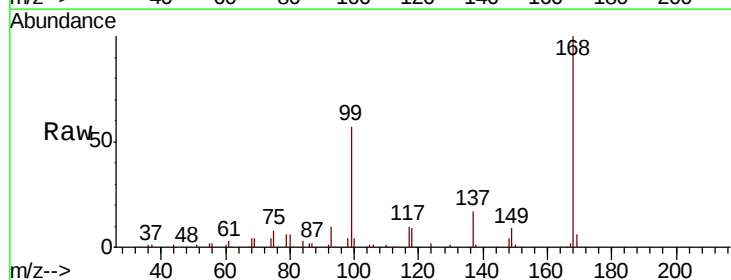
Instrument :
 MSVOA_N
 ClientSampled :

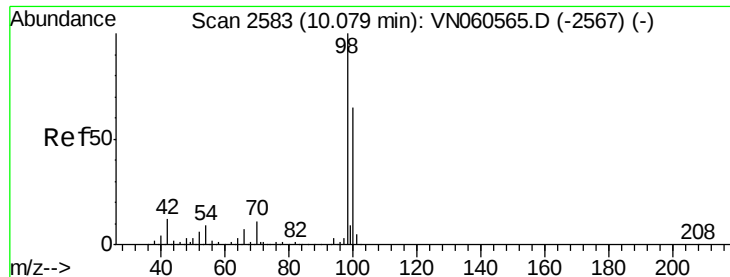
Tot Ion	75	Resp	11182
Ion Ratio	Lower	Upper	
75	100		
110	6.4	16.9	50.6#
77	0.0	24.6	36.8#



#38
 Carbon Tetrachloride
 Concen: 6.690 ug/l
 RT: 7.64 min Scan# 1825
 Delta R.T. -0.11 min
 Lab File: VN060999.D
 Acq: 16 Apr 2020 5:51

Tgt Ion	117	Resp	14046
Ion Ratio	Lower	Upper	
117	100		
119	5.1	76.2	114.2#
121	0.0	23.7	35.5#

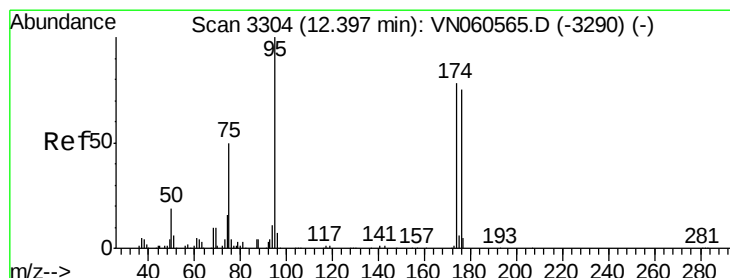
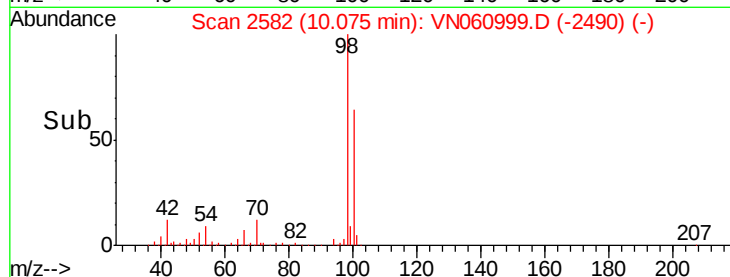
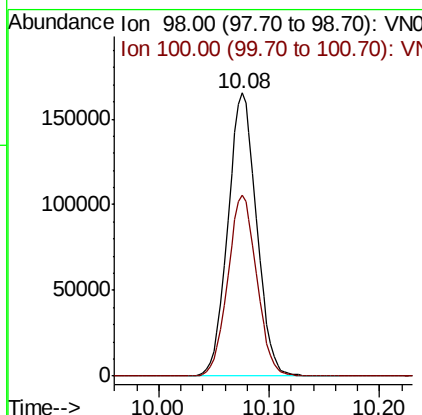
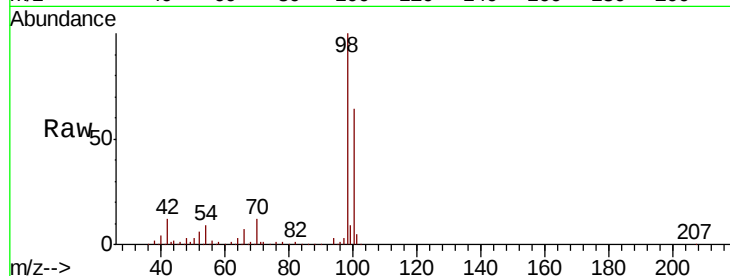




#50
Toluene-d8
Concen: 49.845 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN060999.D
Acq: 16 Apr 2020 5:51

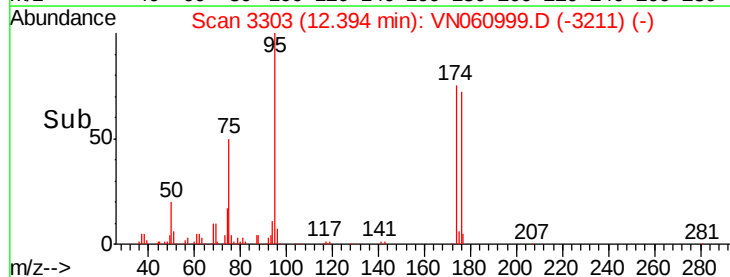
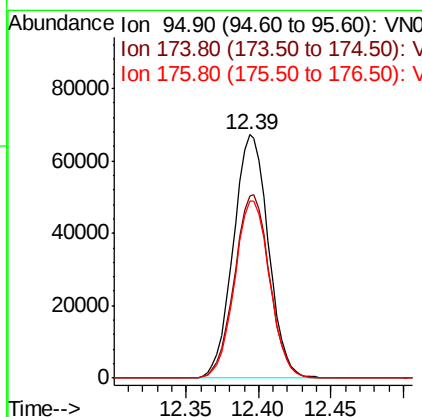
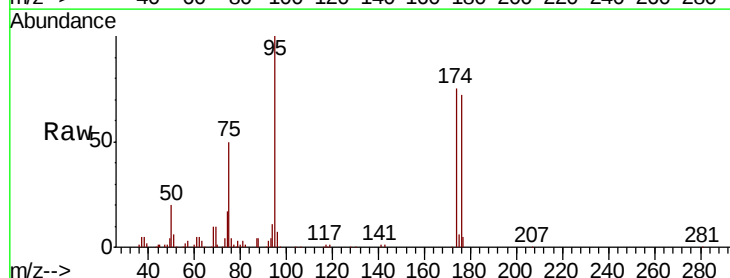
Instrument :
MSVOA_N
ClientSampled :

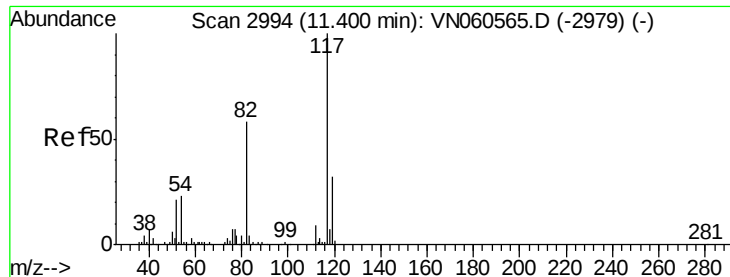
Tot Ion: 98 Resp: 297843
Ion Ratio Lower Upper
98 100
100 64.3 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 51.409 ug/l
RT: 12.39 min Scan# 3303
Delta R.T. -0.00 min
Lab File: VN060999.D
Acq: 16 Apr 2020 5:51

Tgt Ion: 95 Resp: 112581
Ion Ratio Lower Upper
95 100
174 75.7 0.0 157.6
176 73.0 0.0 150.6

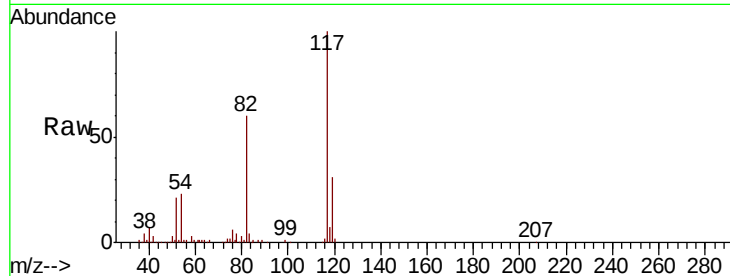




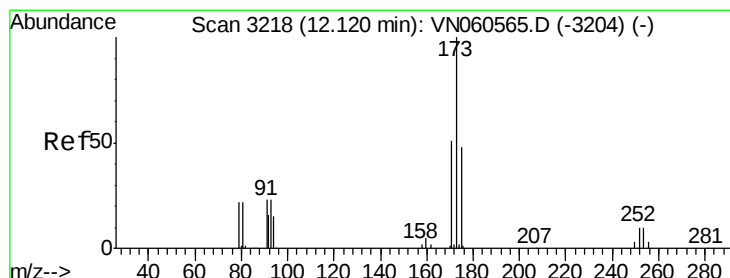
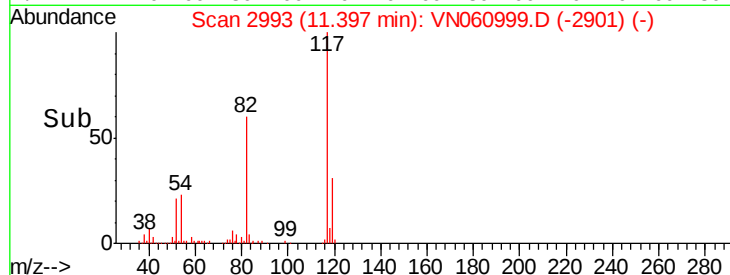
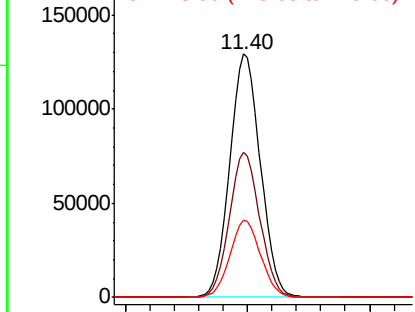
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2993
Delta R.T. -0.00 min
Lab File: VN060999.D
Acq: 16 Apr 2020 5:51

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 226122
Ion Ratio Lower Upper
117 100
82 59.8 46.7 70.1
119 31.5 25.5 38.3

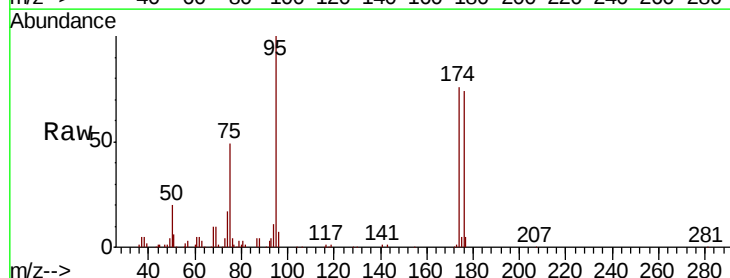


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

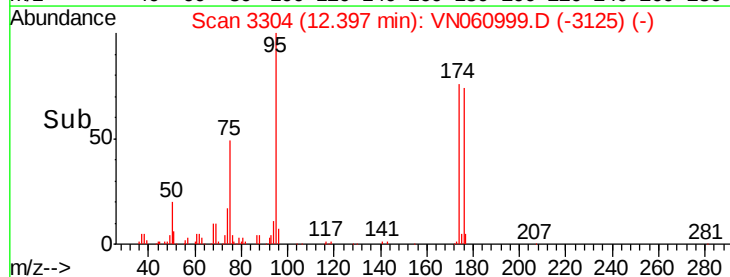
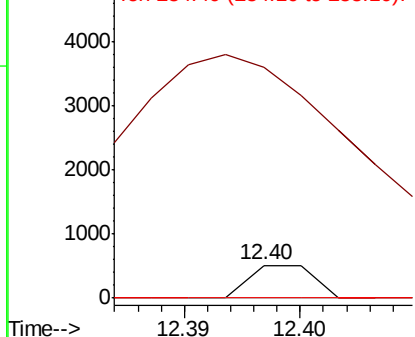


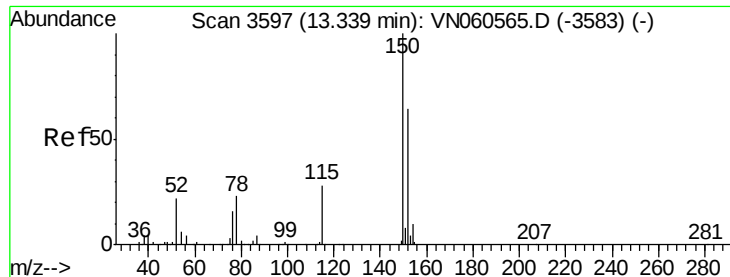
#71
Bromoform
Concen: 1.822 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.28 min
Lab File: VN060999.D
Acq: 16 Apr 2020 5:51

Tgt Ion:173 Resp: 197
Ion Ratio Lower Upper
173 100
175 2789.3 24.1 72.4#
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: 13.34 min Scan# 3596

Delta R.T. -0.00 min

Lab File: VN060999.D

Acq: 16 Apr 2020 5:51

Instrument :

MSVOA_N

ClientSampleId :

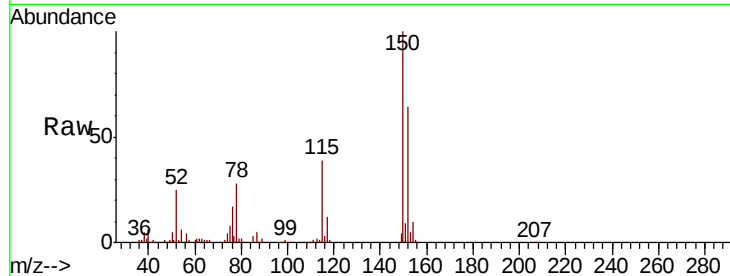
Tot Ion:152 Resp: 101996

Ion Ratio Lower Upper

152 100

115 61.0 30.2 90.6

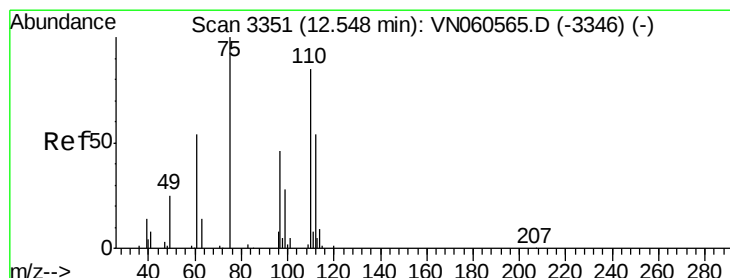
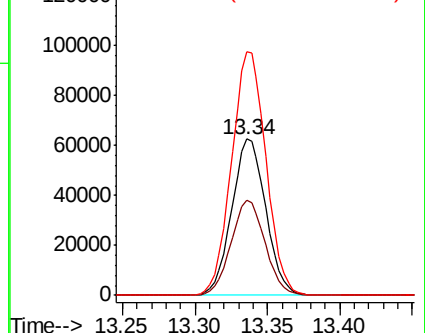
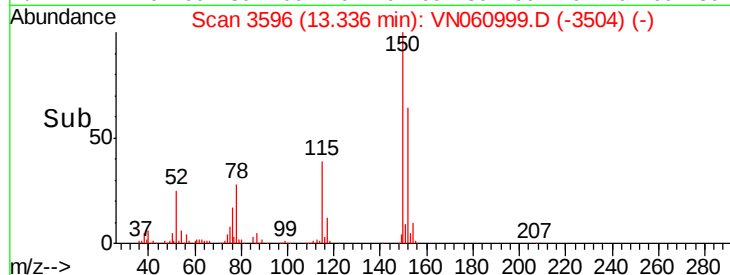
150 157.3 0.0 350.2



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: 25.757 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. -0.15 min

Lab File: VN060999.D

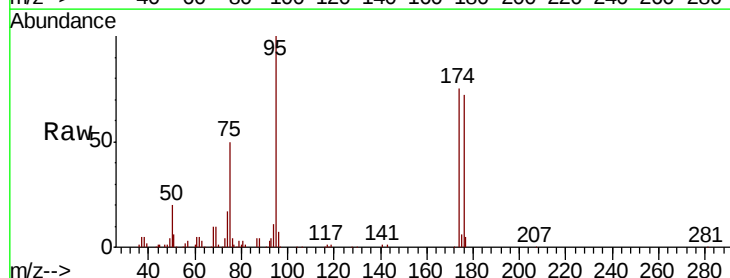
Acq: 16 Apr 2020 5:51

Tgt Ion: 75 Resp: 56688

Ion Ratio Lower Upper

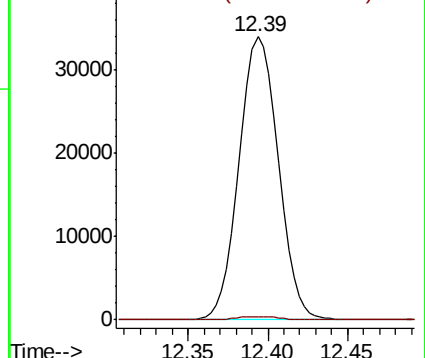
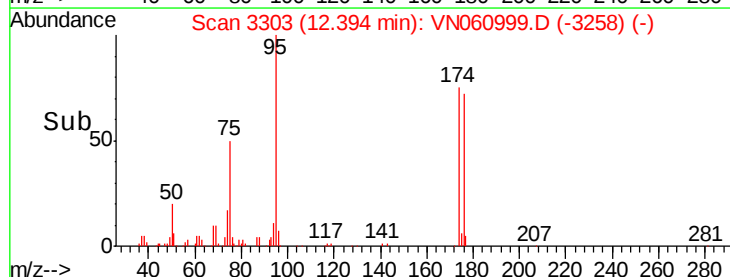
75 100

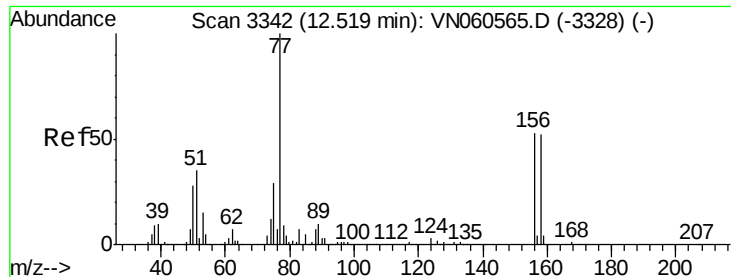
77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 0.816 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. 0.00 min

Lab File: VN060999.D

Acq: 16 Apr 2020 5:51

Instrument :

MSVOA_N

ClientSampled :

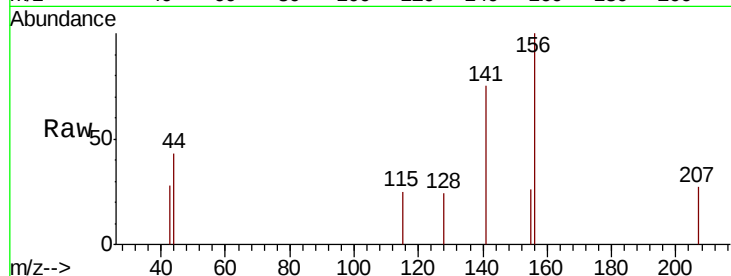
Tot Ion:156 Resp: 1505

Ion Ratio Lower Upper

156 100

77 0.0 112.3 337.0#

158 0.0 48.6 145.8#

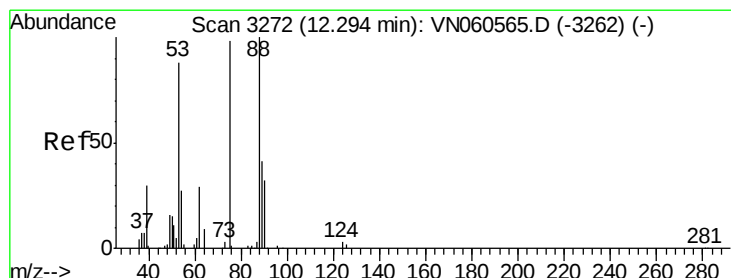
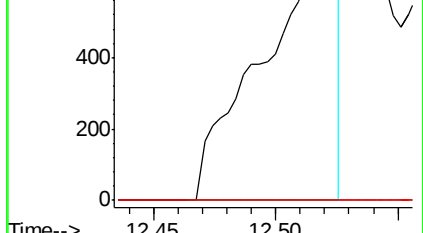
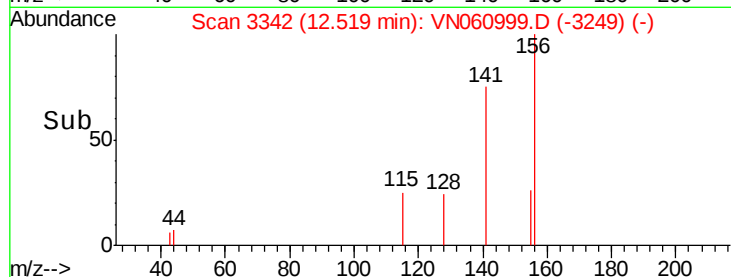


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VNO

Ion 157.80 (157.50 to 158.50): V

12.52



#81

trans-1,4-Dichloro-2-butene

Concen: 66.152 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. 0.10 min

Lab File: VN060999.D

Acq: 16 Apr 2020 5:51

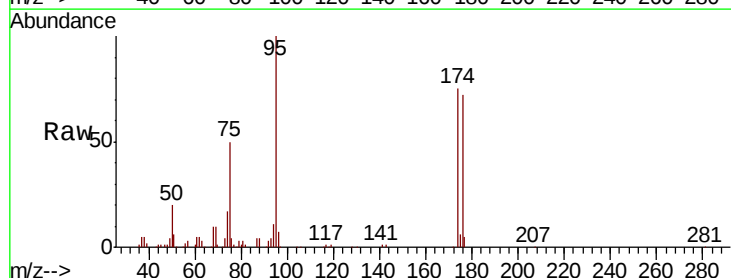
Tgt Ion: 75 Resp: 56688

Ion Ratio Lower Upper

75 100

53 0.0 73.0 109.4#

89 0.0 34.8 52.2#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

12.39

