

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041720\
 Data File : VN061059.D
 Acq On : 17 Apr 2020 18:25
 Operator : JC/MD
 Sample : L2337-11
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 20 01:33:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041620W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 17 03:49:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	138584	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	235183	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	222559	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	96846	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	95087	53.63	ug/l	0.00
Spiked Amount			Recovery	=	107.26%	
35) Dibromofluoromethane	7.56	113	71593	52.13	ug/l	0.00
Spiked Amount			Recovery	=	104.26%	
50) Toluene-d8	10.08	98	294543	56.75	ug/l	0.00
Spiked Amount			Recovery	=	113.50%	
62) 4-Bromofluorobenzene	12.40	95	107298	52.75	ug/l	0.00
Spiked Amount			Recovery	=	105.50%	

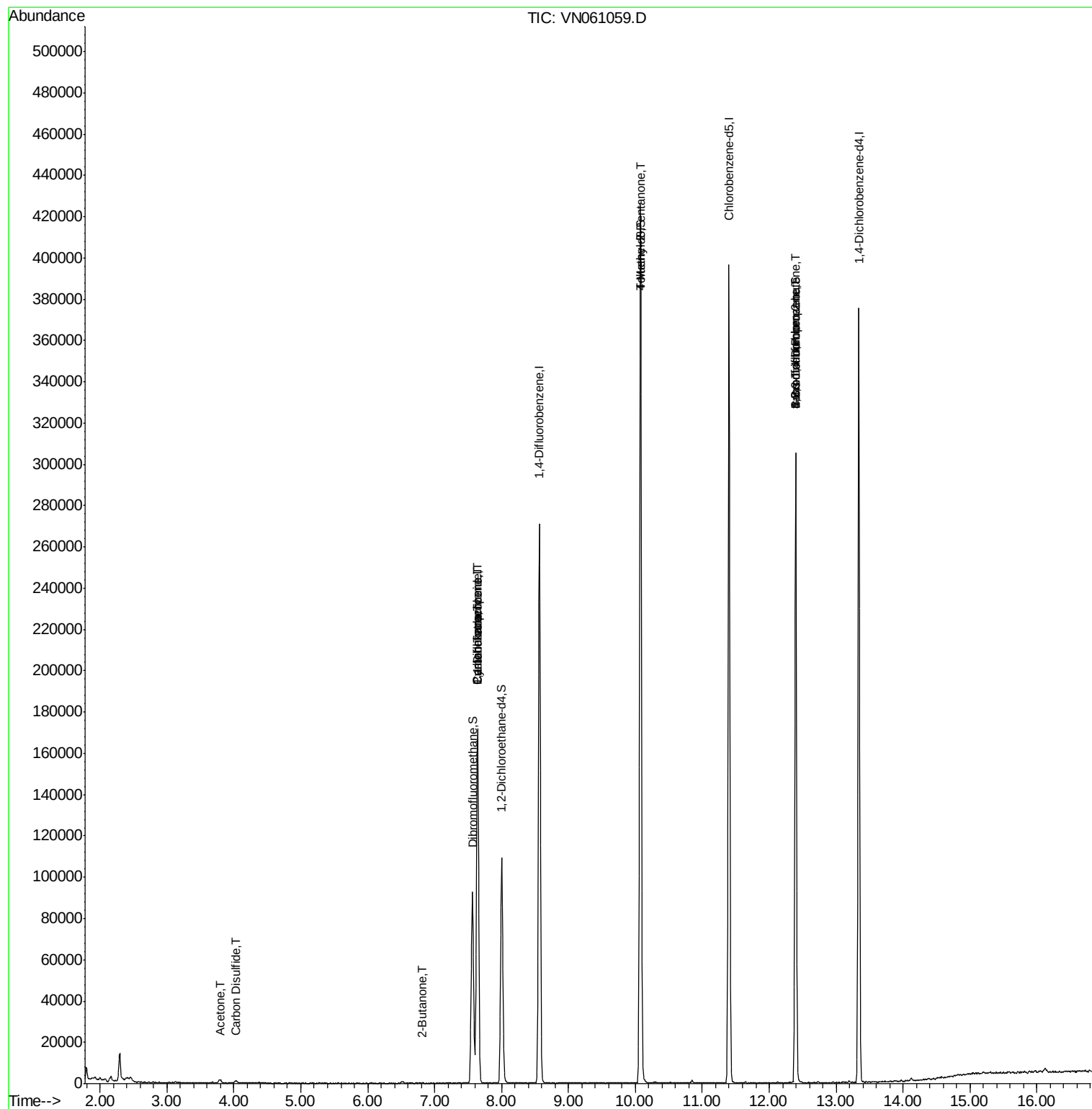
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.79	43	3420	4.382	ug/l	89
17) Carbon Disulfide	4.03	76	1845	0.389	ug/l #	74
25) 2-Butanone	6.81	43	373	0.312	ug/l #	51
31) Cyclohexane	7.64	56	3331	1.009	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	11421	4.706	ug/l #	49
38) Carbon Tetrachloride	7.64	117	13167	6.518	ug/l #	15
51) 4-Methyl-2-Pentanone	10.08	43	1429	0.578	ug/l #	1
71) Bromoform	12.39	173	290	0.236	ug/l #	1
76) 1,2,3-Trichloropropane	12.39	75	54854	25.750	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.39	75	54854	63.516	ug/l #	12

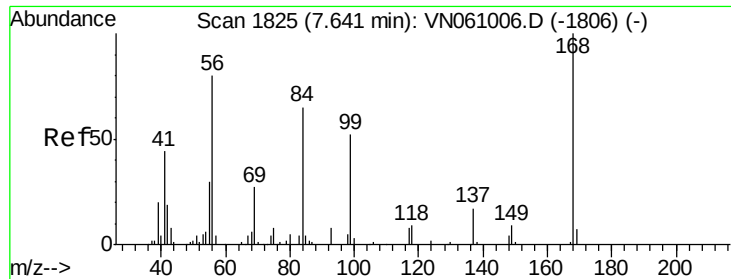
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Apr 17 03:49:39 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: VN061059.D

Acq: 17 Apr 2020 18:25

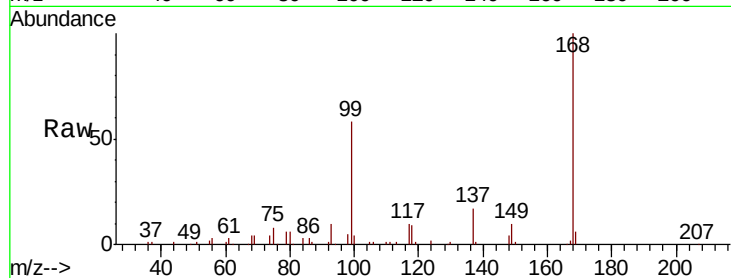
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 138584

Ion Ratio Lower Upper

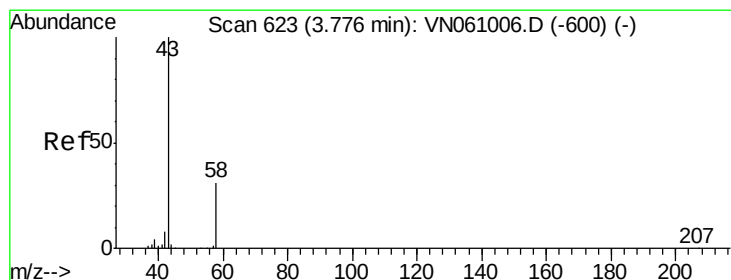
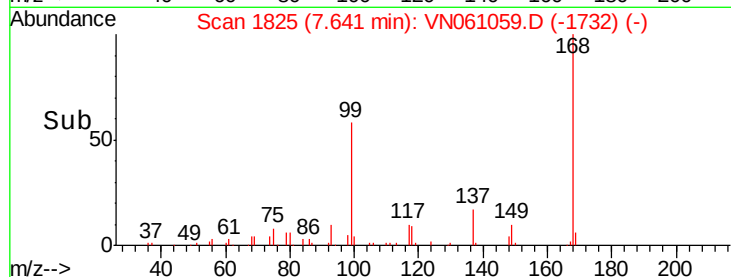
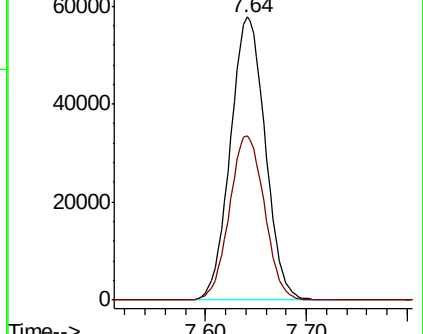
168 100

99 58.2 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 4.382 ug/l

RT: 3.79 min Scan# 627

Delta R.T. 0.01 min

Lab File: VN061059.D

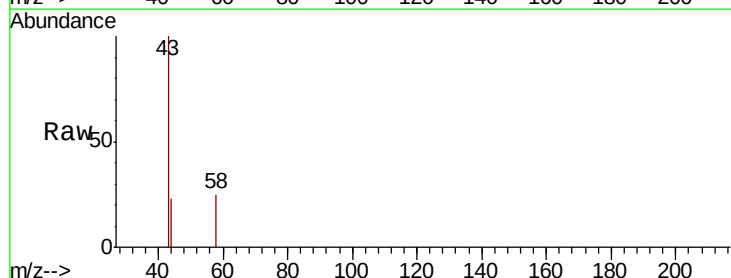
Acq: 17 Apr 2020 18:25

Tgt Ion: 43 Resp: 3420

Ion Ratio Lower Upper

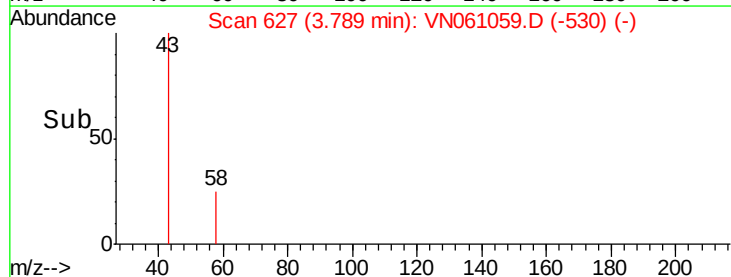
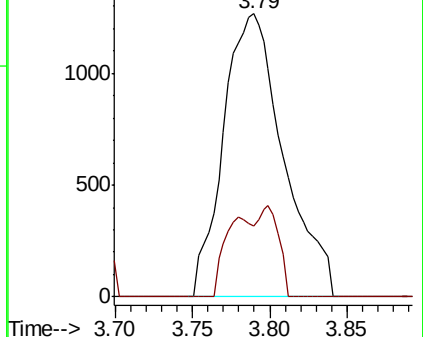
43 100

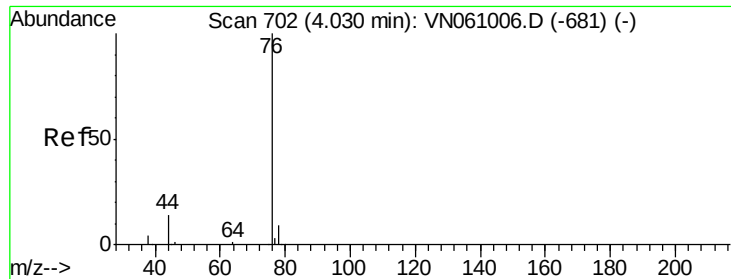
58 24.9 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN





#17

Carbon Disulfide

Concen: 0.389 ug/l

RT: 4.03 min Scan# 702

Delta R.T. 0.00 min

Lab File: VN061059.D

Acq: 17 Apr 2020 18:25

Instrument :

MSVOA_N

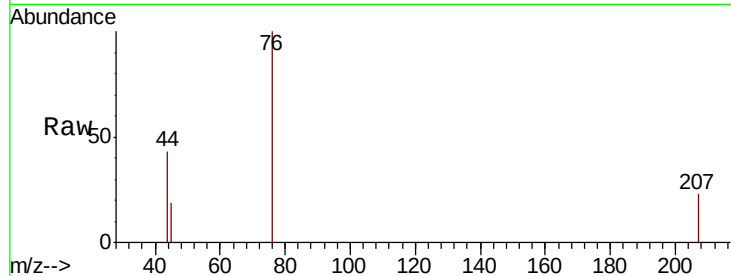
ClientSampled :

Tot Ion: 76 Resp: 1845

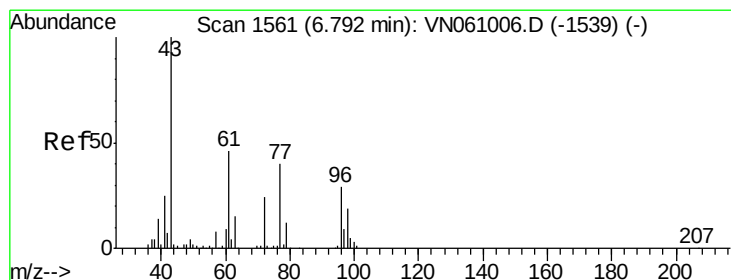
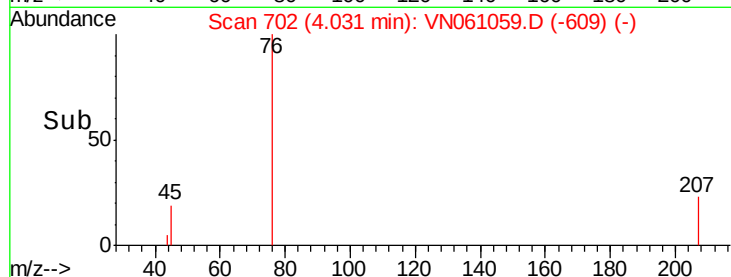
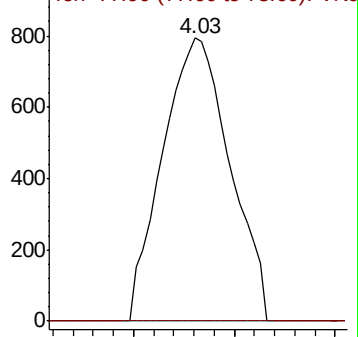
Ion Ratio Lower Upper

76 100

78 0.0 7.6 11.4#



Abundance Ion 75.90 (75.60 to 76.60): VN061006.D (-681) (-)



#25

2-Butanone

Concen: 0.312 ug/l

RT: 6.81 min Scan# 1566

Delta R.T. 0.02 min

Lab File: VN061059.D

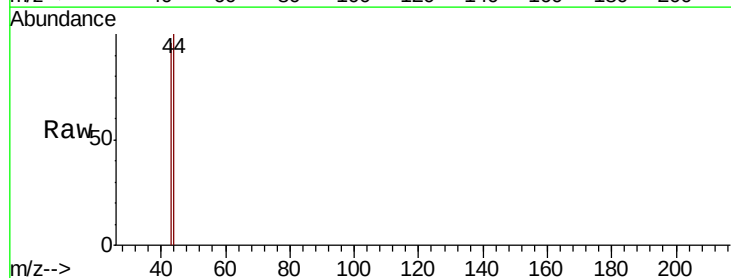
Acq: 17 Apr 2020 18:25

Tgt Ion: 43 Resp: 373

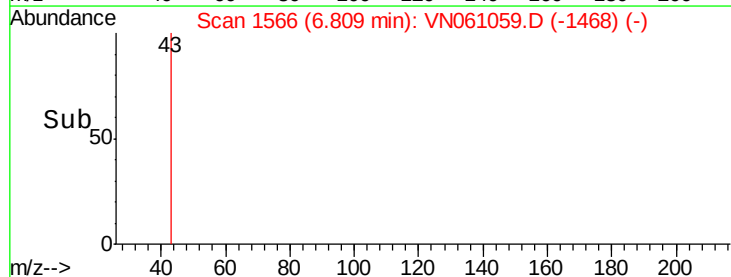
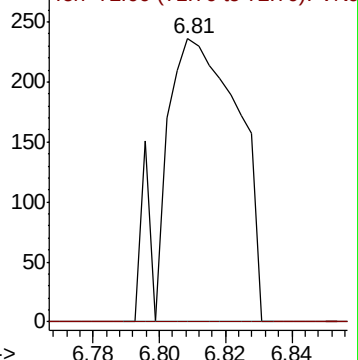
Ion Ratio Lower Upper

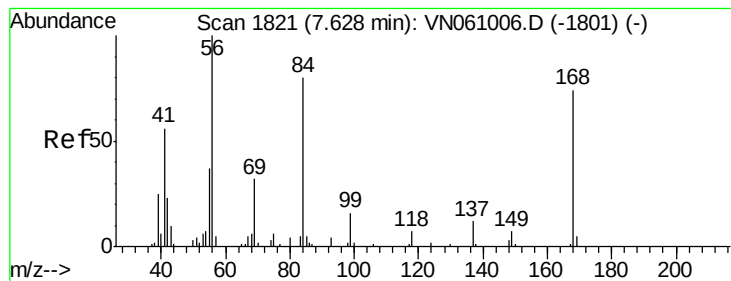
43 100

72 0.0 19.6 29.4#



Abundance Ion 43.00 (42.70 to 43.70): VN061006.D (-1539) (-)





#31

Cyclohexane

Concen: 1.009 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.01 min

Lab File: VN061059.D

Acq: 17 Apr 2020 18:25

Instrument :
MSVOA_N
ClientSampled :

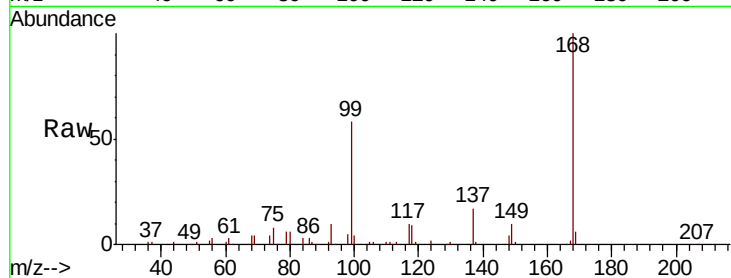
Tot Ion: 56 Resp: 3331

Ion Ratio Lower Upper

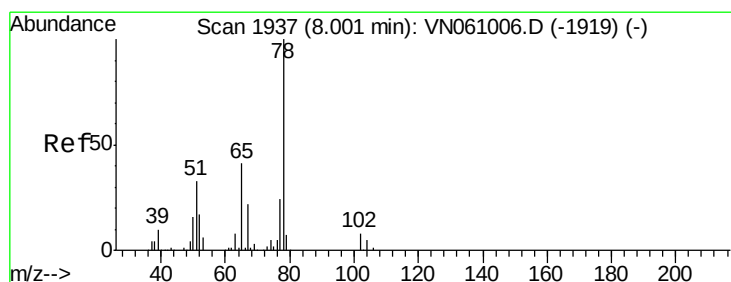
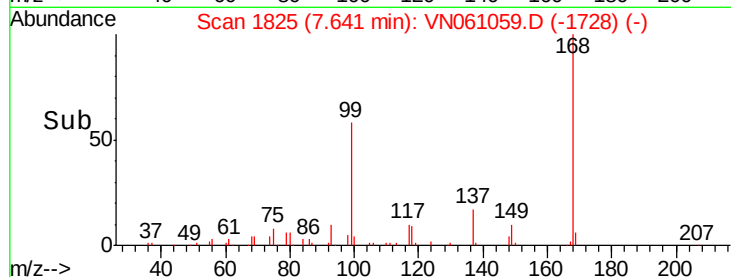
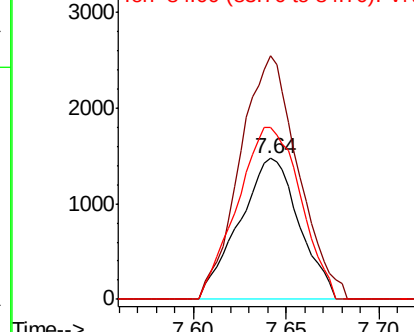
56 100

69 172.7 25.6 38.4#

84 122.3 63.4 95.2#



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: 53.628 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VN061059.D

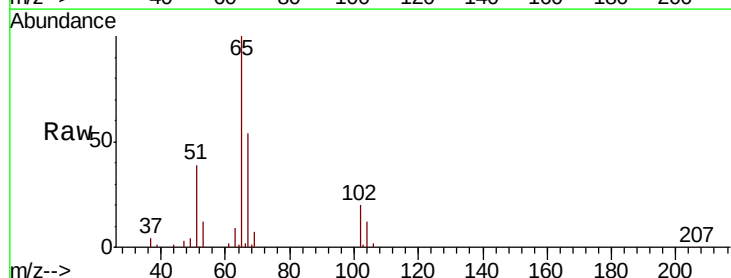
Acq: 17 Apr 2020 18:25

Tgt Ion: 65 Resp: 95087

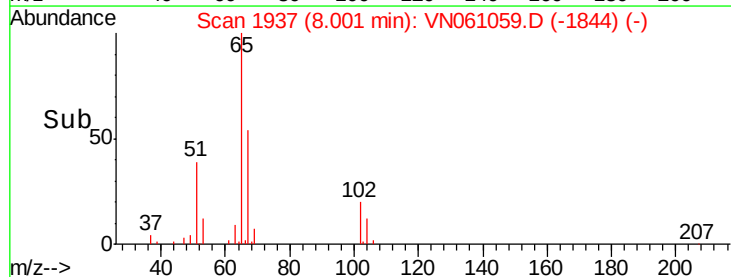
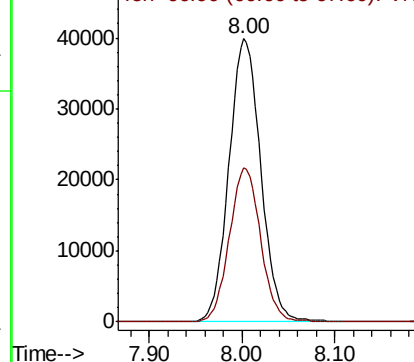
Ion Ratio Lower Upper

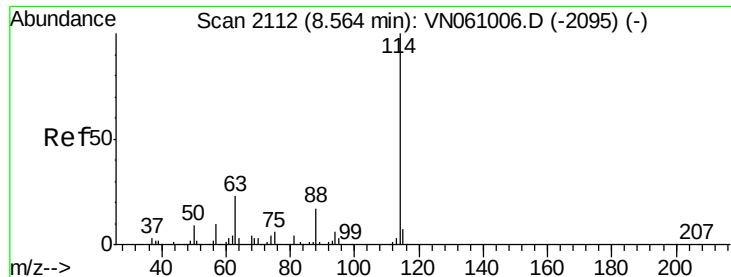
65 100

67 53.2 0.0 107.0



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

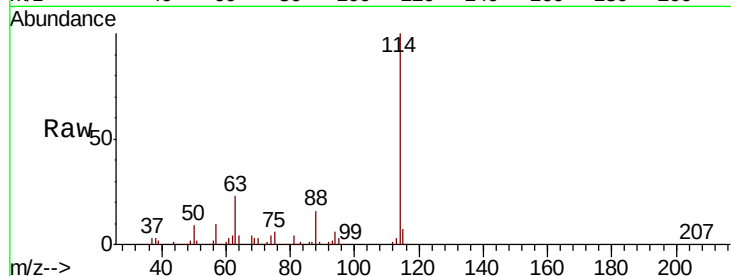




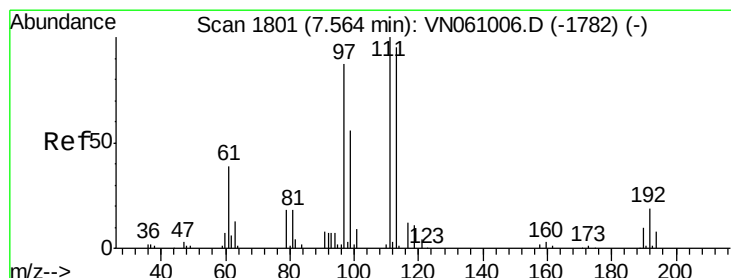
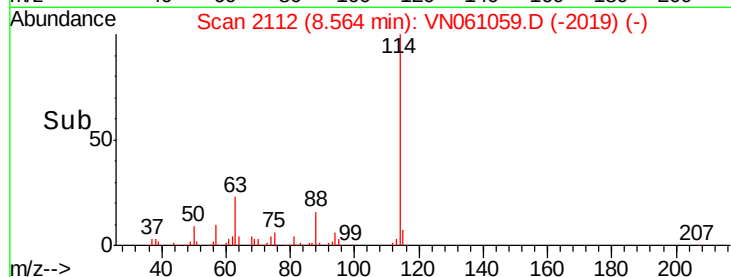
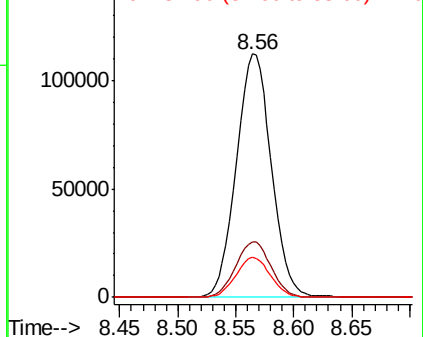
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. 0.00 min
 Lab File: VN061059.D
 Acq: 17 Apr 2020 18:25

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.8	0.0	46.2
88	16.4	0.0	33.4

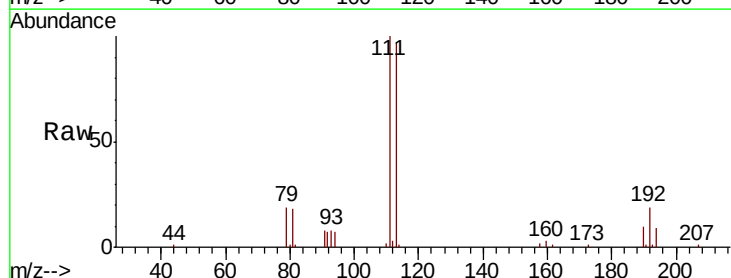


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

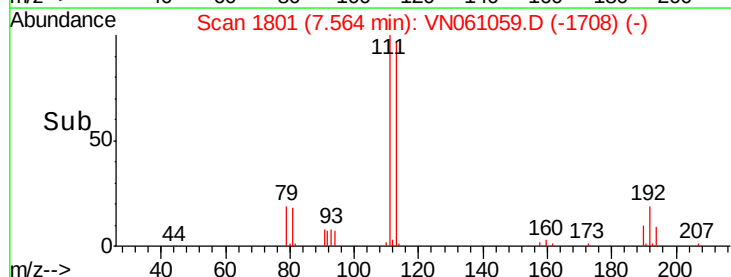
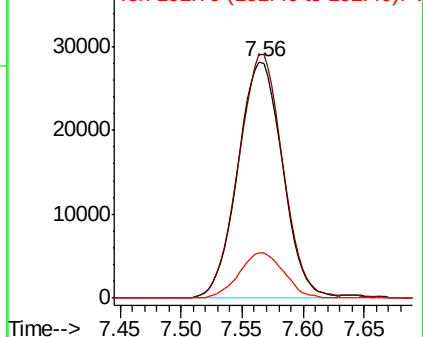


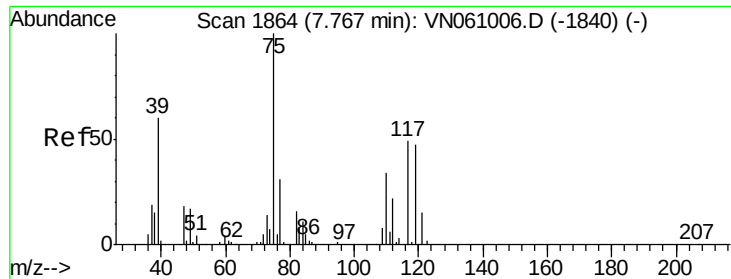
#35
 Dibromofluoromethane
 Concen: 52.127 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: VN061059.D
 Acq: 17 Apr 2020 18:25

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.2	83.4	125.2
192	19.2	15.5	23.3



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

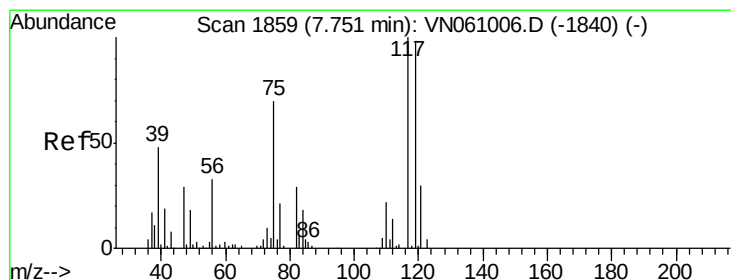
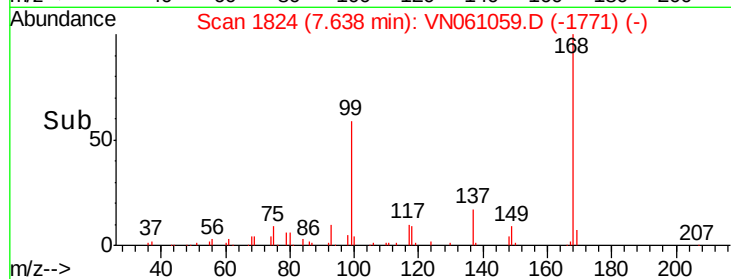
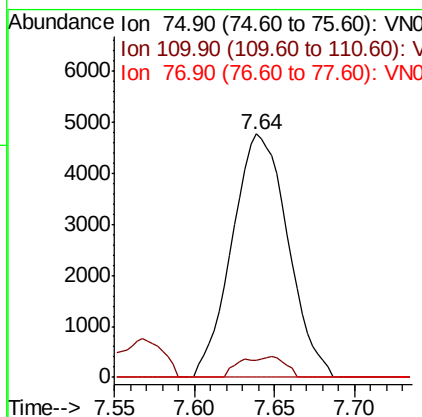
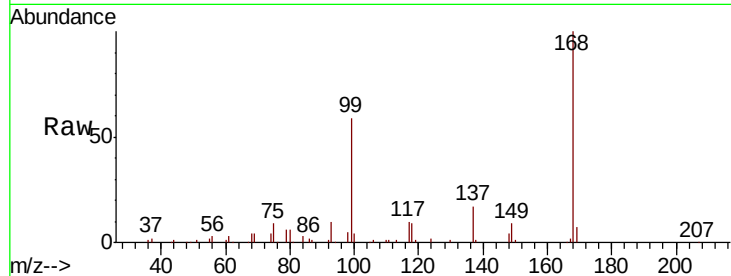




#36
 1,1-Dichloropropene
 Concen: 4.706 ug/l
 RT: 7.64 min Scan# 1824
 Delta R.T. -0.13 min
 Lab File: VN061059.D
 Acq: 17 Apr 2020 18:25

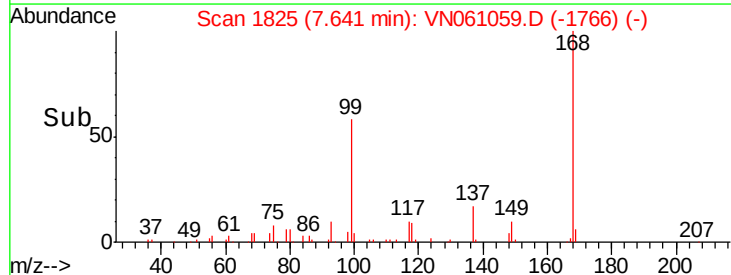
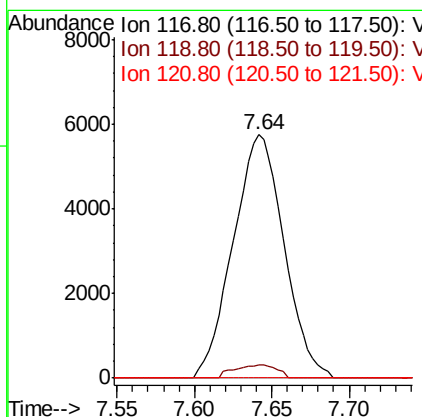
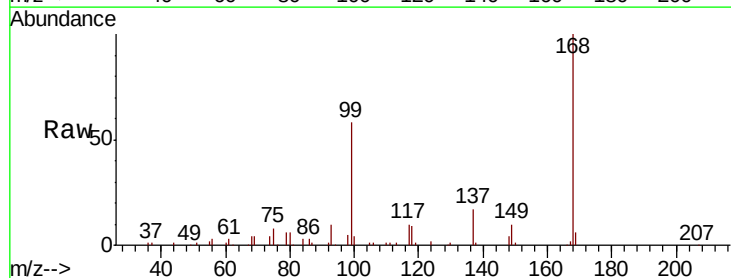
Instrument :
 MSVOA_N
 ClientSampled :

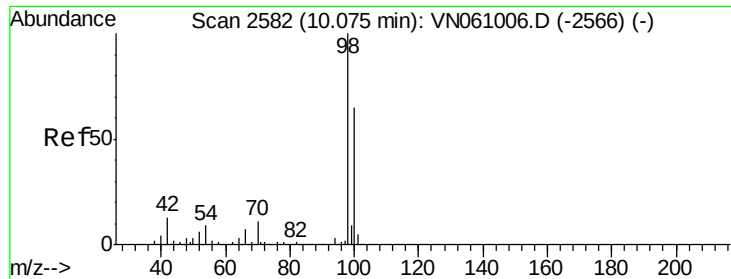
Tot Ion	75	Resp	11421
Ion Ratio	100	Lower	Upper
75	100		
110	6.7	16.8	50.3#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 6.518 ug/l
 RT: 7.64 min Scan# 1825
 Delta R.T. -0.11 min
 Lab File: VN061059.D
 Acq: 17 Apr 2020 18:25

Tgt Ion	117	Resp	13167
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
117	100		
119	5.2	78.1	117.1#
121	0.0	24.0	36.0#

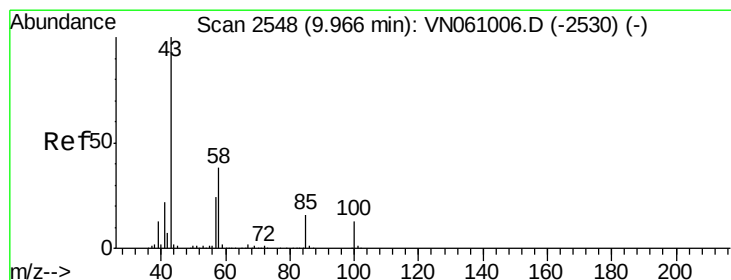
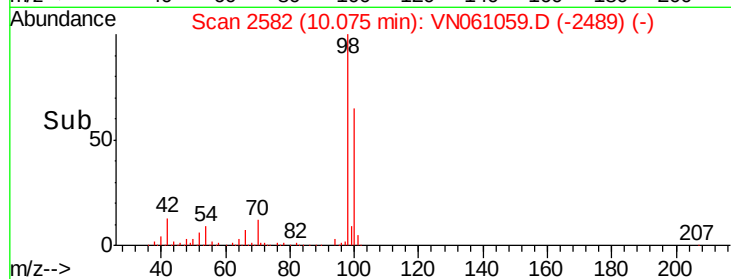
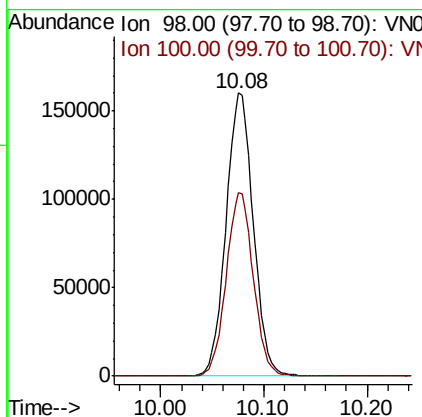
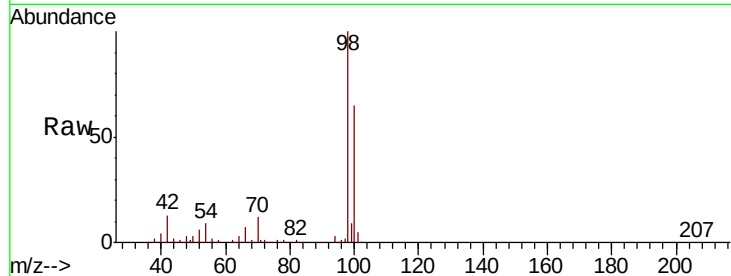




#50
Toluene-d8
Concen: 56.753 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. 0.00 min
Lab File: VN061059.D
Acq: 17 Apr 2020 18:25

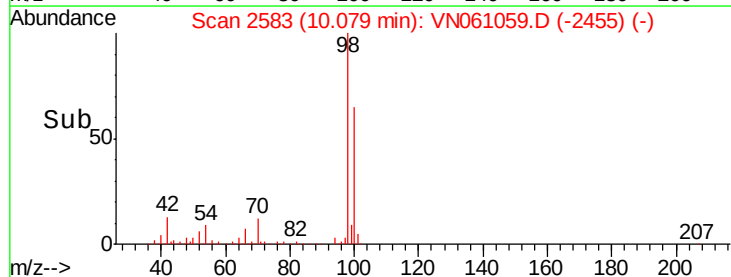
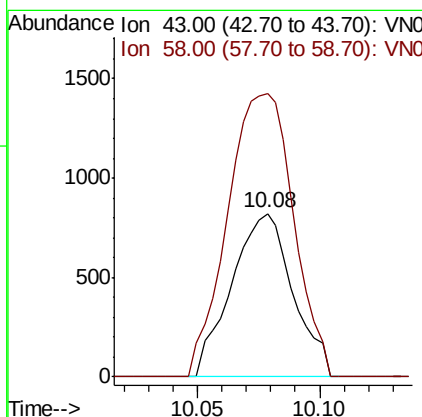
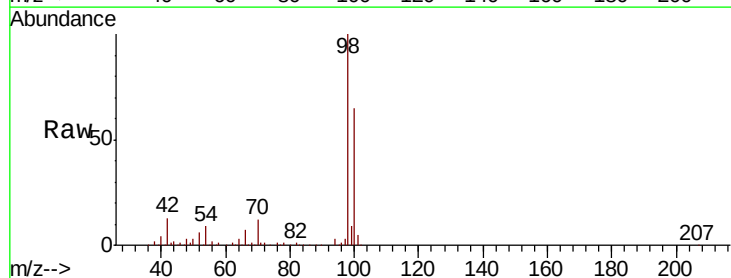
Instrument :
MSVOA_N
ClientSampleId :

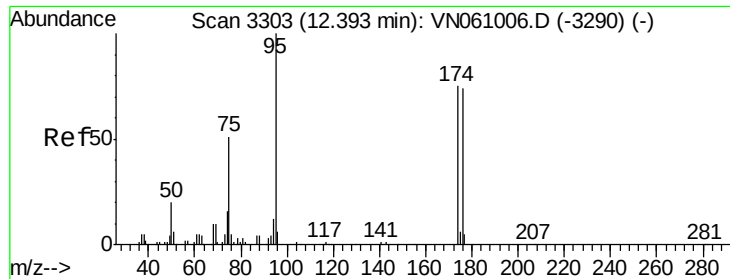
Tot Ion: 98 Resp: 294543
Ion Ratio Lower Upper
98 100
100 64.5 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.578 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. 0.11 min
Lab File: VN061059.D
Acq: 17 Apr 2020 18:25

Tgt Ion: 43 Resp: 1429
Ion Ratio Lower Upper
43 100
58 186.8 30.3 45.5#





#62

4-Bromofluorobenzene

Concen: 52.750 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN061059.D

Acq: 17 Apr 2020 18:25

Instrument :

MSVOA_N

ClientSampleId :

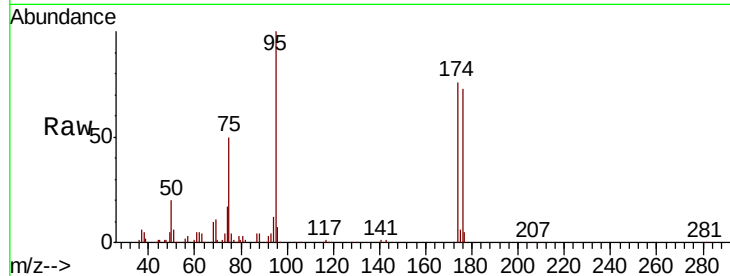
Tot Ion: 95 Resp: 107298

Ion Ratio Lower Upper

95 100

174 76.4 0.0 151.2

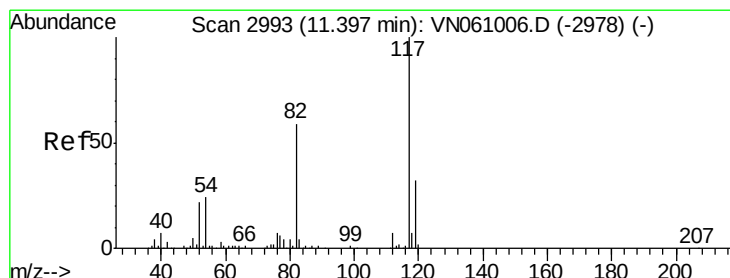
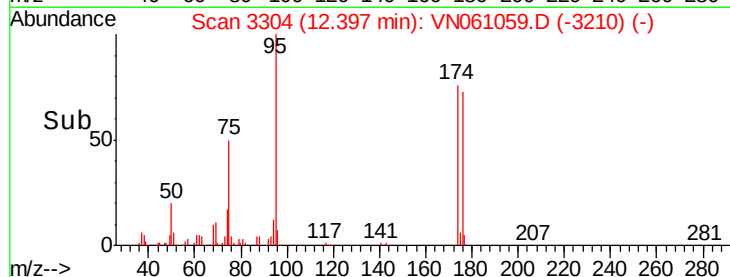
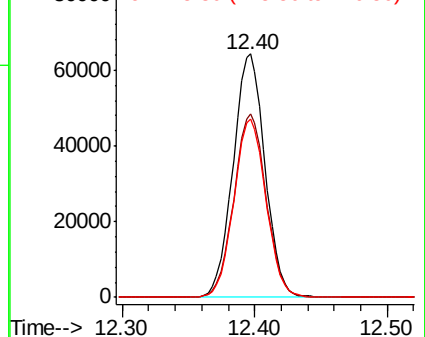
176 73.6 0.0 148.2



Abundance Ion 94.90 (94.60 to 95.60): VN061006.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN061006.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN061006.D (-3290) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2993

Delta R.T. 0.00 min

Lab File: VN061059.D

Acq: 17 Apr 2020 18:25

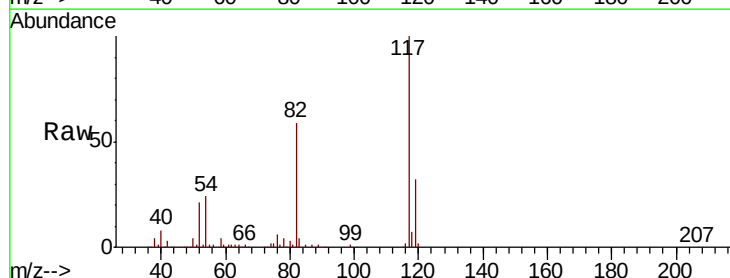
Tgt Ion: 117 Resp: 222559

Ion Ratio Lower Upper

117 100

82 58.7 47.1 70.7

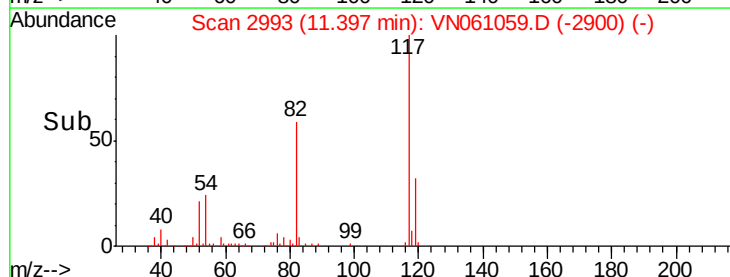
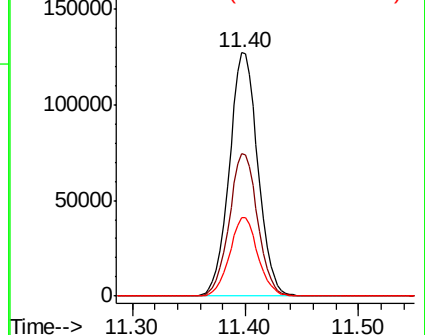
119 32.1 25.7 38.5

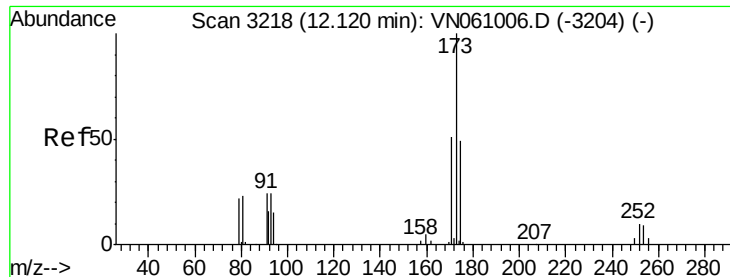


Abundance Ion 116.90 (116.60 to 117.60): VN061006.D (-2978) (-)

Ion 82.00 (81.70 to 82.70): VN061006.D (-2978) (-)

Ion 118.90 (118.60 to 119.60): VN061006.D (-2978) (-)

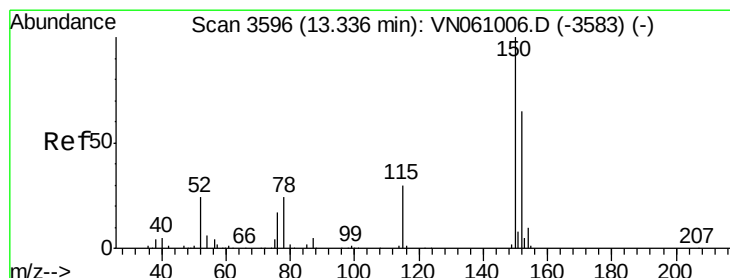
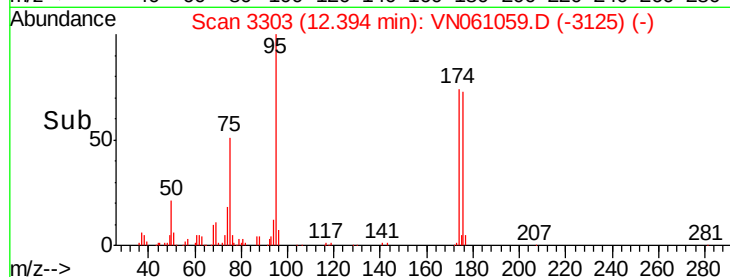
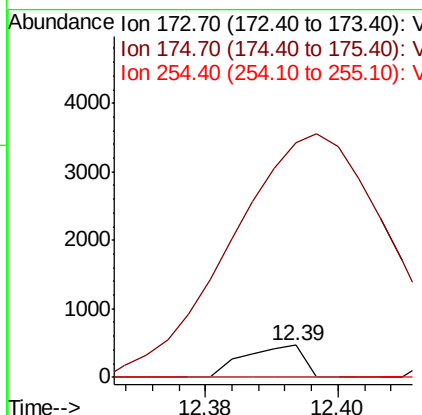
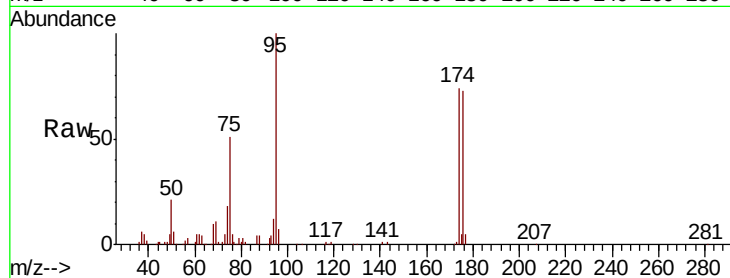




#71
Bromoform
Concen: 0.236 ug/l
RT: 12.39 min Scan# 3303
Delta R.T. 0.27 min
Lab File: VN061059.D
Acq: 17 Apr 2020 18:25

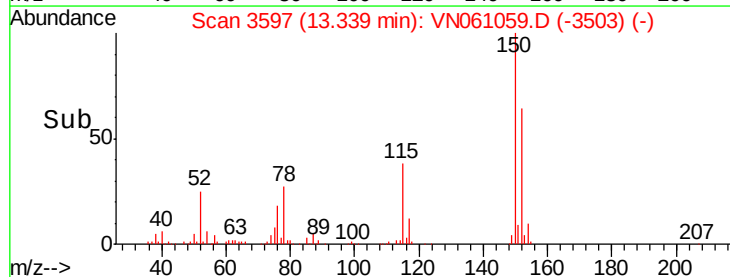
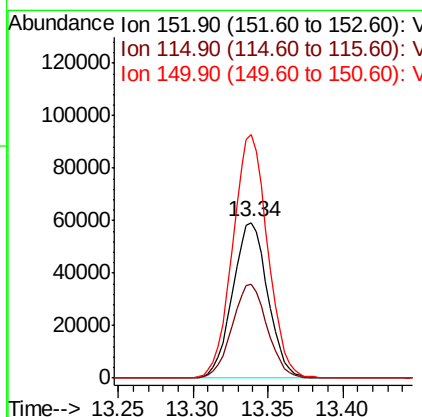
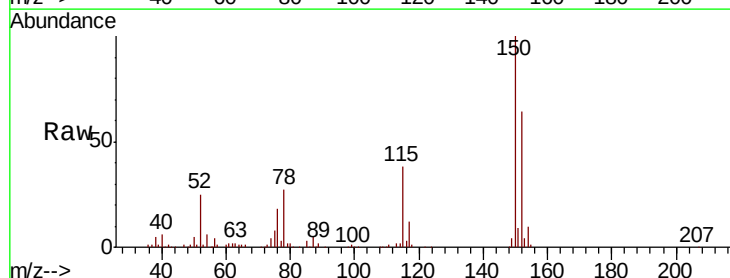
Instrument :
MSVOA_N
ClientSampled :

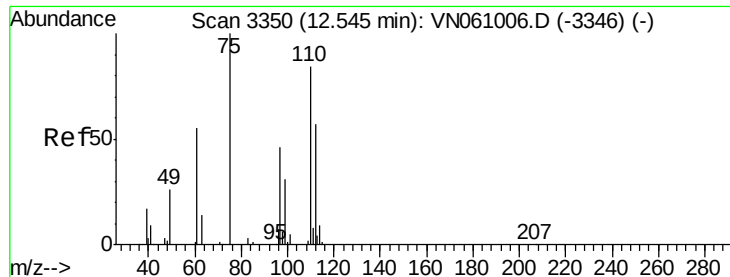
Tot Ion:173 Resp: 290
Ion Ratio Lower Upper
173 100
175 1766.9 24.5 73.5#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN061059.D
Acq: 17 Apr 2020 18:25

Tgt Ion:152 Resp: 96846
Ion Ratio Lower Upper
152 100
115 60.1 30.8 92.4
150 155.9 0.0 349.0





#76

1,2,3-Trichloropropane

Concen: 25.750 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. -0.15 min

Lab File: VN061059.D

Acq: 17 Apr 2020 18:25

Instrument :

MSVOA_N

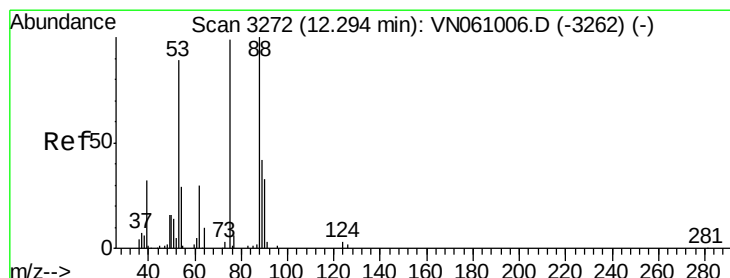
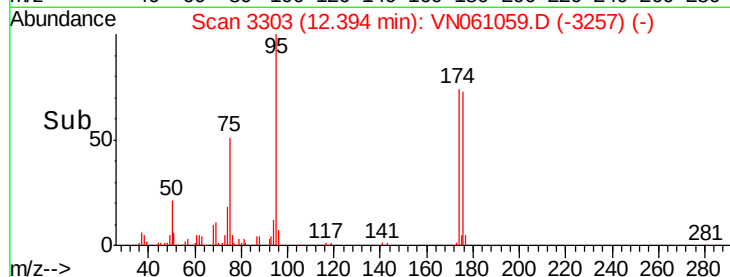
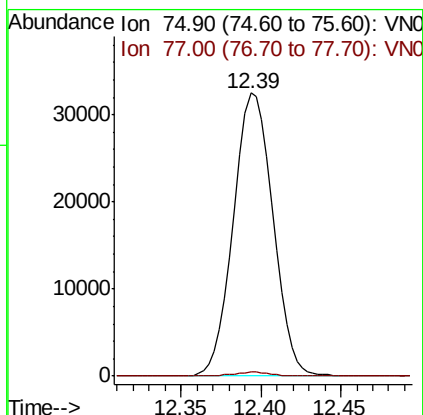
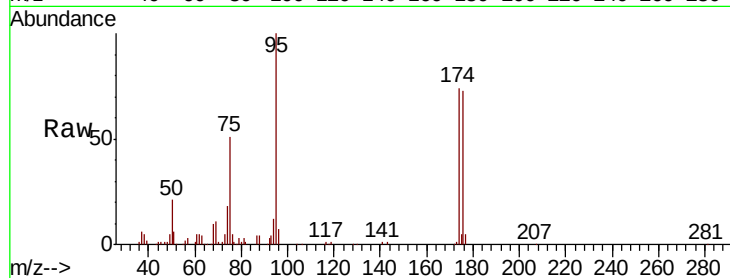
ClientSampleId :

Tot Ion: 75 Resp: 54854

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 63.516 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. 0.10 min

Lab File: VN061059.D

Acq: 17 Apr 2020 18:25

Tgt Ion: 75 Resp: 54854

Ion Ratio Lower Upper

75 100

53 0.0 74.7 112.1#

89 0.0 34.6 52.0#

