

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042020\
 Data File : VN061109.D
 Acq On : 20 Apr 2020 18:08
 Operator : JC/MD
 Sample : L2330-17
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 21 04:01:28 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	145394	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	252078	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	237687	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	103565	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	101137	54.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.74%	
35) Dibromofluoromethane	7.56	113	76697	52.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.20%	
50) Toluene-d8	10.08	98	314406	56.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.04%	
62) 4-Bromofluorobenzene	12.40	95	113926	52.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.50%	

Target Compounds

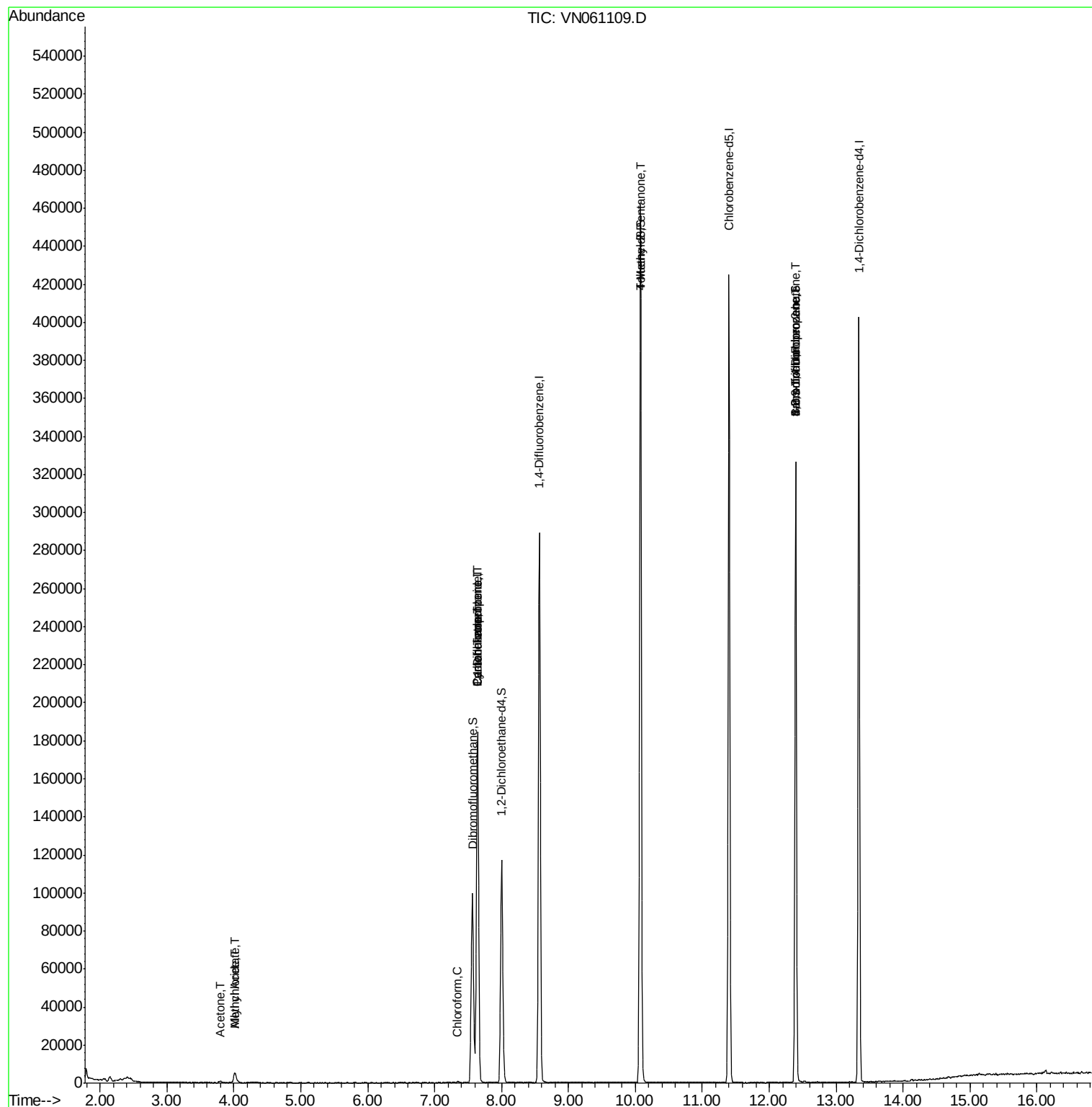
					Qvalue	
14) Allyl chloride	4.01	41	629	0.209	ug/l #	23
16) Acetone	3.78	43	1581	1.931	ug/l #	44
18) Methyl Acetate	4.01	43	2183	0.850	ug/l #	54
30) Chloroform	7.35	83	698	0.222	ug/l	98
31) Cyclohexane	7.64	56	3155	0.910	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	12429	4.778	ug/l #	49
38) Carbon Tetrachloride	7.64	117	14230	6.572	ug/l #	15
51) 4-Methyl-2-Pentanone	10.08	43	1476	0.557	ug/l #	1
71) Bromoform	12.40	173	427	0.326	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	57969	25.447	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	57969	62.768	ug/l #	12

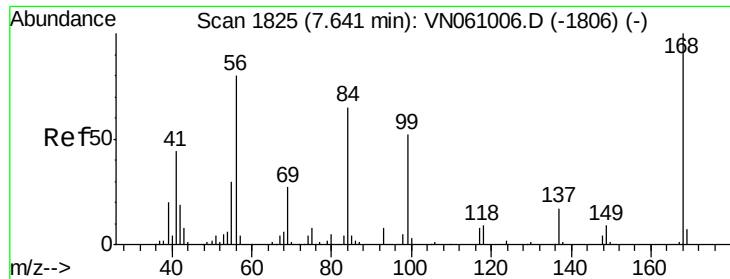
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN042020\
Data File : VN061109.D
Acq On : 20 Apr 2020 18:08
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Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampled :

Quant Time: Apr 21 04:01:28 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N041620W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 17 03:49:39 2020
Response via : Initial Calibration

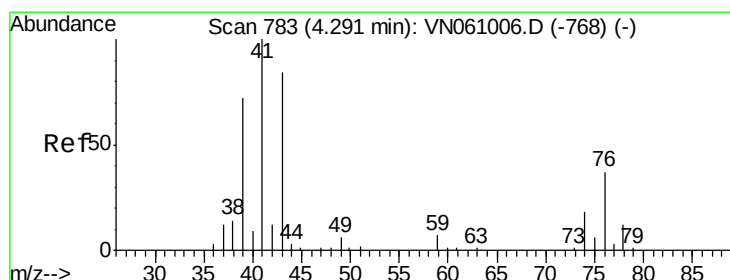
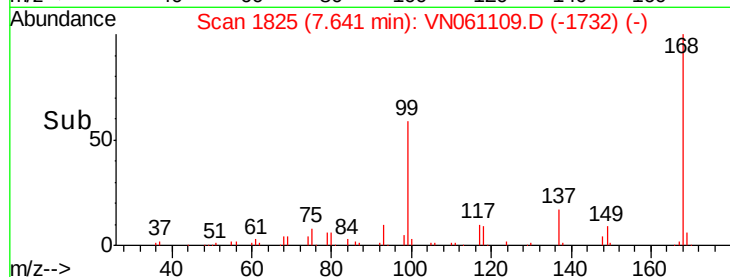
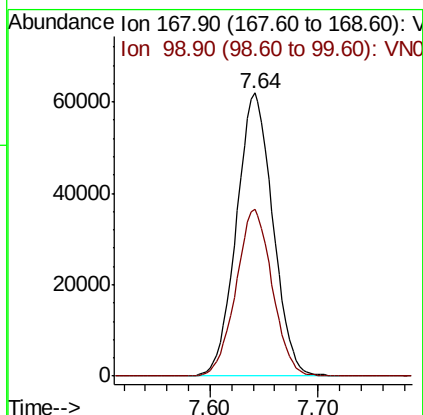
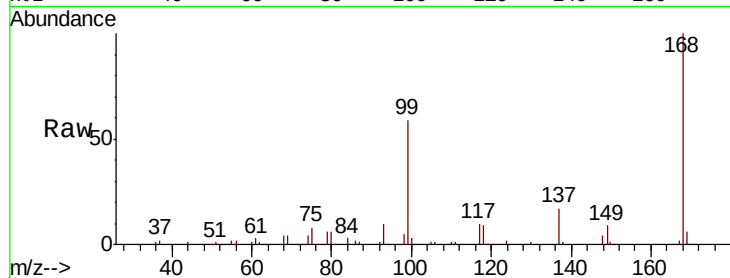




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.64 min Scan# 1825
Delta R.T. 0.00 min
Lab File: VN061109.D
Acq: 20 Apr 2020 18:08

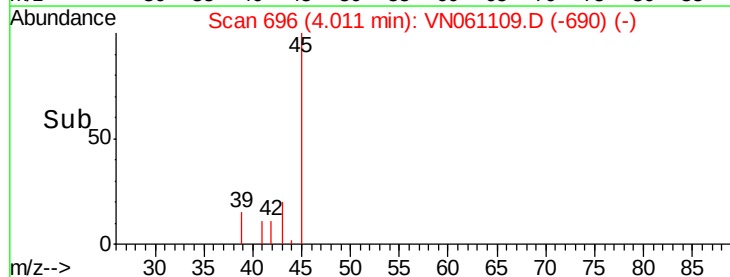
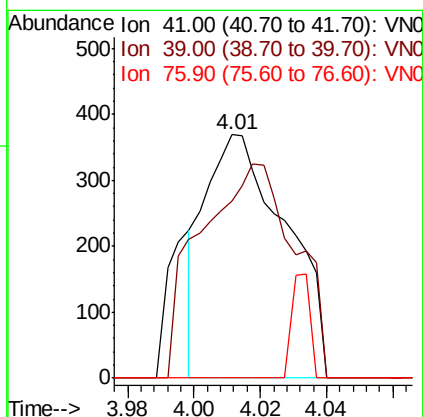
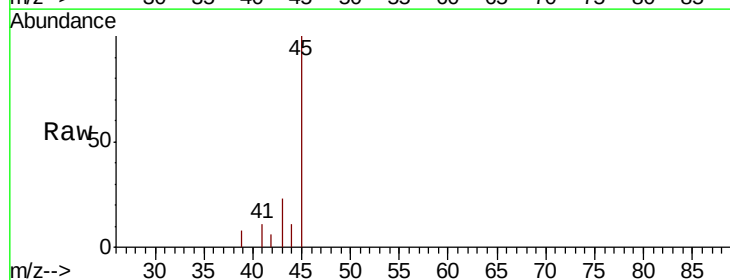
Instrument :
MSVOA_N
ClientSampleId :

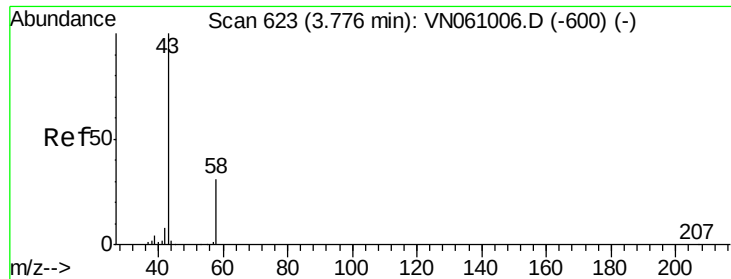
Tot Ion:168 Resp: 145394
Ion Ratio Lower Upper
168 100
99 58.9 47.4 71.2



#14
Allyl chloride
Concen: 0.209 ug/l
RT: 4.01 min Scan# 696
Delta R.T. -0.28 min
Lab File: VN061109.D
Acq: 20 Apr 2020 18:08

Tgt Ion: 41 Resp: 629
Ion Ratio Lower Upper
41 100
39 0.0 56.3 84.5#
76 0.0 27.7 41.5#





#16

Acetone

Concen: 1.931 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.01 min

Lab File: VN061109.D

Acq: 20 Apr 2020 18:08

Instrument :

MSVOA_N

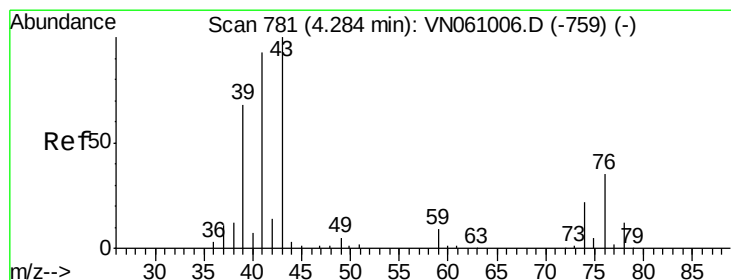
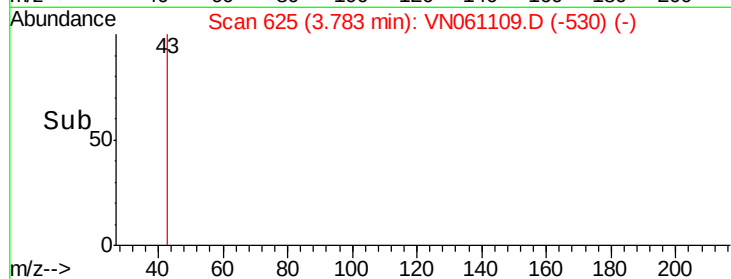
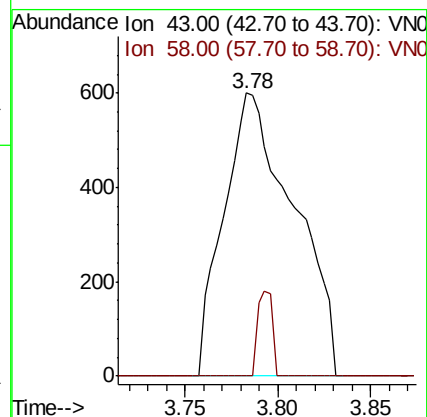
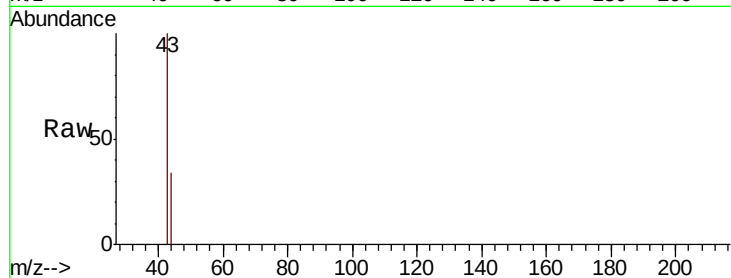
ClientSampled :

Tot Ion: 43 Resp: 1581

Ion Ratio Lower Upper

43 100

58 0.0 24.6 37.0#



#18

Methyl Acetate

Concen: 0.850 ug/l

RT: 4.01 min Scan# 695

Delta R.T. -0.28 min

Lab File: VN061109.D

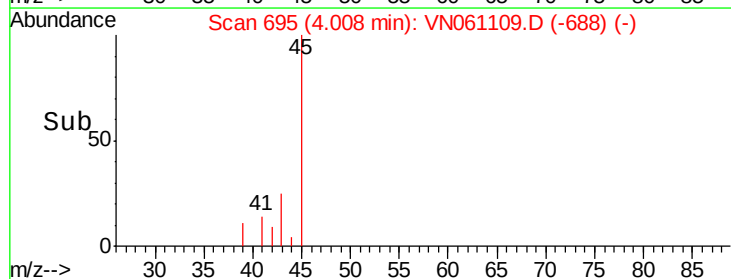
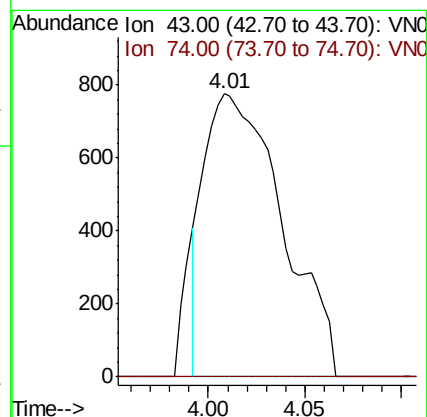
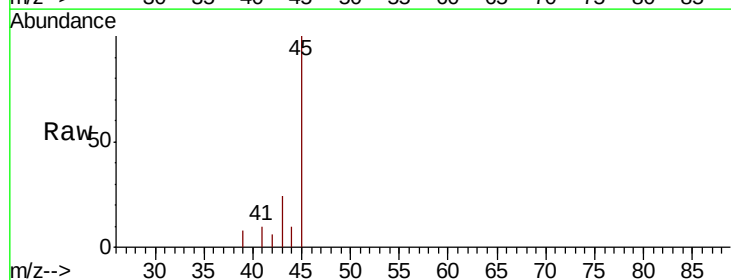
Acq: 20 Apr 2020 18:08

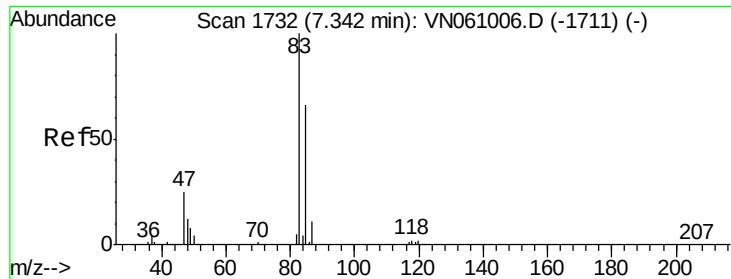
Tgt Ion: 43 Resp: 2183

Ion Ratio Lower Upper

43 100

74 0.0 17.4 26.0#

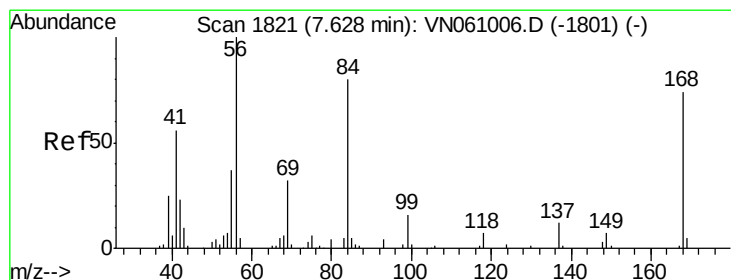
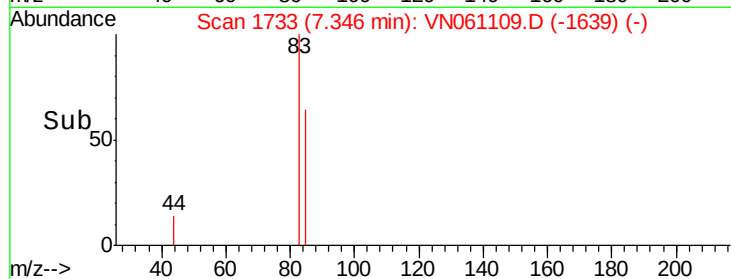
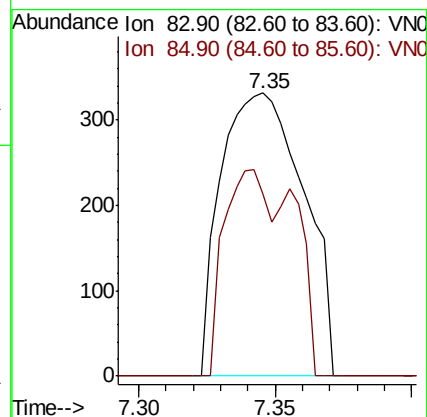
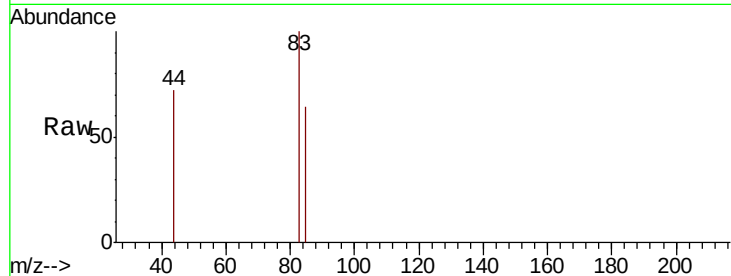




#30
Chloroform
Concen: 0.222 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VN061109.D
Acq: 20 Apr 2020 18:08

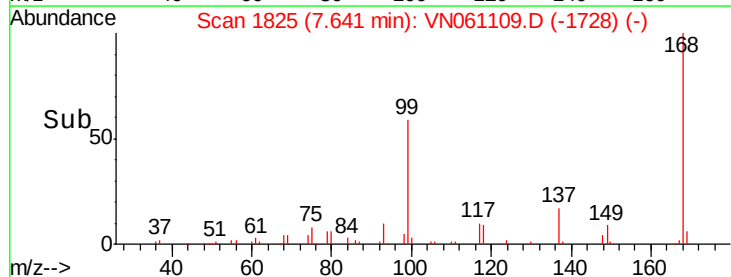
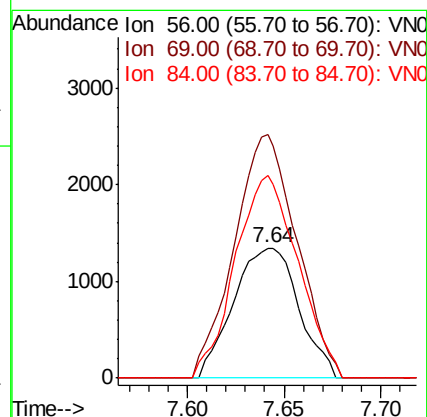
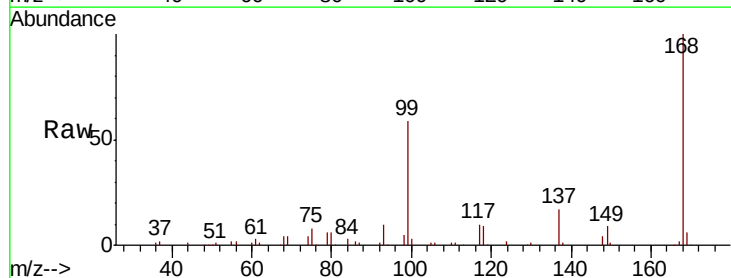
Instrument :
MSVOA_N
ClientSampleId :

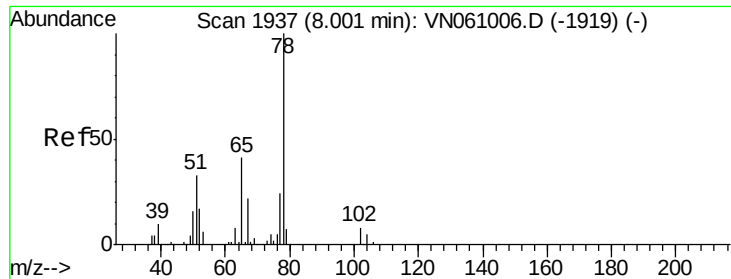
Tot Ion: 83 Resp: 698
Ion Ratio Lower Upper
83 100
85 64.2 52.8 79.2



#31
Cyclohexane
Concen: 0.910 ug/l
RT: 7.64 min Scan# 1825
Delta R.T. 0.01 min
Lab File: VN061109.D
Acq: 20 Apr 2020 18:08

Tgt Ion: 56 Resp: 3155
Ion Ratio Lower Upper
56 100
69 187.6 25.6 38.4#
84 155.8 63.4 95.2#

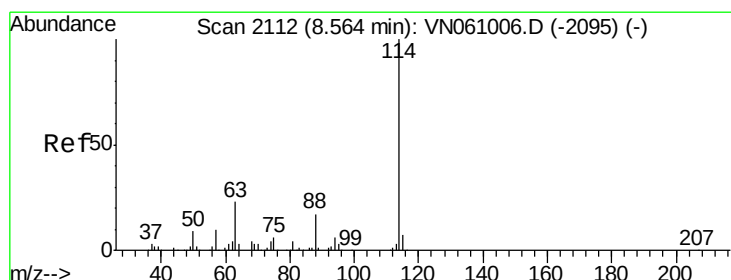
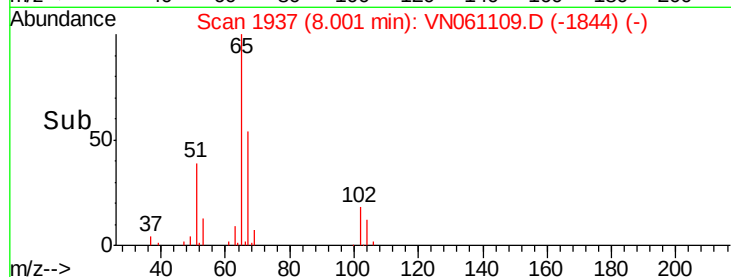
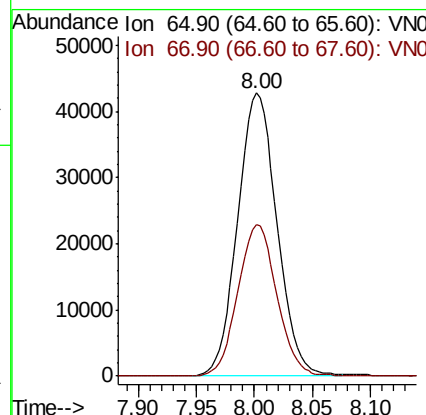
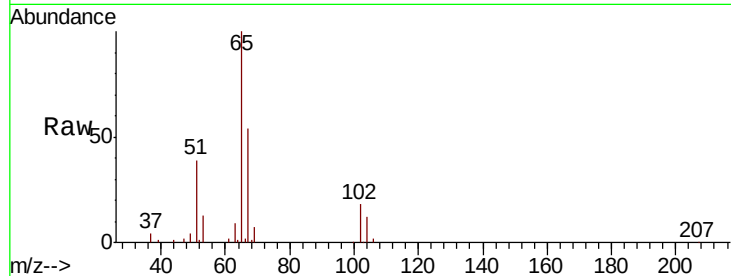




#33
 1,2-Dichloroethane-d4
 Concen: 54.368 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VN061109.D
 Acq: 20 Apr 2020 18:08

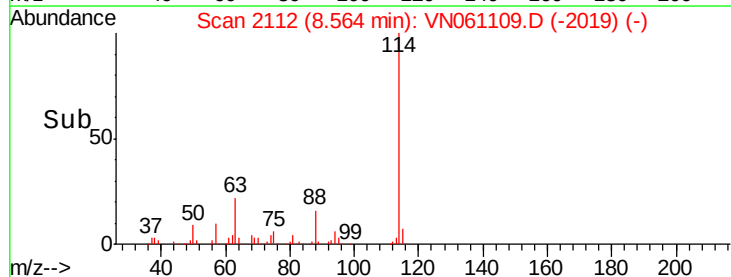
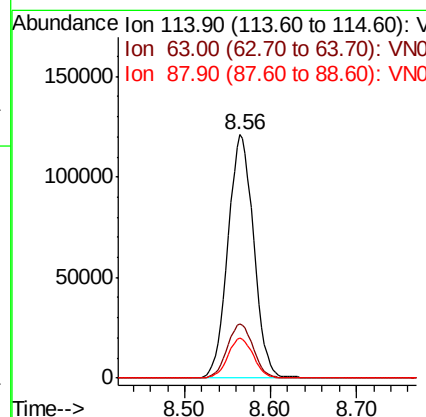
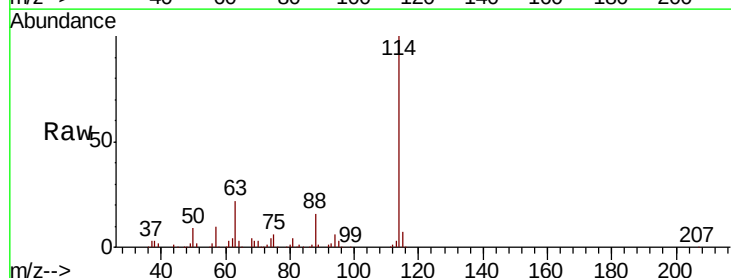
Instrument :
 MSVOA_N
 ClientSampleId :

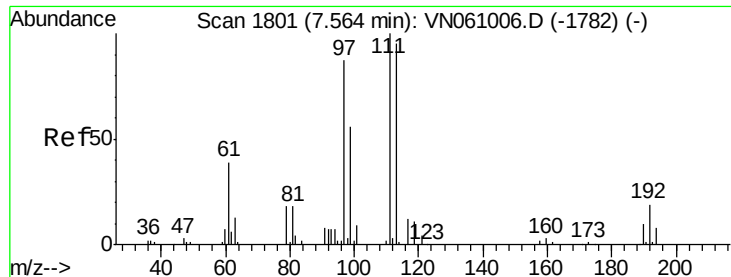
Tot Ion: 65 Resp: 101137
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. 0.00 min
 Lab File: VN061109.D
 Acq: 20 Apr 2020 18:08

Tgt Ion: 114 Resp: 252078
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 46.2
 88 16.2 0.0 33.4





#35

Dibromofluoromethane

Concen: 52.100 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. 0.00 min

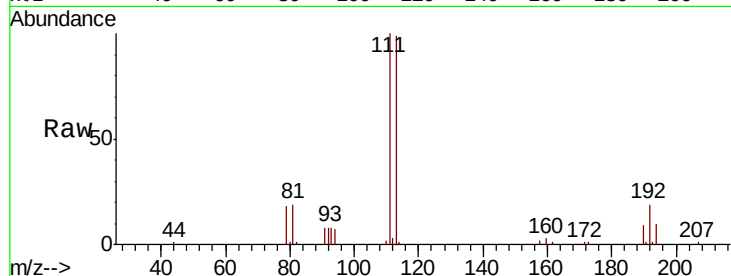
Lab File: VN061109.D

Acq: 20 Apr 2020 18:08

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:113 Resp: 76697

Ion	Ratio	Lower	Upper
113	100		
111	101.7	83.4	125.2
192	19.0	15.5	23.3

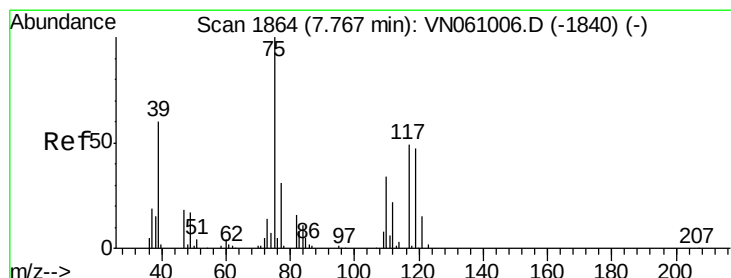
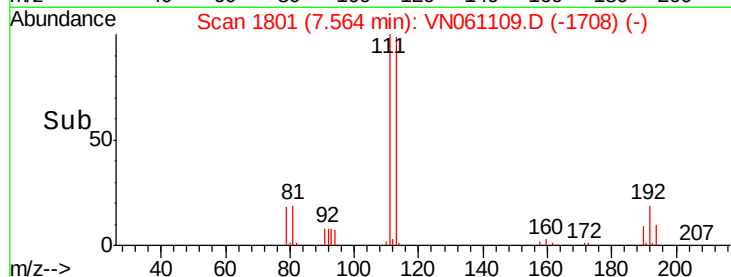
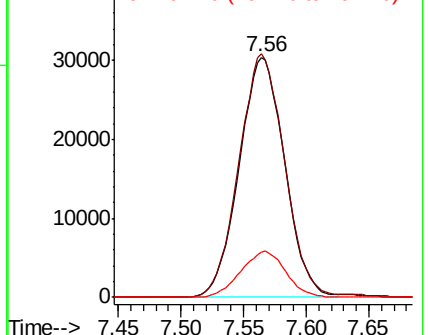


Abundance

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: 4.778 ug/l

RT: 7.64 min Scan# 1826

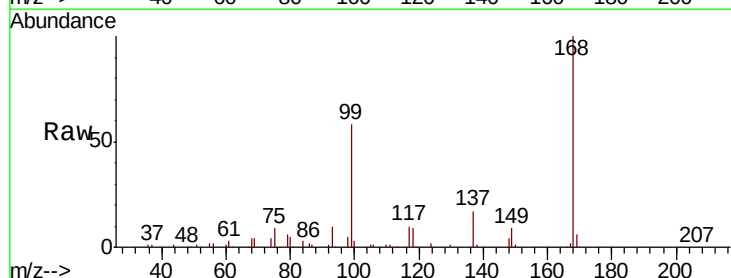
Delta R.T. -0.12 min

Lab File: VN061109.D

Acq: 20 Apr 2020 18:08

Tgt Ion: 75 Resp: 12429

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

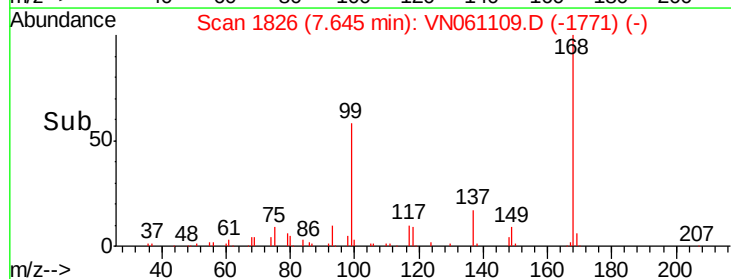
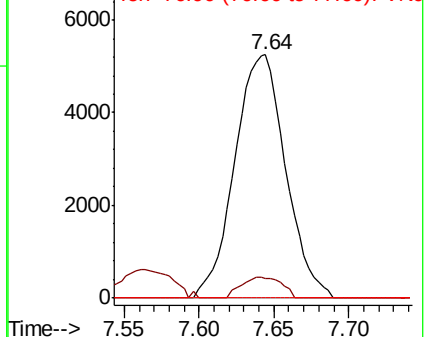


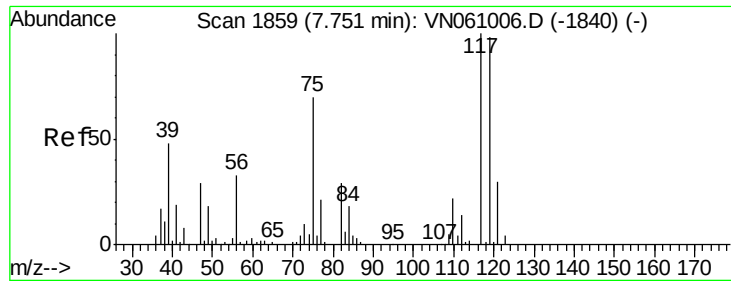
Abundance

Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VN0

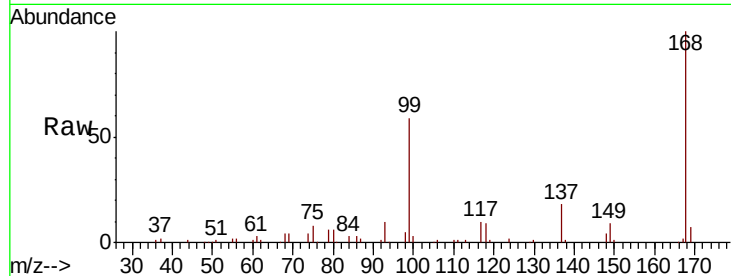




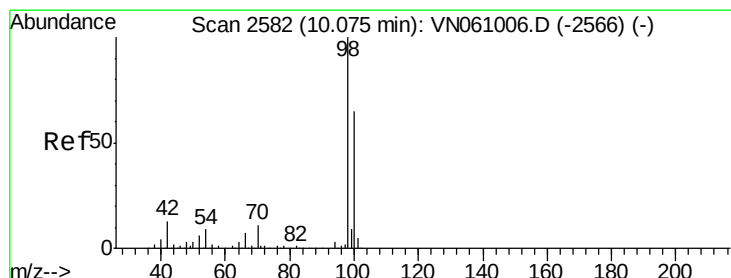
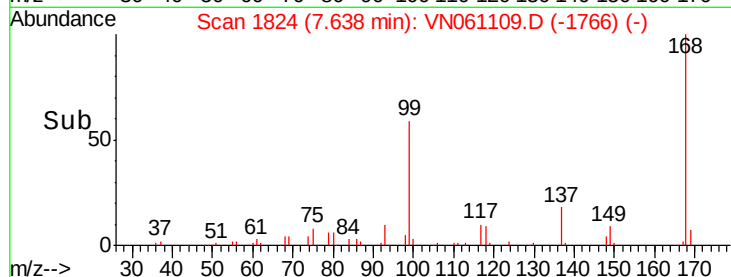
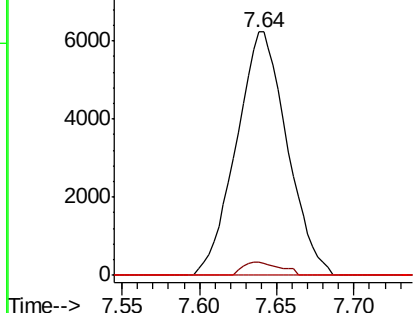
#38
Carbon Tetrachloride
Concen: 6.572 ug/l
RT: 7.64 min Scan# 1824
Delta R.T. -0.11 min
Lab File: VN061109.D
Acq: 20 Apr 2020 18:08

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 14230
Ion Ratio Lower Upper
117 100
119 5.2 78.1 117.1#
121 0.0 24.0 36.0#

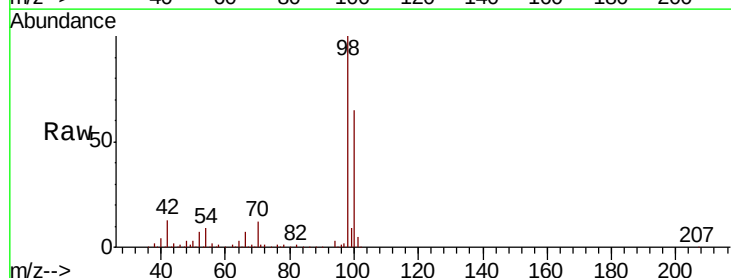


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

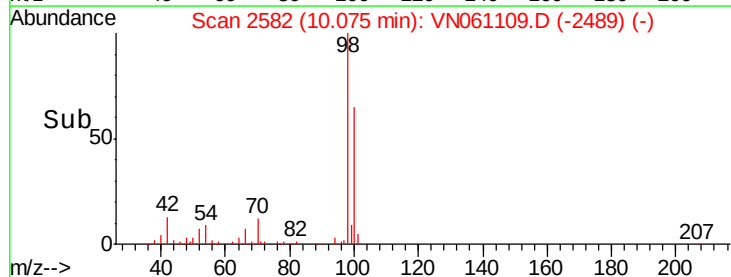
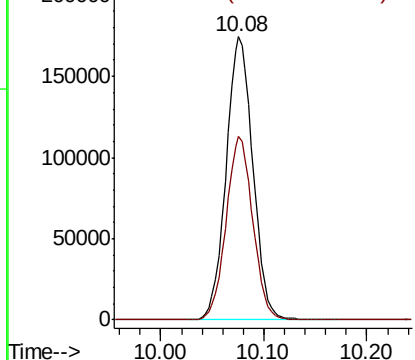


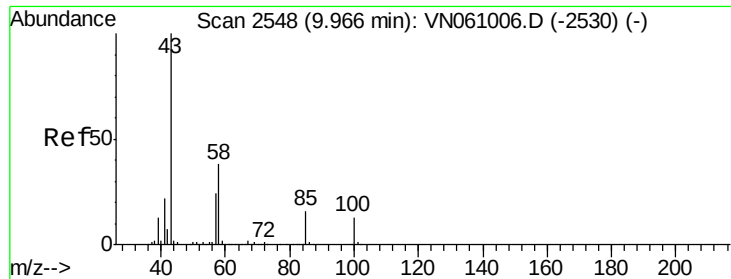
#50
Toluene-d8
Concen: 56.520 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. 0.00 min
Lab File: VN061109.D
Acq: 20 Apr 2020 18:08

Tgt Ion: 98 Resp: 314406
Ion Ratio Lower Upper
98 100
100 64.6 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN
Ion 100.00 (99.70 to 100.70): VN





#51

4-Methyl-2-Pentanone

Concen: 0.557 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. 0.11 min

Lab File: VN061109.D

Acq: 20 Apr 2020 18:08

Instrument :

MSVOA_N

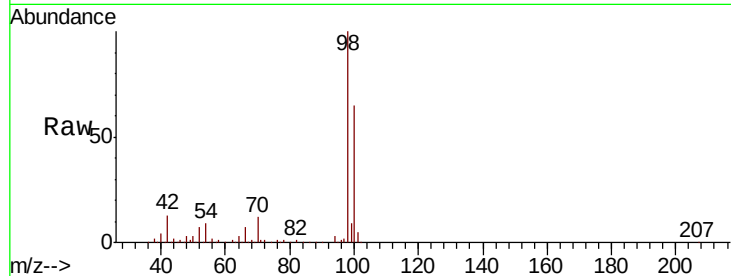
ClientSampleId :

Tot Ion: 43 Resp: 1476

Ion Ratio Lower Upper

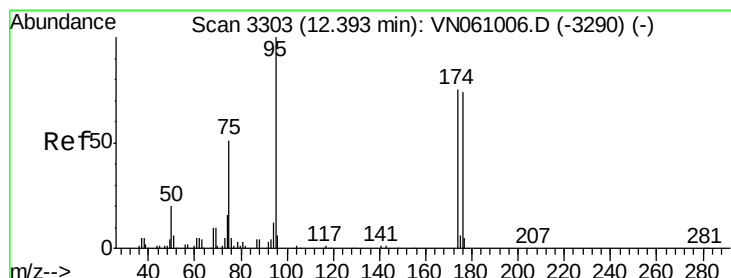
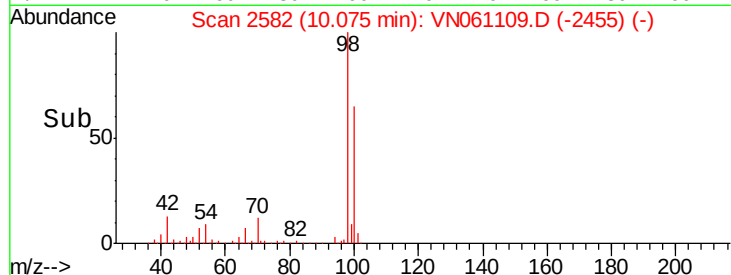
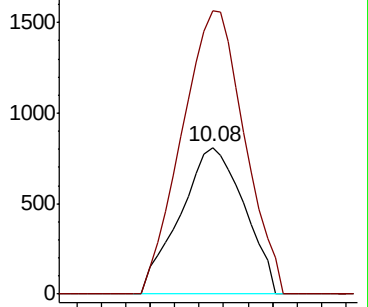
43 100

58 188.7 30.3 45.5#



Abundance Ion 43.00 (42.70 to 43.70): VN061109.D (-2530) (-)

Ion 58.00 (57.70 to 58.70): VN061109.D (-2530) (-)



#62

4-Bromofluorobenzene

Concen: 52.254 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN061109.D

Acq: 20 Apr 2020 18:08

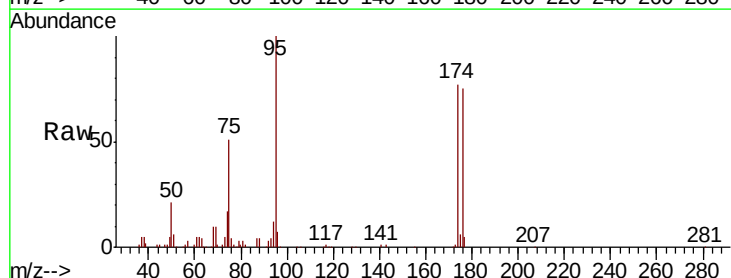
Tgt Ion: 95 Resp: 113926

Ion Ratio Lower Upper

95 100

174 77.1 0.0 151.2

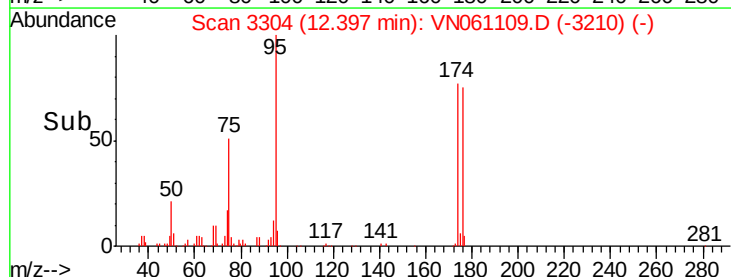
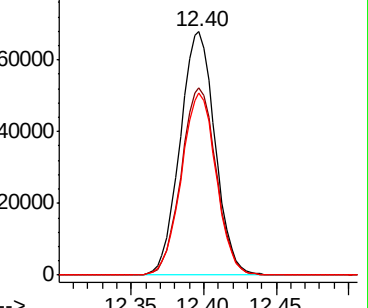
176 74.4 0.0 148.2

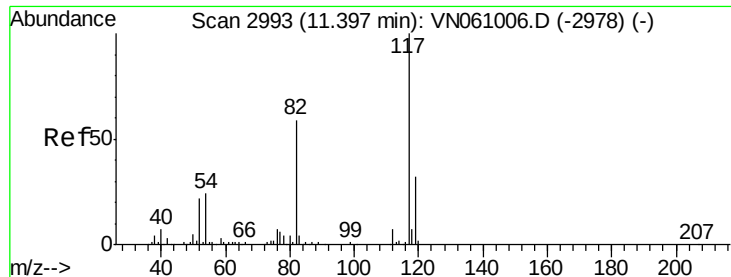


Abundance Ion 94.90 (94.60 to 95.60): VN061109.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN061109.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN061109.D (-3290) (-)

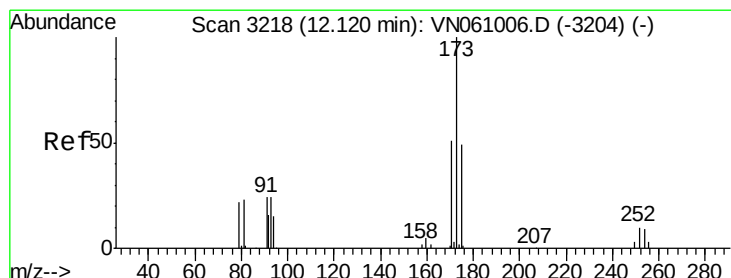
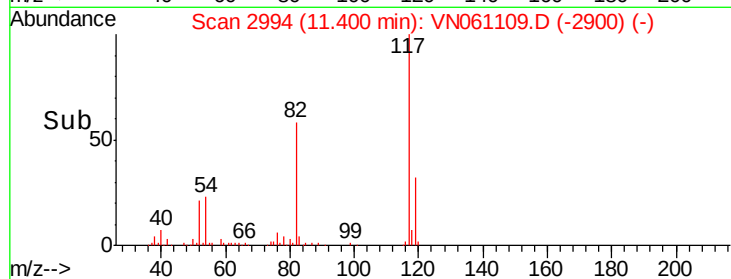
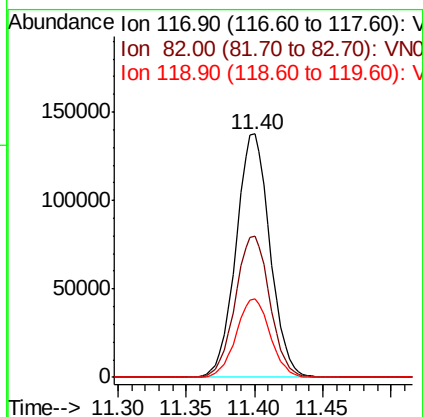
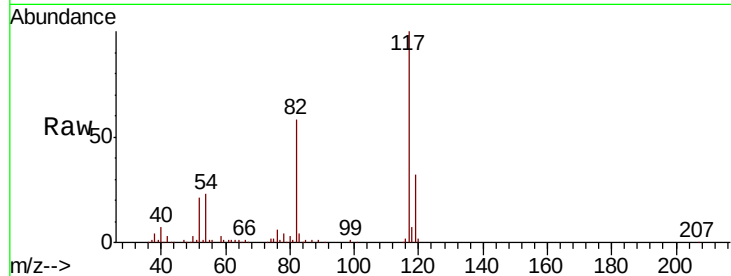




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN061109.D
Acq: 20 Apr 2020 18:08

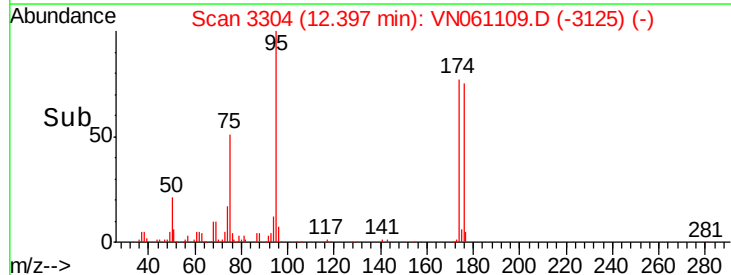
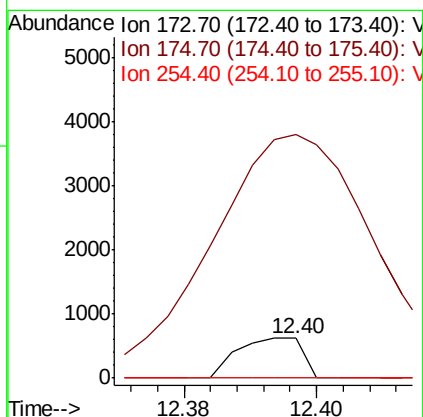
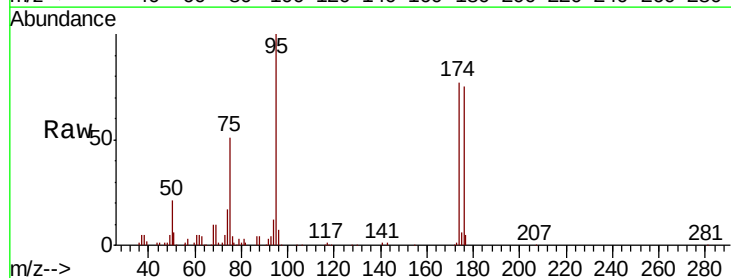
Instrument :
MSVOA_N
ClientSampleId :

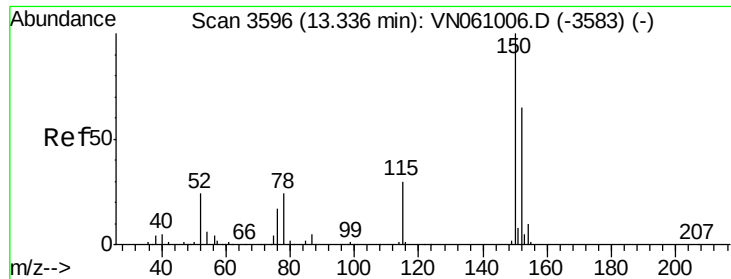
Tot Ion:117 Resp: 237687
Ion Ratio Lower Upper
117 100
82 57.9 47.1 70.7
119 32.3 25.7 38.5



#71
Bromoform
Concen: 0.326 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.28 min
Lab File: VN061109.D
Acq: 20 Apr 2020 18:08

Tgt Ion:173 Resp: 427
Ion Ratio Lower Upper
173 100
175 1301.2 24.5 73.5#
254 0.0 0.0 0.0



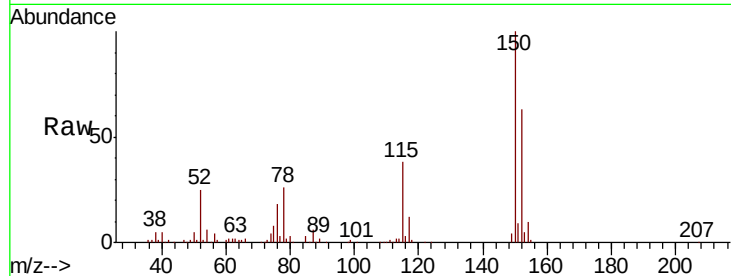


#72

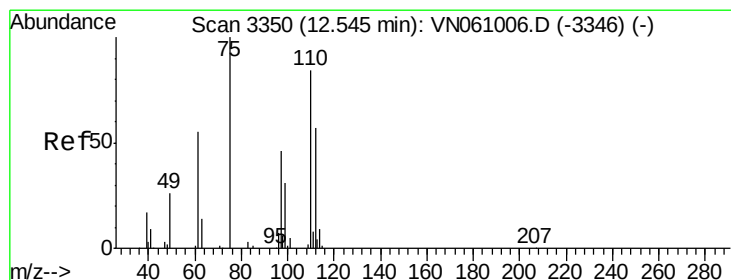
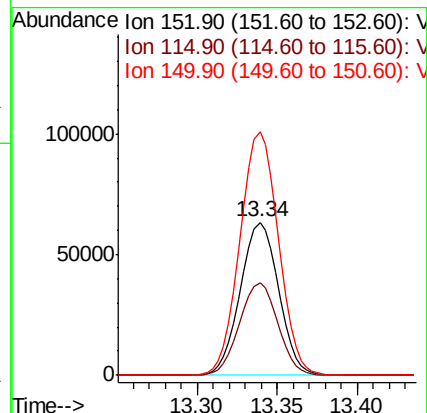
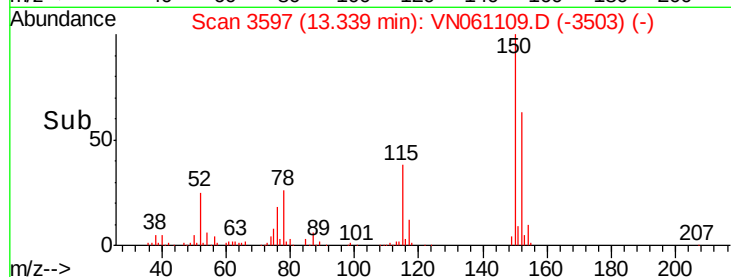
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN061109.D
Acq: 20 Apr 2020 18:08

Instrument :
MSVOA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
115	60.3	30.8	92.4
150	159.5	0.0	349.0



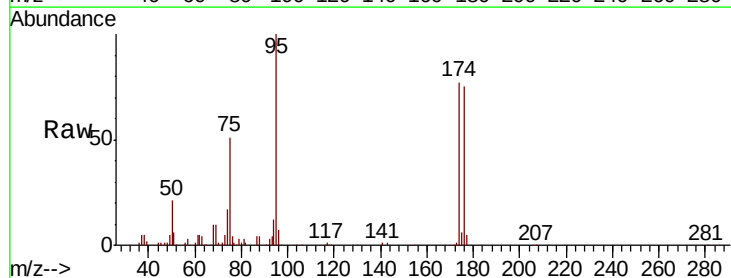
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



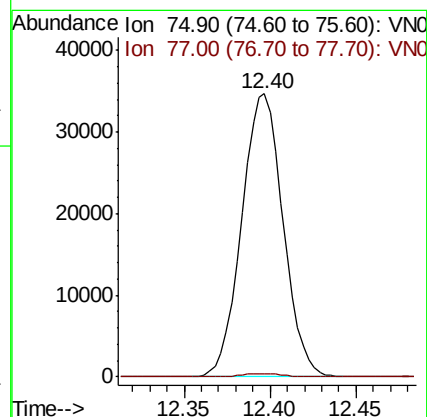
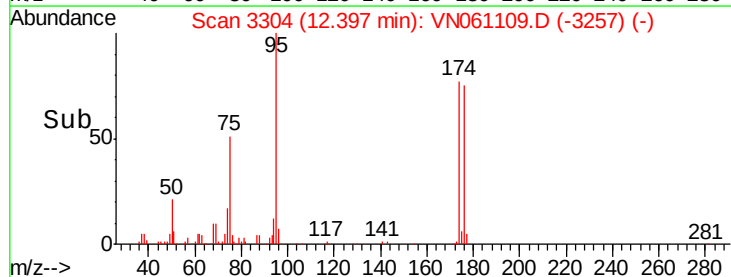
#76

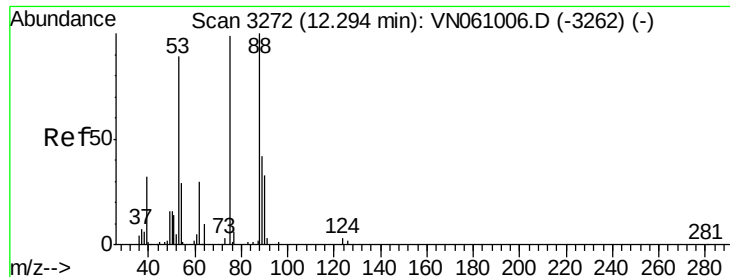
1,2,3-Trichloropropane
Concen: 25.447 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. -0.15 min
Lab File: VN061109.D
Acq: 20 Apr 2020 18:08

Tgt 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





#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.768 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.10 min
 Lab File: VN061109.D
 Acq: 20 Apr 2020 18:08

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 75 Resp: 57969
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.7 112.1#
 89 0.0 34.6 52.0#

