

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041720\
 Data File : VN061075.D
 Acq On : 18 Apr 2020 1:13
 Operator : JC/MD
 Sample : L2338-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 20 01:40:15 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	137950	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	233667	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	217358	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	89930	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	94971	53.81	ug/l	0.00
Spiked Amount			Recovery	=	107.62%	
35) Dibromofluoromethane	7.56	113	70615	51.75	ug/l	0.00
Spiked Amount			Recovery	=	103.50%	
50) Toluene-d8	10.08	98	288803	56.01	ug/l	0.00
Spiked Amount			Recovery	=	112.02%	
62) 4-Bromofluorobenzene	12.39	95	102793	50.86	ug/l	0.00
Spiked Amount			Recovery	=	101.72%	

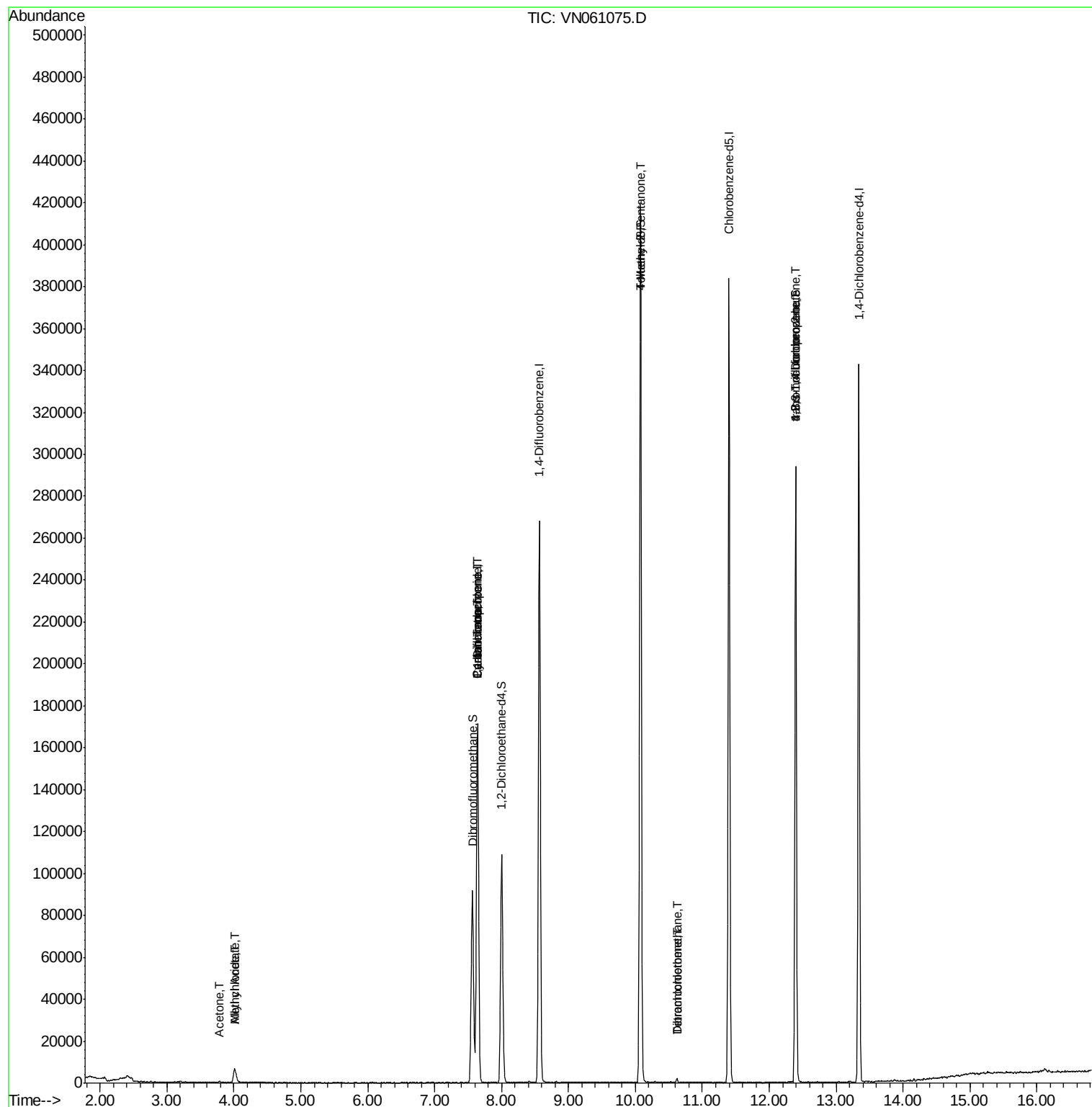
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
14) Allyl chloride	4.01	41	882	0.309	ug/l #	73
16) Acetone	3.78	43	1236	1.591	ug/l #	44
18) Methyl Acetate	4.01	43	2602	1.068	ug/l #	54
31) Cyclohexane	7.64	56	2986	0.908	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	10916	4.527	ug/l #	49
38) Carbon Tetrachloride	7.64	117	13504	6.728	ug/l #	15
51) 4-Methyl-2-Pentanone	10.07	43	1360	0.554	ug/l #	1
60) Dibromochloromethane	10.62	129	384	0.230	ug/l #	10
64) Tetrachloroethene	10.62	164	445	0.268	ug/l	93
76) 1,2,3-Trichloropropane	12.40	75	53712	27.153	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	53712	66.976	ug/l #	12

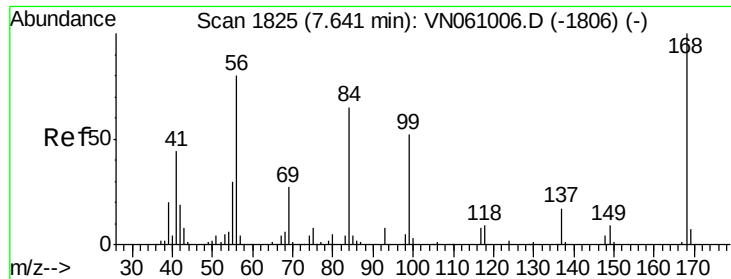
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN061075.D

Acq: 18 Apr 2020 1:13

Instrument :

MSVOA_N

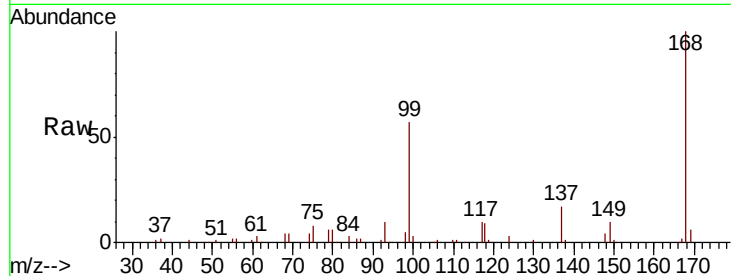
ClientSampleId :

Tot Ion:168 Resp: 137950

Ion Ratio Lower Upper

168 100

99 56.9 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): VN061006.D (-1806) (-)

Ion 98.90 (98.60 to 99.60): VN061006.D (-1806) (-)

7.64

60000

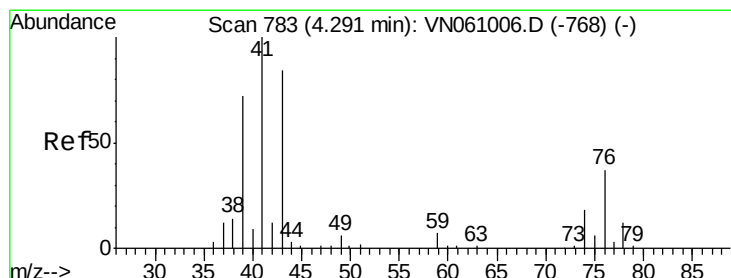
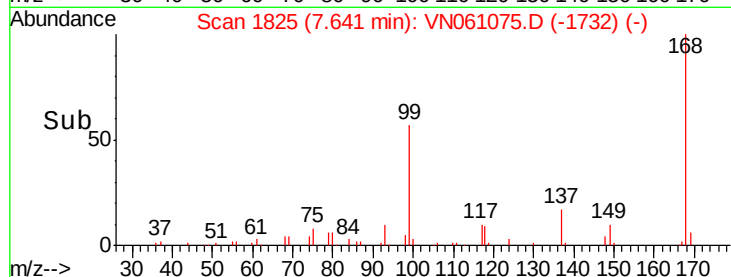
40000

20000

0

7.60 7.70

Time-->



#14

Allyl chloride

Concen: 0.309 ug/l

RT: 4.01 min Scan# 696

Delta R.T. -0.28 min

Lab File: VN061075.D

Acq: 18 Apr 2020 1:13

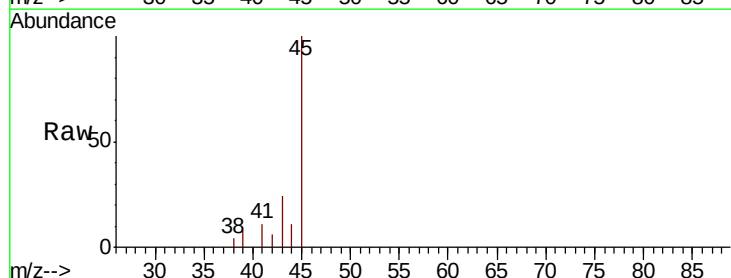
Tgt Ion: 41 Resp: 882

Ion Ratio Lower Upper

41 100

39 79.1 56.3 84.5

76 0.0 27.7 41.5#



Abundance Ion 41.00 (40.70 to 41.70): VN061006.D (-768) (-)

Ion 39.00 (38.70 to 39.70): VN061006.D (-768) (-)

Ion 75.90 (75.60 to 76.60): VN061006.D (-768) (-)

4.01

600

500

400

300

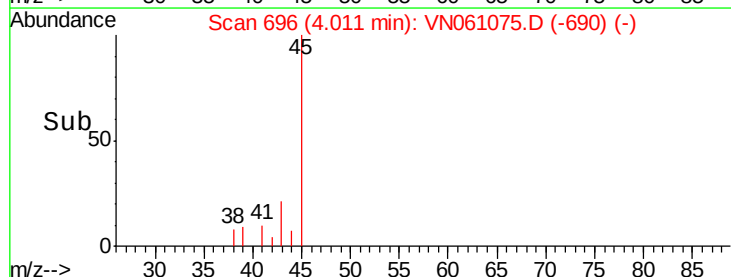
200

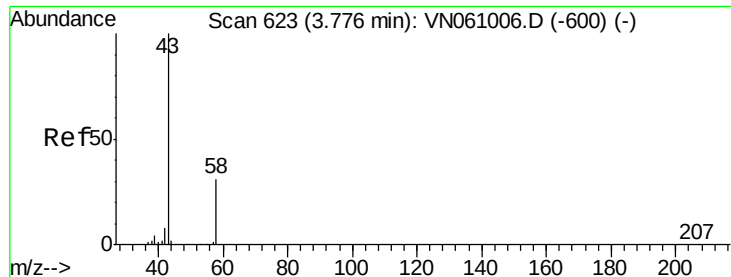
100

0

4.00 4.05

Time-->





#16

Acetone

Concen: 1.591 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.01 min

Lab File: VN061075.D

Acq: 18 Apr 2020 1:13

Instrument :

MSVOA_N

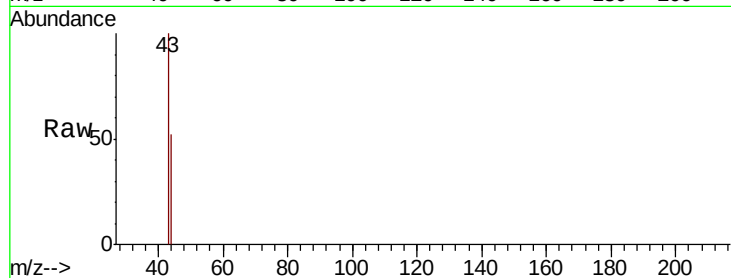
ClientSampled :

Tot Ion: 43 Resp: 1236

Ion Ratio Lower Upper

43 100

58 0.0 24.6 37.0#



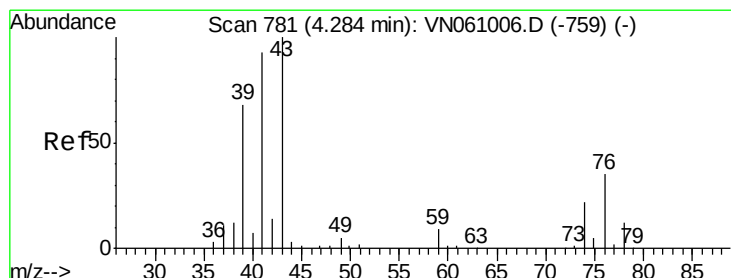
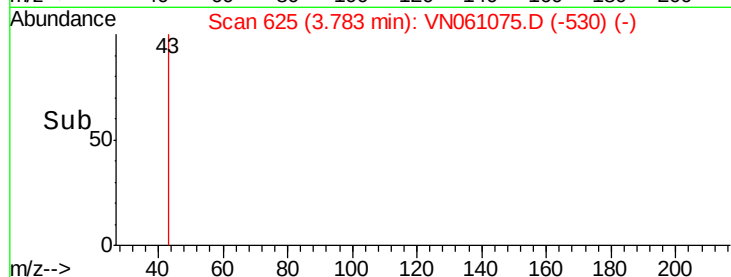
Abundance Ion 43.00 (42.70 to 43.70): VN061006.D (-600) (-)

Ion 58.00 (57.70 to 58.70): VN061006.D (-600) (-)

3.78

3.75 3.80 3.85

Time-->



#18

Methyl Acetate

Concen: 1.068 ug/l

RT: 4.01 min Scan# 696

Delta R.T. -0.27 min

Lab File: VN061075.D

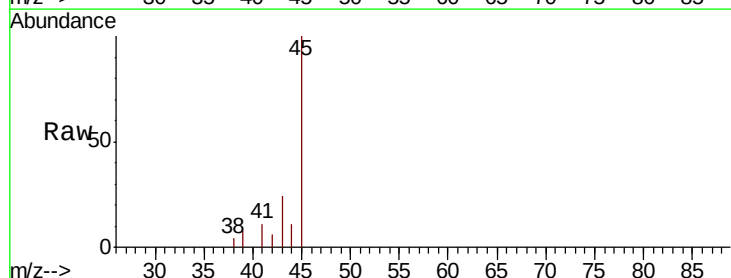
Acq: 18 Apr 2020 1:13

Tgt Ion: 43 Resp: 2602

Ion Ratio Lower Upper

43 100

74 0.0 17.4 26.0#



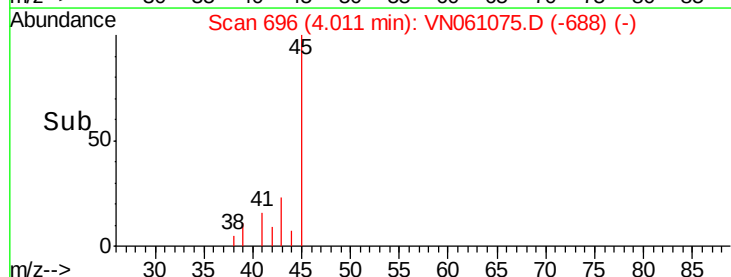
Abundance Ion 43.00 (42.70 to 43.70): VN061006.D (-759) (-)

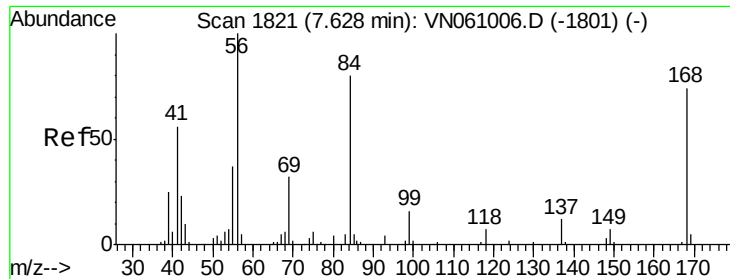
Ion 74.00 (73.70 to 74.70): VN061006.D (-759) (-)

4.01

4.00 4.05

Time-->

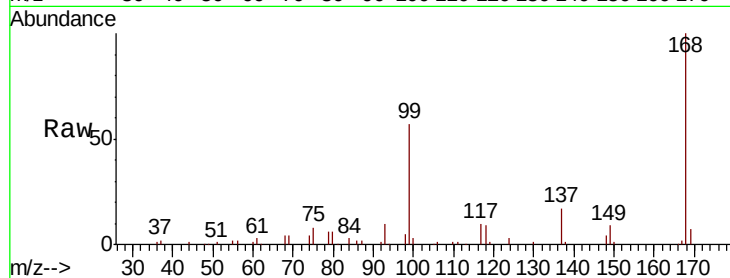




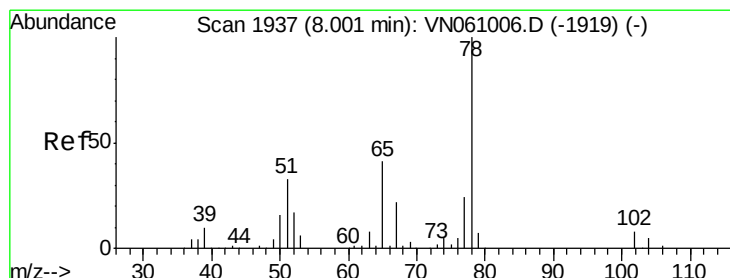
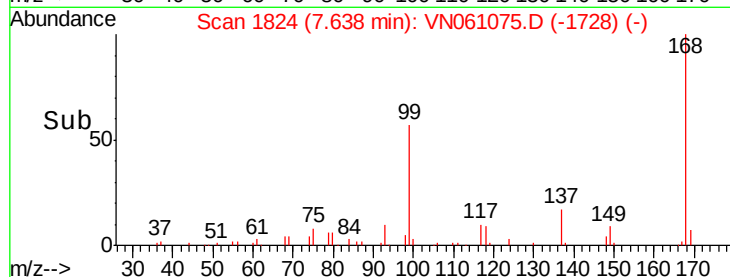
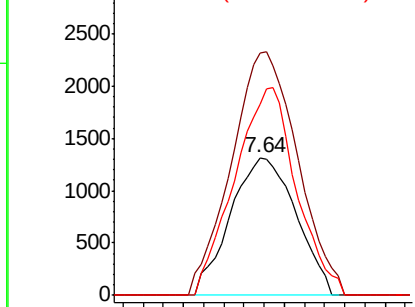
#31
Cyclohexane
Concen: 0.908 ug/l
RT: 7.64 min Scan# 1824
Delta R.T. 0.01 min
Lab File: VN061075.D
Acq: 18 Apr 2020 1:13

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 2986
Ion Ratio Lower Upper
56 100
69 176.6 25.6 38.4#
84 139.2 63.4 95.2#

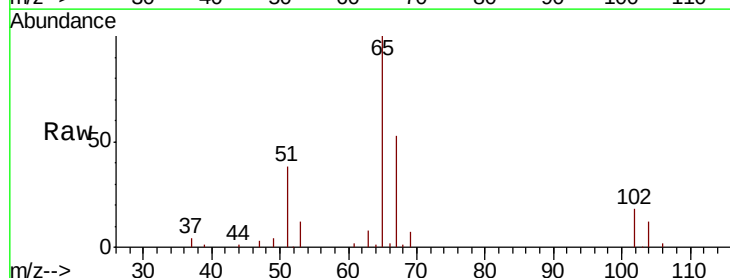


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

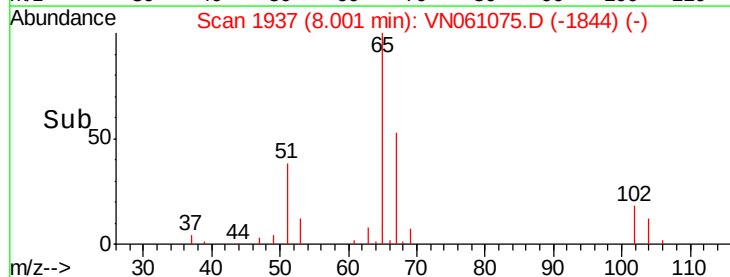
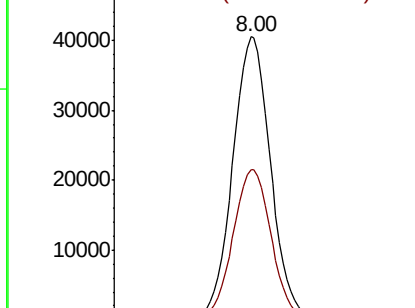


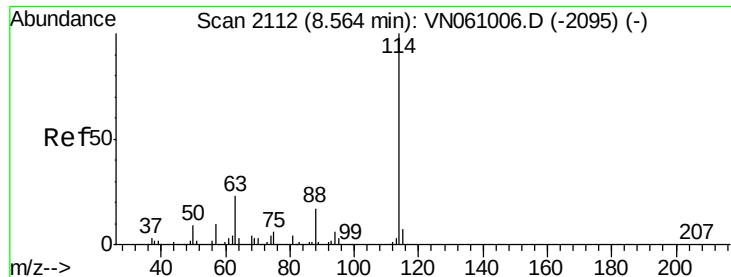
#33
1,2-Dichloroethane-d4
Concen: 53.809 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN061075.D
Acq: 18 Apr 2020 1:13

Tgt Ion: 65 Resp: 94971
Ion Ratio Lower Upper
65 100
67 53.6 0.0 107.0



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

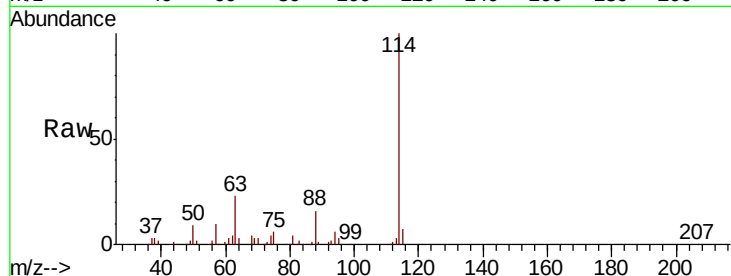




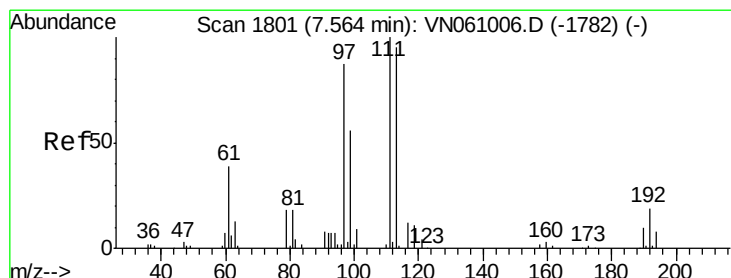
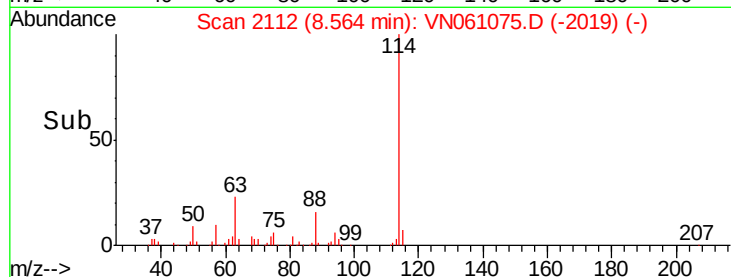
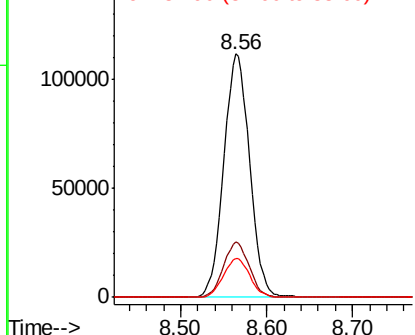
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN061075.D
 Acq: 18 Apr 2020 1:13

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.6	0.0	46.2
88	16.1	0.0	33.4

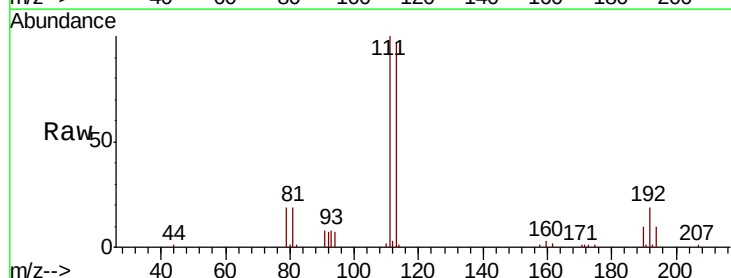


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

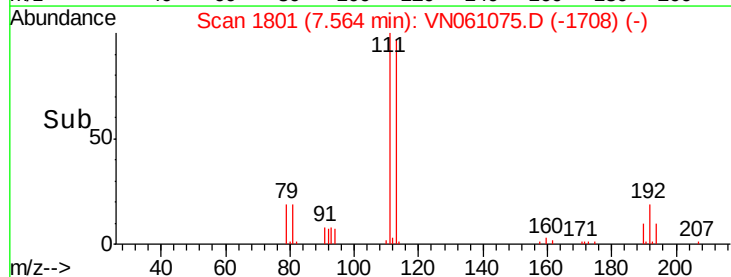
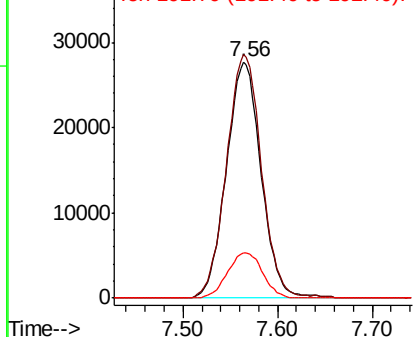


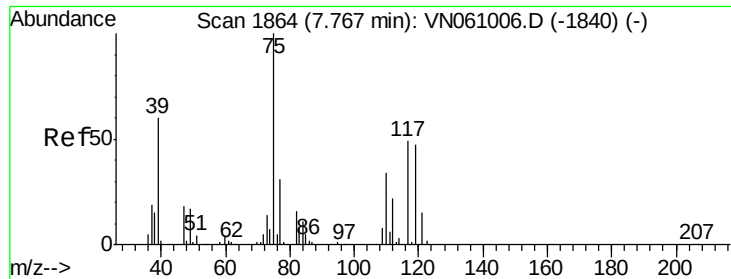
#35
 Dibromofluoromethane
 Concen: 51.748 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN061075.D
 Acq: 18 Apr 2020 1:13

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.3	83.4	125.2
192	19.3	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

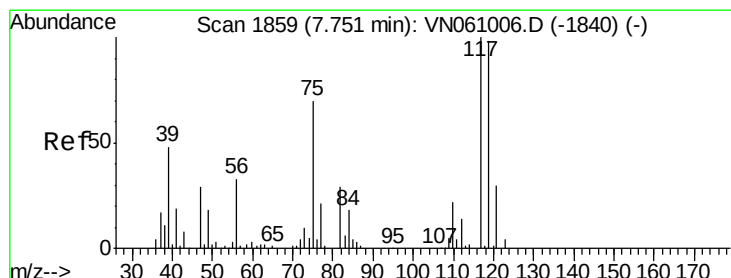
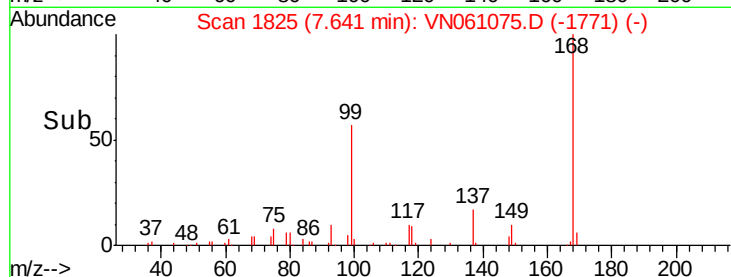
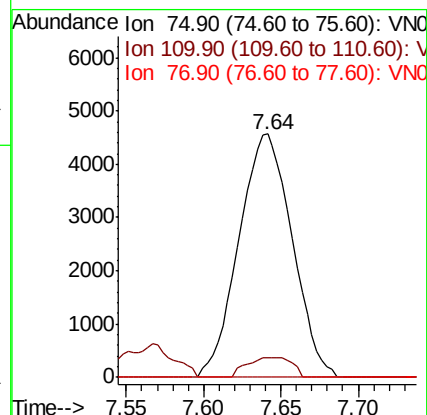
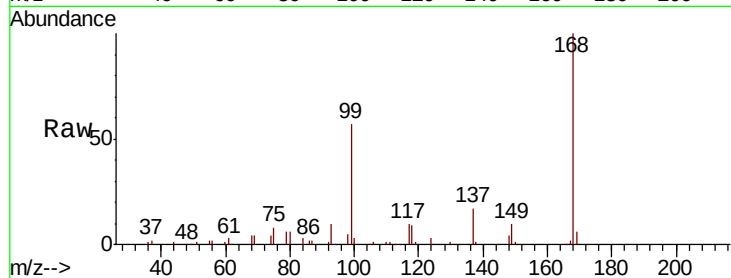




#36
 1,1-Dichloropropene
 Concen: 4.527 ug/l
 RT: 7.64 min Scan# 1825
 Delta R.T. -0.13 min
 Lab File: VN061075.D
 Acq: 18 Apr 2020 1:13

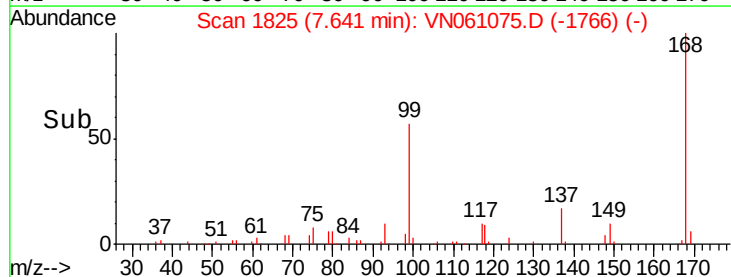
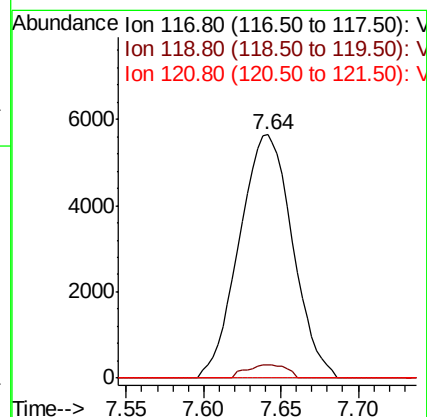
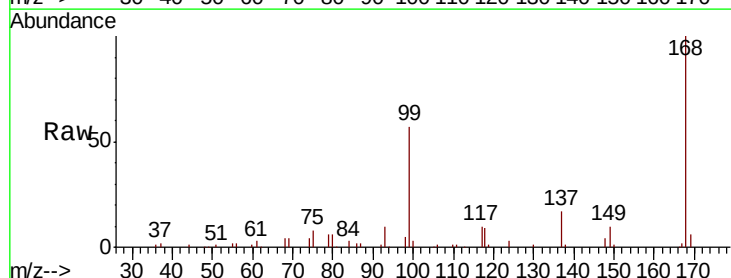
Instrument :
 MSVOA_N
 ClientSampled :

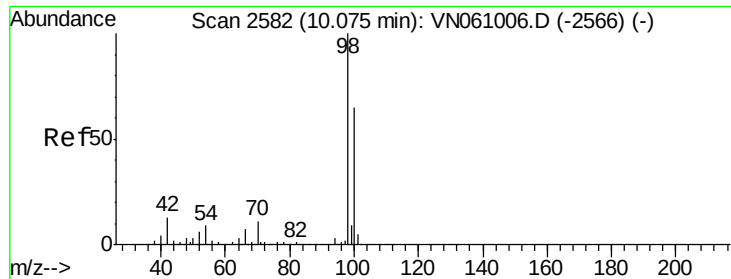
Tot Ion	Ratio	Lower	Upper
75	100		
110	6.9	16.8	50.3#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 6.728 ug/l
 RT: 7.64 min Scan# 1825
 Delta R.T. -0.11 min
 Lab File: VN061075.D
 Acq: 18 Apr 2020 1:13

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.3	78.1	117.1#
121	0.0	24.0	36.0#

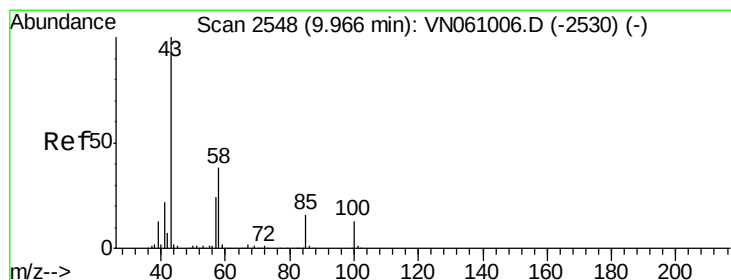
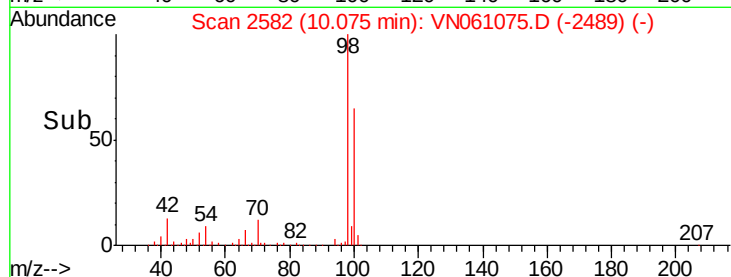
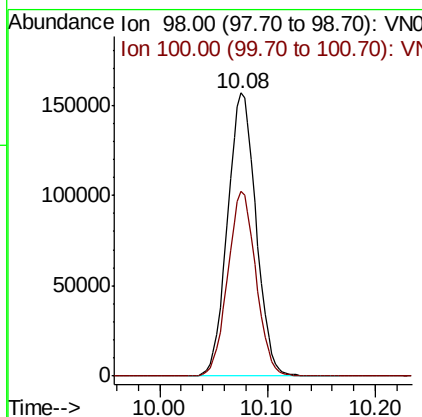
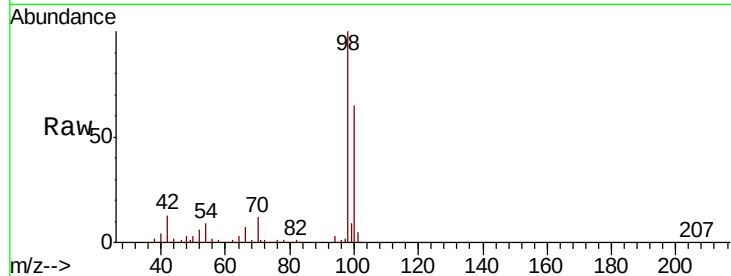




#50
Toluene-d8
Concen: 56.008 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN061075.D
Acq: 18 Apr 2020 1:13

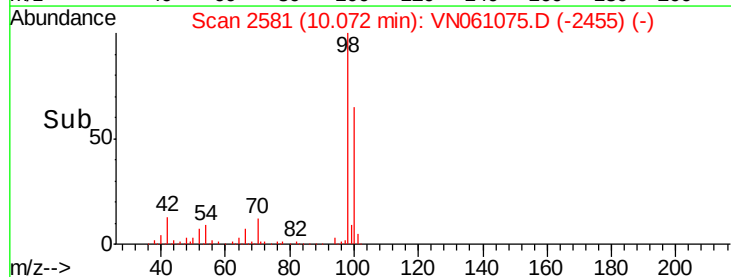
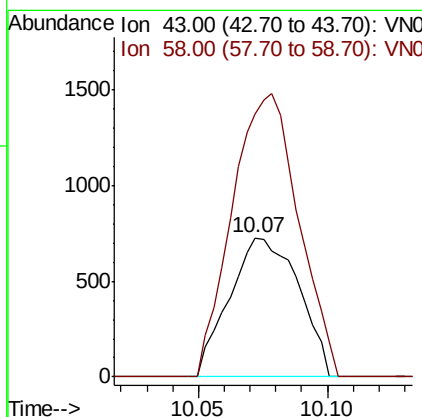
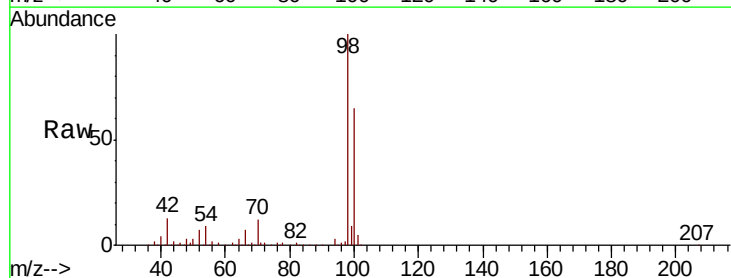
Instrument :
MSVOA_N
ClientSampleId :

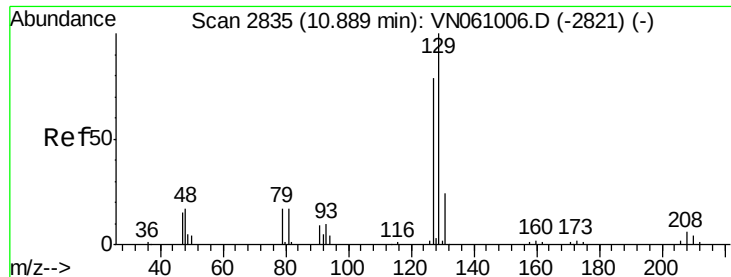
Tot Ion: 98 Resp: 288803
Ion Ratio Lower Upper
98 100
100 64.6 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.554 ug/l
RT: 10.07 min Scan# 2581
Delta R.T. 0.11 min
Lab File: VN061075.D
Acq: 18 Apr 2020 1:13

Tgt Ion: 43 Resp: 1360
Ion Ratio Lower Upper
43 100
58 194.6 30.3 45.5#

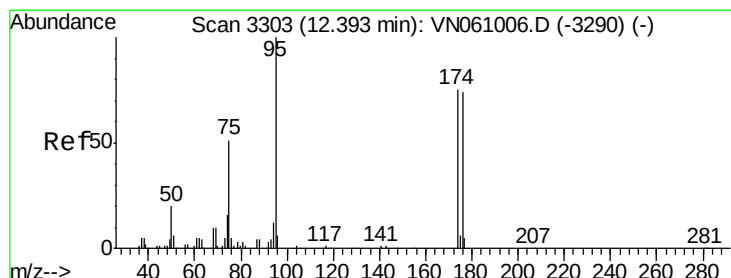
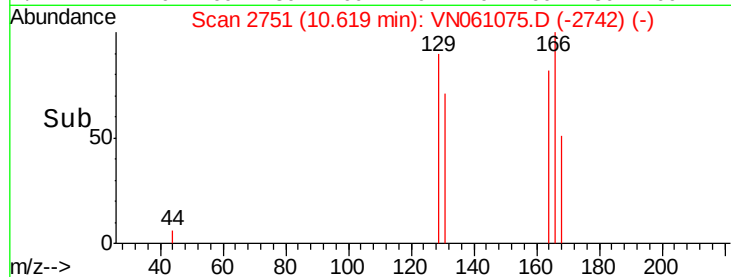
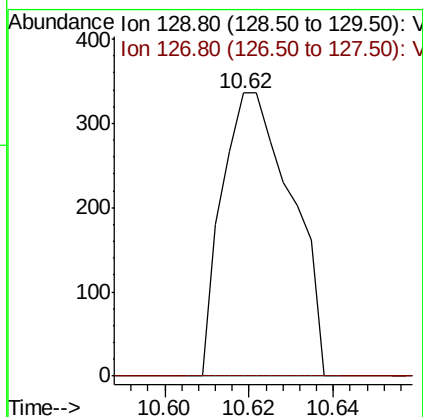
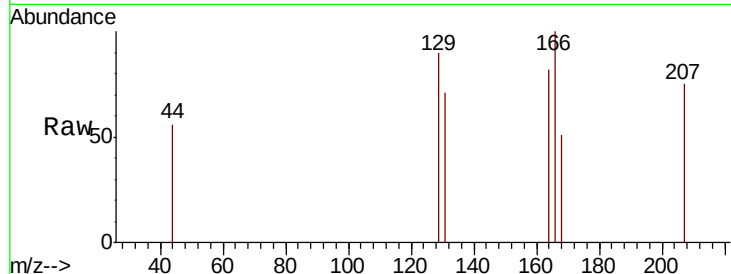




#60
 Dibromochloromethane
 Concen: 0.230 ug/l
 RT: 10.62 min Scan# 2751
 Delta R.T. -0.27 min
 Lab File: VN061075.D
 Acq: 18 Apr 2020 1:13

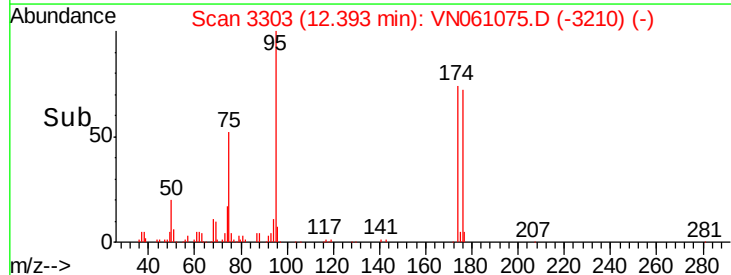
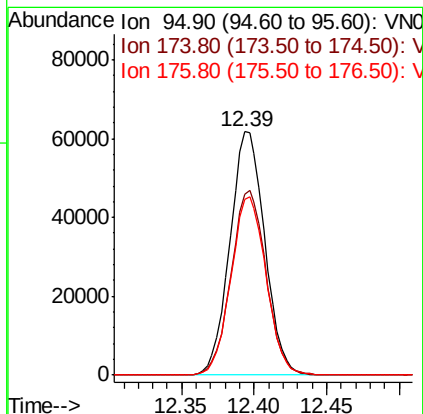
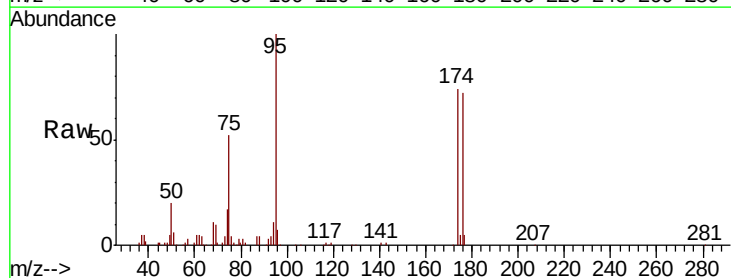
Instrument :
 MSVOA_N
 ClientSampleId :

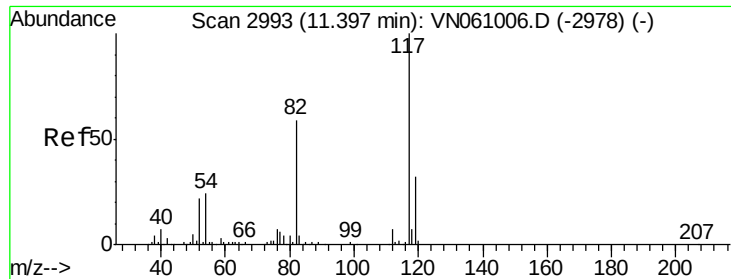
Tot Ion:129 Resp: 384
 Ion Ratio Lower Upper
 129 100
 127 0.0 39.0 116.9#



#62
 4-Bromofluorobenzene
 Concen: 50.863 ug/l
 RT: 12.39 min Scan# 3303
 Delta R.T. -0.00 min
 Lab File: VN061075.D
 Acq: 18 Apr 2020 1:13

Tgt Ion: 95 Resp: 102793
 Ion Ratio Lower Upper
 95 100
 174 76.1 0.0 151.2
 176 74.0 0.0 148.2

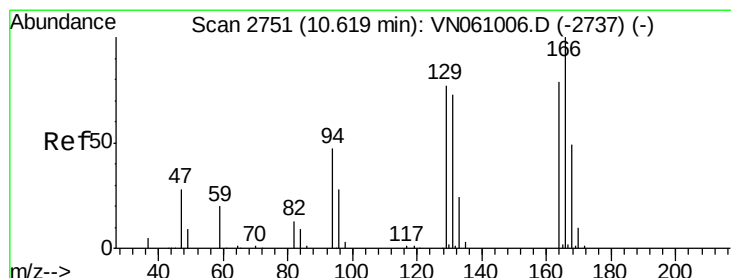
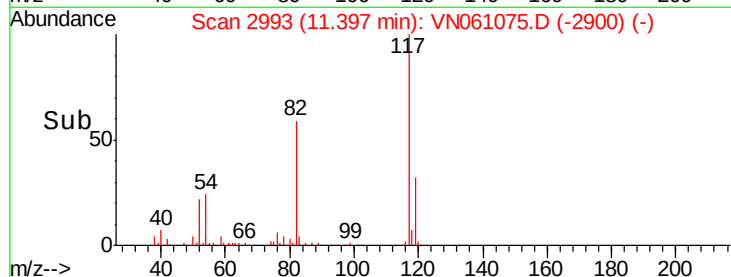
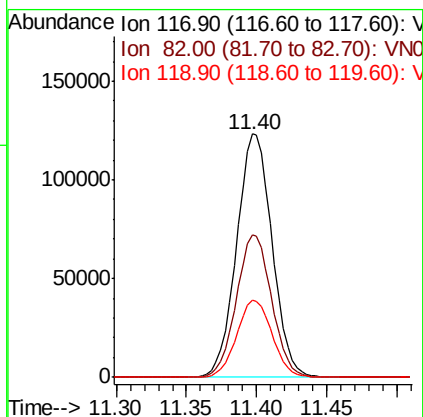
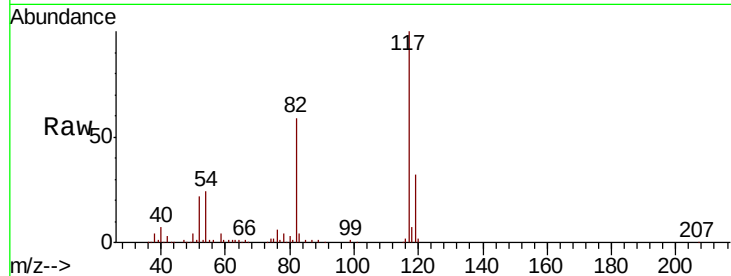




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2993
Delta R.T. -0.00 min
Lab File: VN061075.D
Acq: 18 Apr 2020 1:13

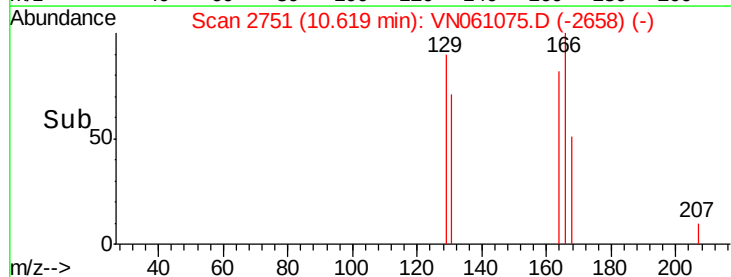
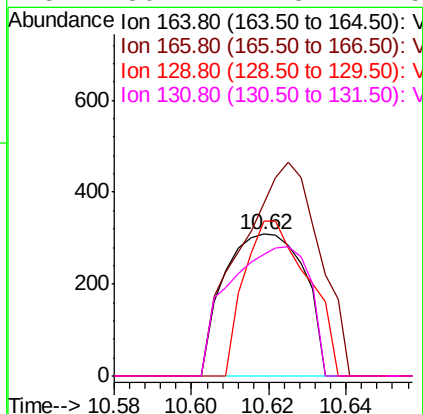
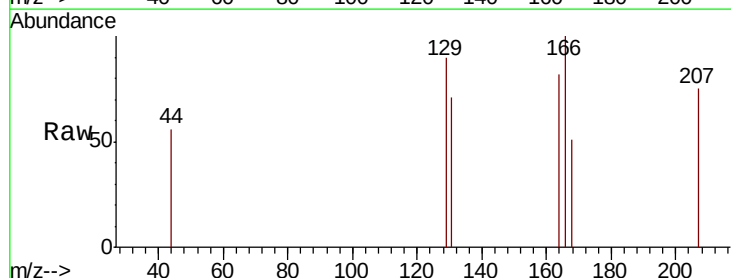
Instrument :
MSVOA_N
ClientSampleId :

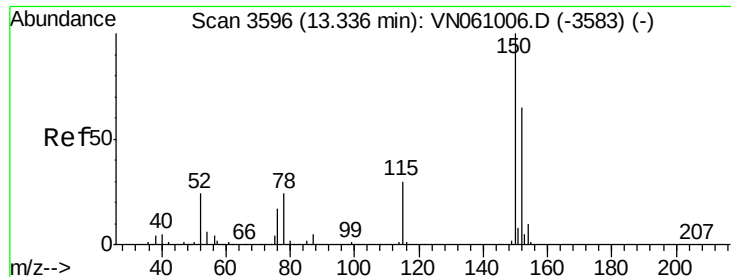
Tot Ion:117 Resp: 217358
Ion Ratio Lower Upper
117 100
82 58.6 47.1 70.7
119 31.5 25.7 38.5



#64
Tetrachloroethene
Concen: 0.268 ug/l
RT: 10.62 min Scan# 2751
Delta R.T. -0.00 min
Lab File: VN061075.D
Acq: 18 Apr 2020 1:13

Tgt Ion:164 Resp: 445
Ion Ratio Lower Upper
164 100
166 121.4 101.6 152.4
129 108.7 78.5 117.7
131 86.1 74.3 111.5



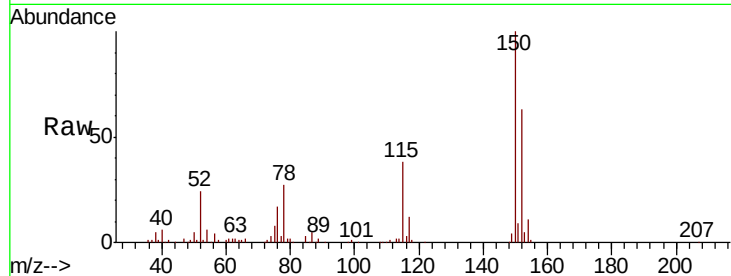


#72

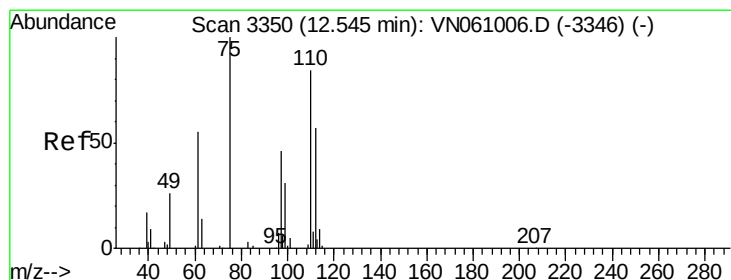
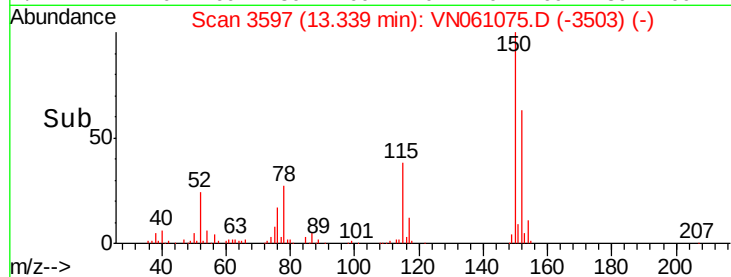
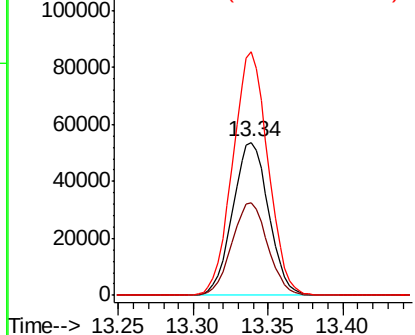
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN061075.D
Acq: 18 Apr 2020 1:13

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:152 Resp: 89930
Ion Ratio Lower Upper
152 100
115 60.3 30.8 92.4
150 156.7 0.0 349.0



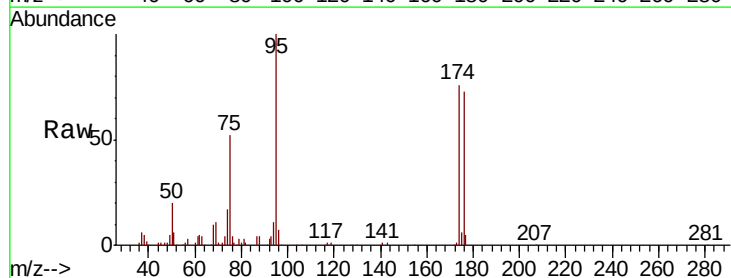
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



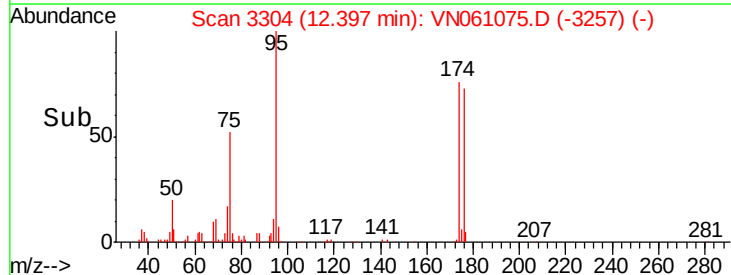
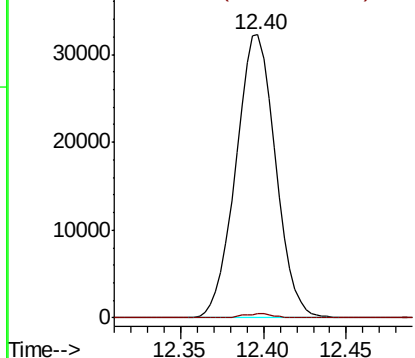
#76

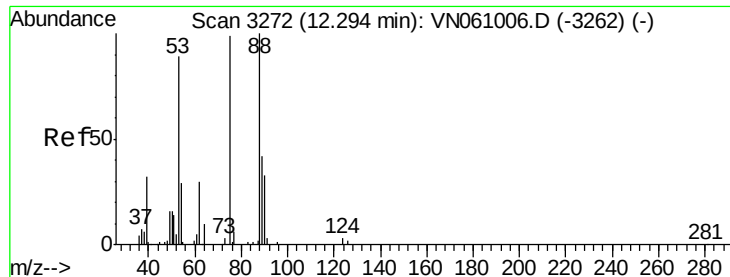
1,2,3-Trichloropropane
Concen: 27.153 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. -0.15 min
Lab File: VN061075.D
Acq: 18 Apr 2020 1:13

Tgt Ion: 75 Resp: 53712
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: 66.976 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.10 min
 Lab File: VN061075.D
 Acq: 18 Apr 2020 1:13

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 75 Resp: 53712
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.7 112.1#
 89 0.0 34.6 52.0#

