

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041720\
 Data File : VN061079.D
 Acq On : 18 Apr 2020 2:44
 Operator : JC/MD
 Sample : L2338-11
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 20 01:41:09 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	142230	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	240352	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	229024	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	100773	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	97744	53.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.42%	
35) Dibromofluoromethane	7.56	113	73879	52.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.26%	
50) Toluene-d8	10.08	98	299162	56.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.80%	
62) 4-Bromofluorobenzene	12.39	95	111269	53.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.06%	

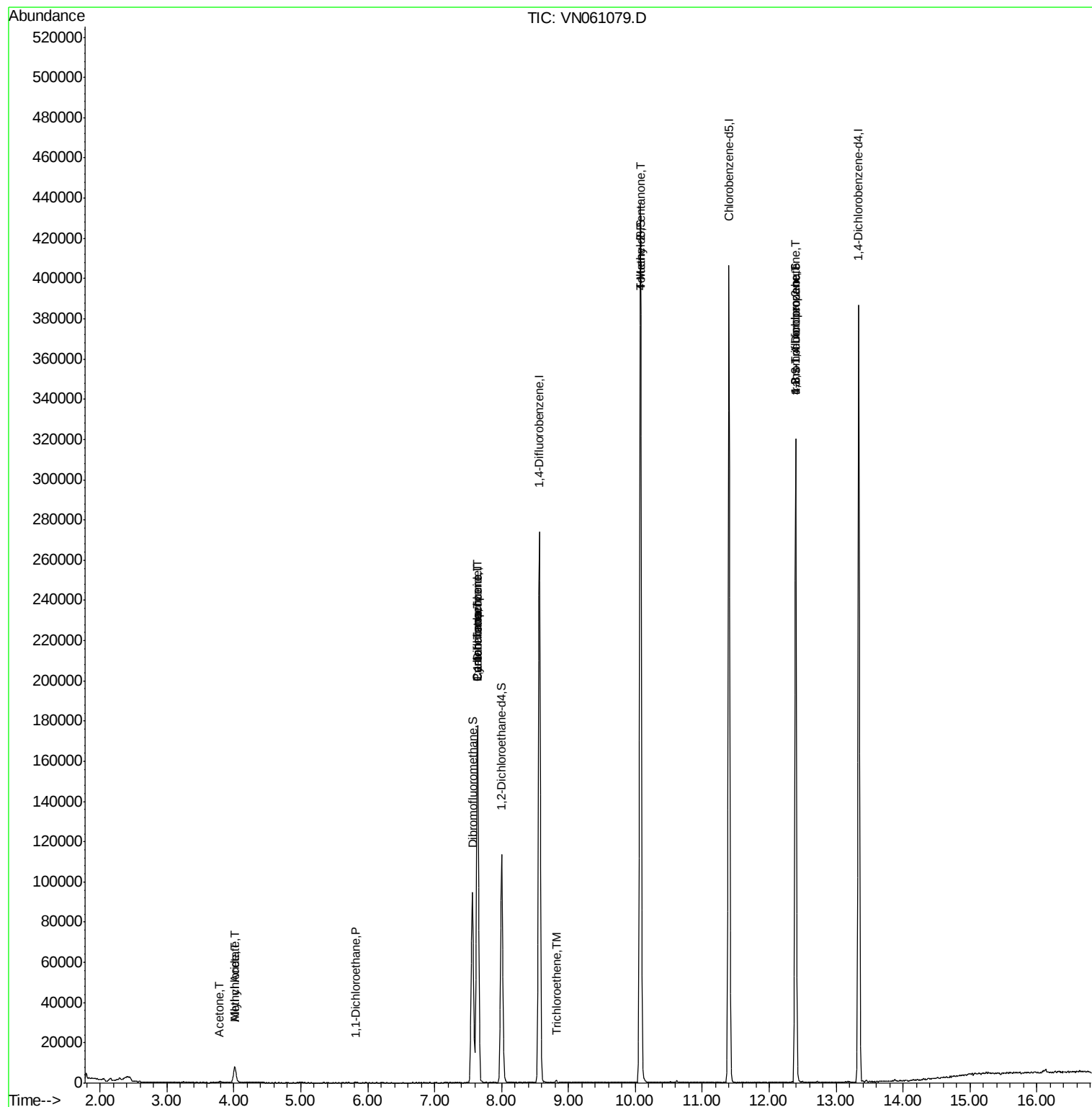
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
14) Allyl chloride	4.00	41	988	0.335	ug/l #	43
16) Acetone	3.79	43	1224	1.528	ug/l #	44
18) Methyl Acetate	4.02	43	2824	1.124	ug/l #	54
24) 1,1-Dichloroethane	5.82	63	746	0.226	ug/l #	85
31) Cyclohexane	7.64	56	3071	0.906	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	11734	4.731	ug/l #	48
38) Carbon Tetrachloride	7.64	117	14157	6.857	ug/l #	15
44) Trichloroethene	8.82	130	435	0.235	ug/l	98
51) 4-Methyl-2-Pentanone	10.08	43	1469	0.582	ug/l #	1
76) 1,2,3-Trichloropropane	12.39	75	56840	25.643	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.39	75	56840	63.250	ug/l #	12

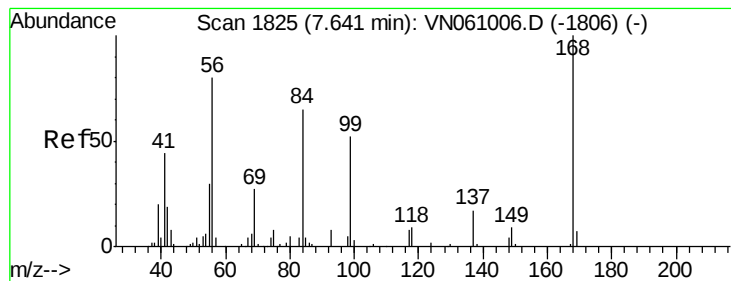
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN041720\
Data File : VN061079.D
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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: VN061079.D

Acq: 18 Apr 2020 2:44

Instrument :

MSVOA_N

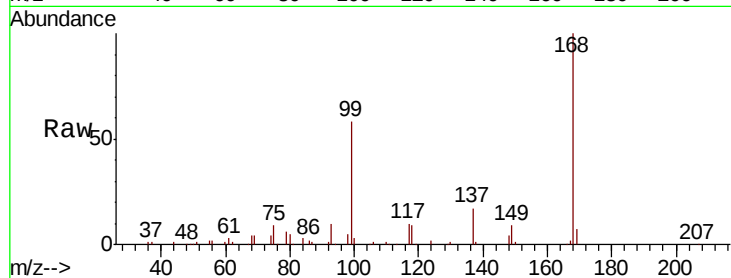
ClientSampleId :

Tot Ion:168 Resp: 142230

Ion Ratio Lower Upper

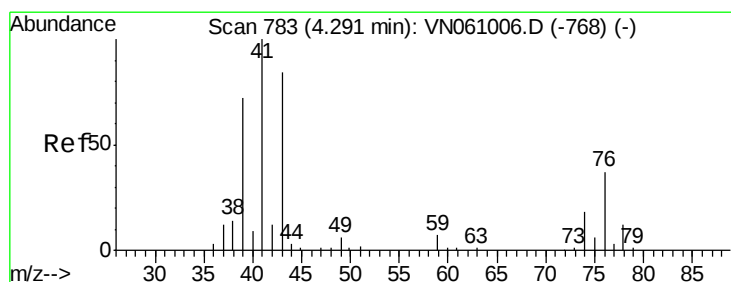
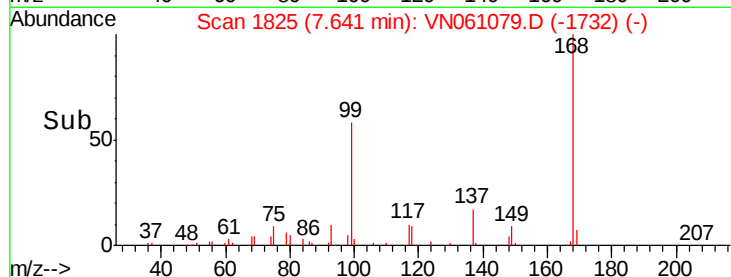
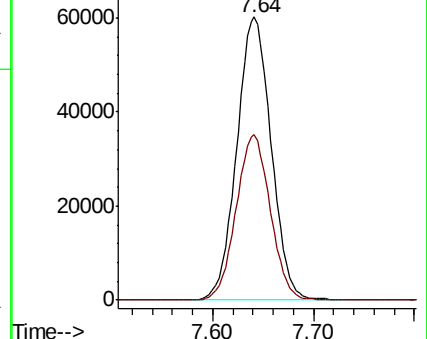
168 100

99 58.5 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#14

Allyl chloride

Concen: 0.335 ug/l

RT: 4.00 min Scan# 694

Delta R.T. -0.29 min

Lab File: VN061079.D

Acq: 18 Apr 2020 2:44

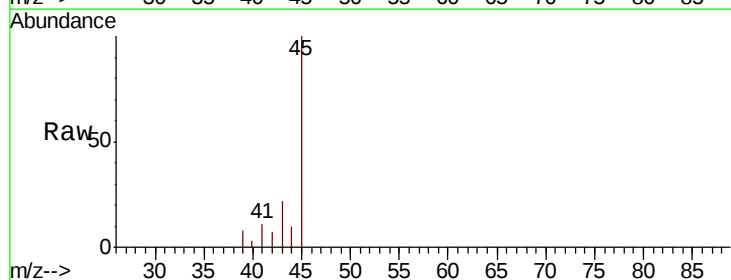
Tgt Ion: 41 Resp: 988

Ion Ratio Lower Upper

41 100

39 24.9 56.3 84.5#

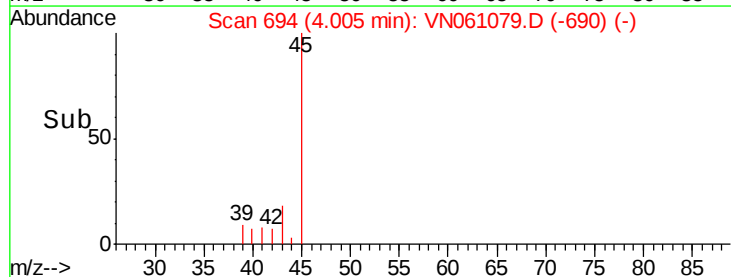
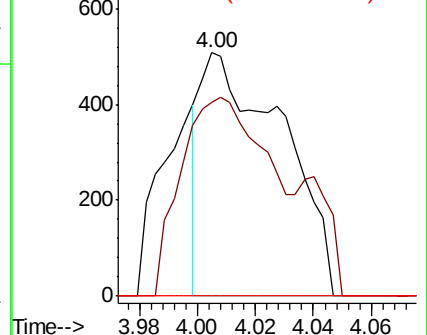
76 0.0 27.7 41.5#

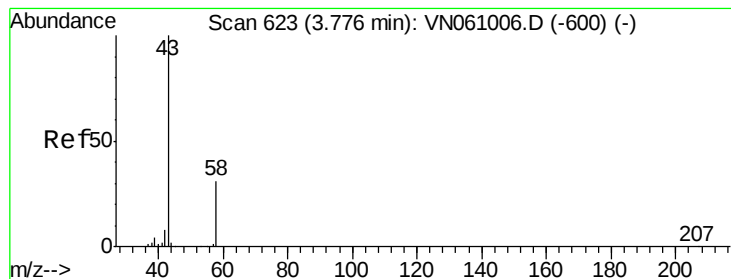


Abundance Ion 41.00 (40.70 to 41.70): VN

Ion 39.00 (38.70 to 39.70): VN

Ion 75.90 (75.60 to 76.60): VN





#16

Acetone

Concen: 1.528 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN061079.D

Acq: 18 Apr 2020 2:44

Instrument :

MSVOA_N

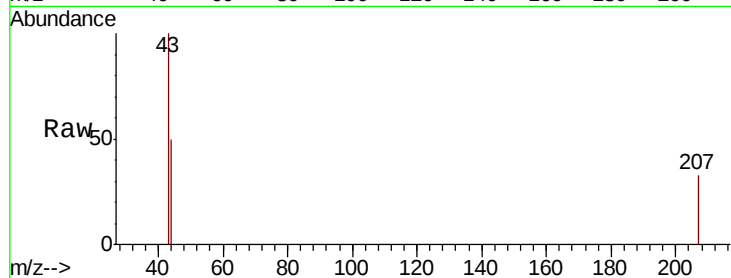
ClientSampled :

Tot Ion: 43 Resp: 1224

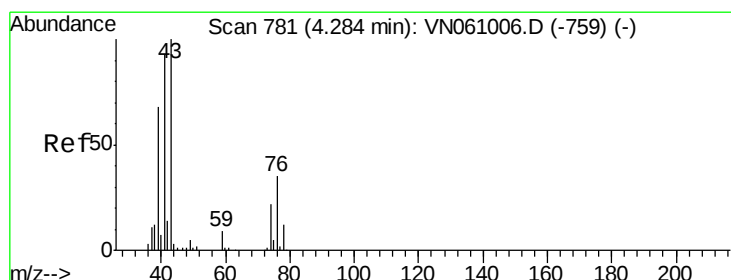
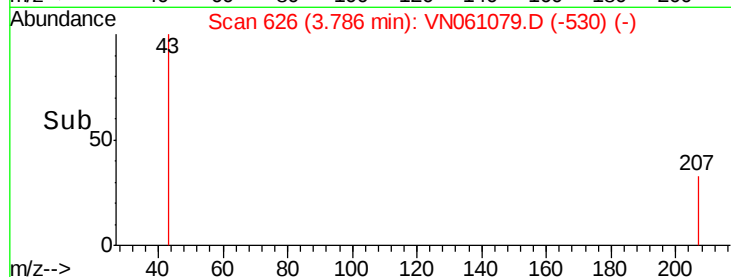
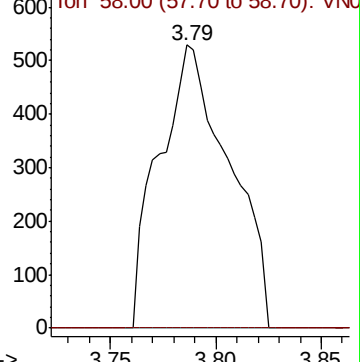
Ion Ratio Lower Upper

43 100

58 0.0 24.6 37.0#



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



#18

Methyl Acetate

Concen: 1.124 ug/l

RT: 4.02 min Scan# 698

Delta R.T. -0.27 min

Lab File: VN061079.D

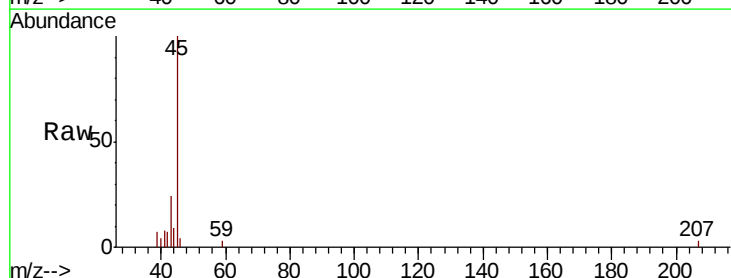
Acq: 18 Apr 2020 2:44

Tgt Ion: 43 Resp: 2824

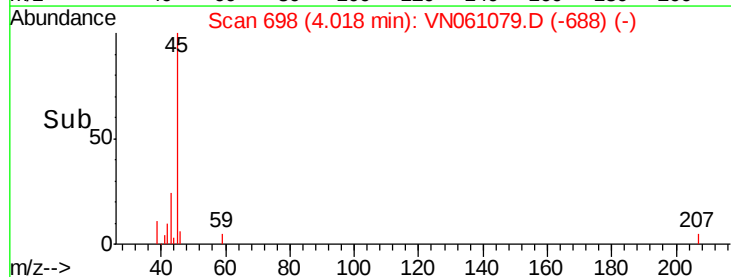
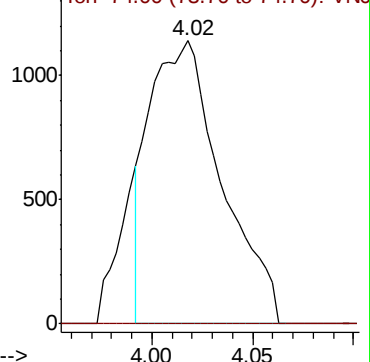
Ion Ratio Lower Upper

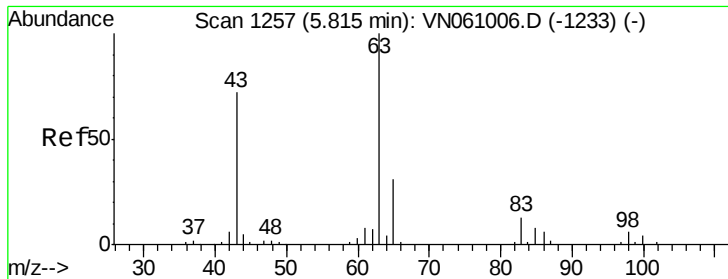
43 100

74 0.0 17.4 26.0#



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

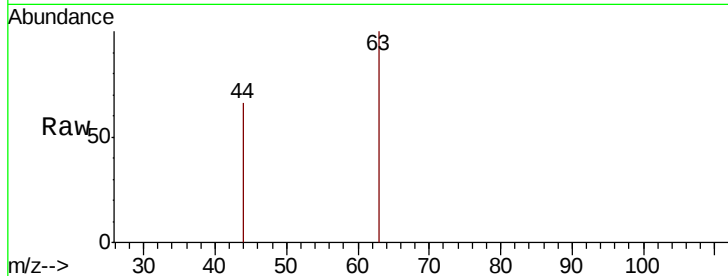




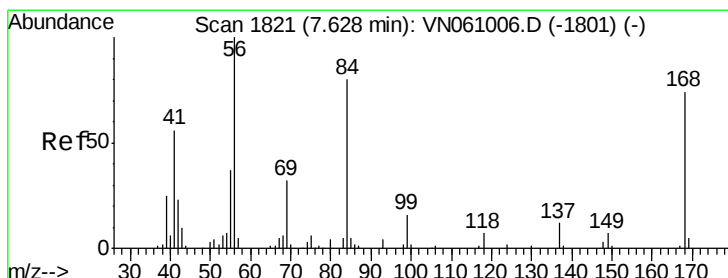
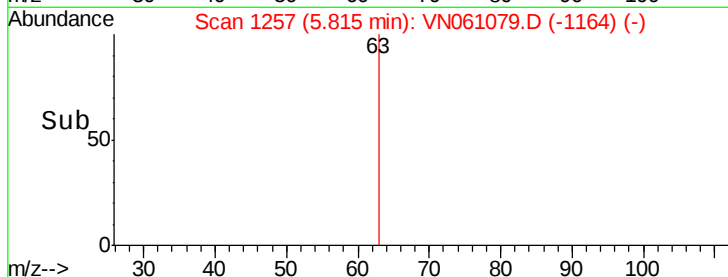
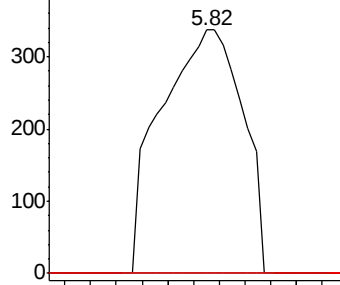
#24
 1,1-Dichloroethane
 Concen: 0.226 ug/l
 RT: 5.82 min Scan# 1257
 Delta R.T. 0.00 min
 Lab File: VN061079.D
 Acq: 18 Apr 2020 2:44

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 63 Resp: 746
 Ion Ratio Lower Upper
 63 100
 98 0.0 2.9 8.8#
 100 0.0 2.0 5.8#

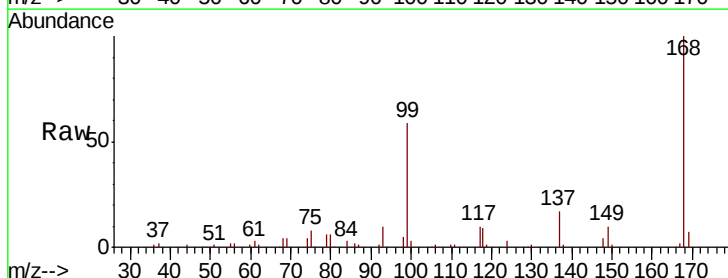


Abundance Ion 62.90 (62.60 to 63.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0
 Ion 99.90 (99.60 to 100.60): VN0

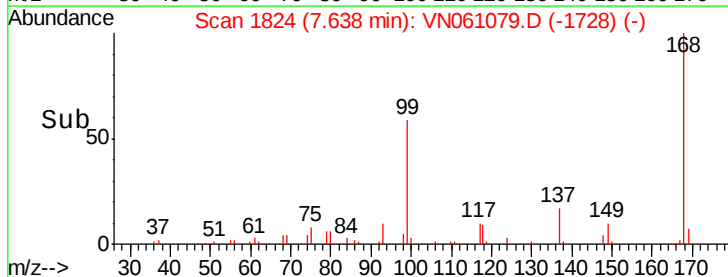
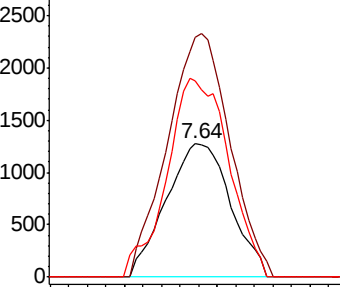


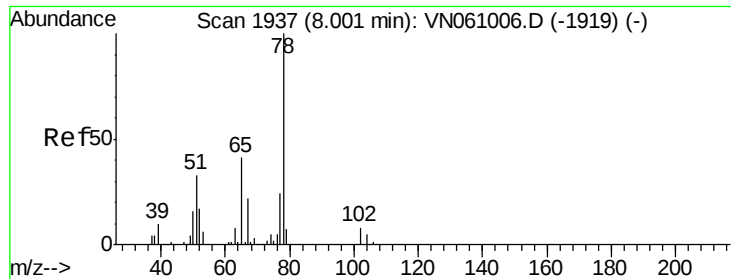
#31
 Cyclohexane
 Concen: 0.906 ug/l
 RT: 7.64 min Scan# 1824
 Delta R.T. 0.01 min
 Lab File: VN061079.D
 Acq: 18 Apr 2020 2:44

Tgt Ion: 56 Resp: 3071
 Ion Ratio Lower Upper
 56 100
 69 180.2 25.6 38.4#
 84 147.5 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

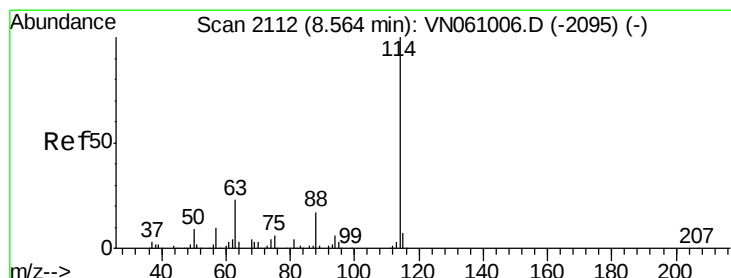
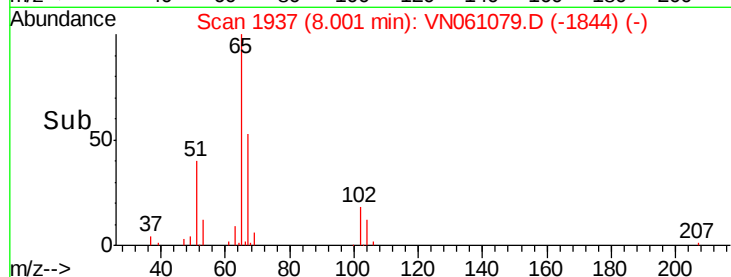
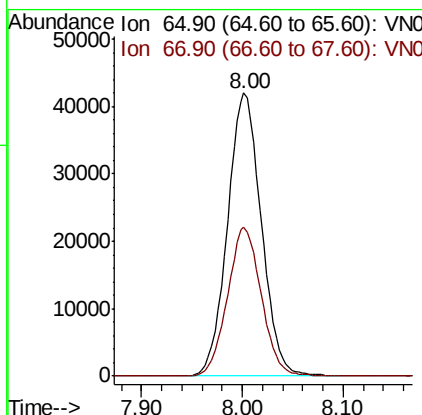
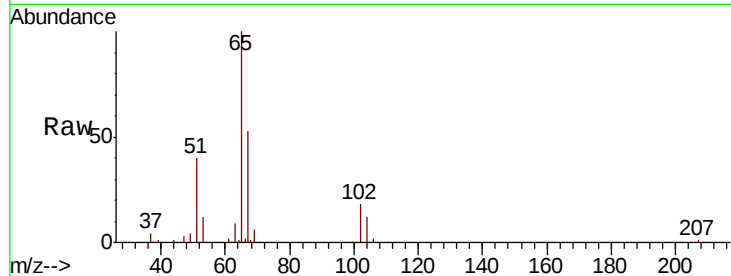




#33
 1,2-Dichloroethane-d4
 Concen: 53.713 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VN061079.D
 Acq: 18 Apr 2020 2:44

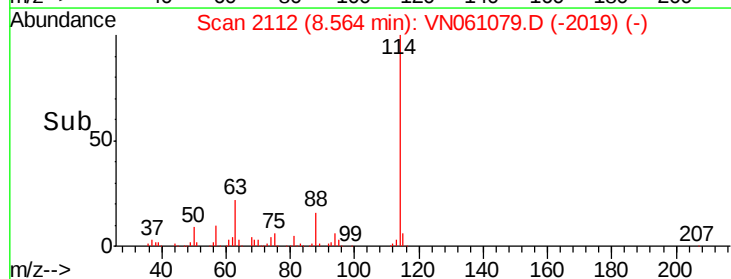
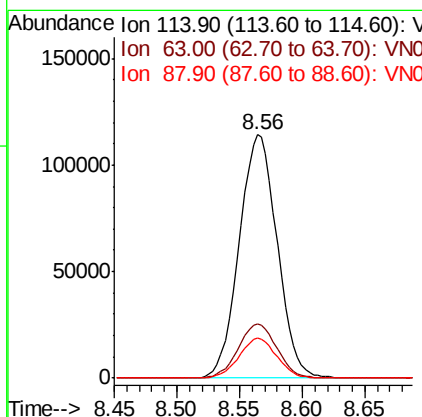
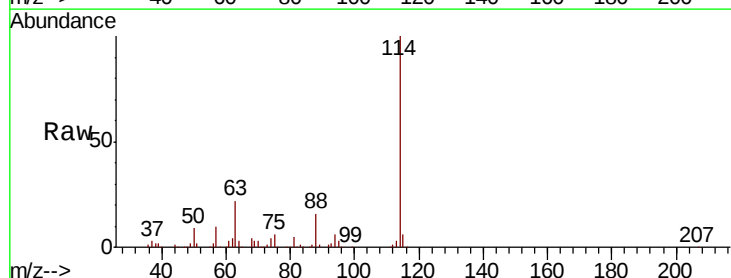
Instrument :
 MSVOA_N
 ClientSampleId :

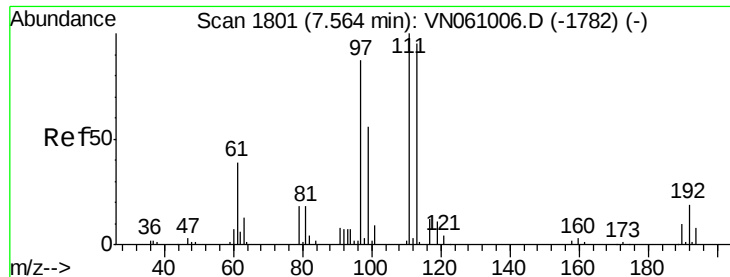
Tot Ion: 65 Resp: 97744
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. 0.00 min
 Lab File: VN061079.D
 Acq: 18 Apr 2020 2:44

Tgt Ion: 114 Resp: 240352
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 46.2
 88 16.4 0.0 33.4

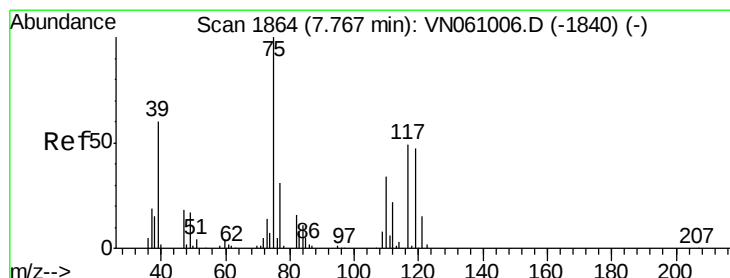
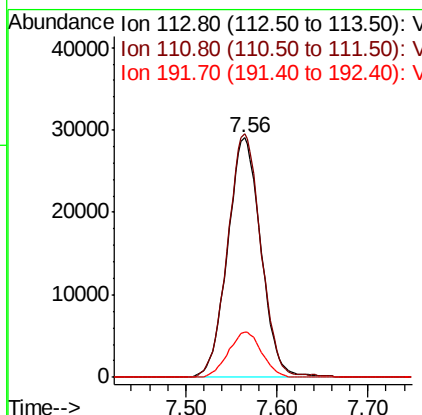
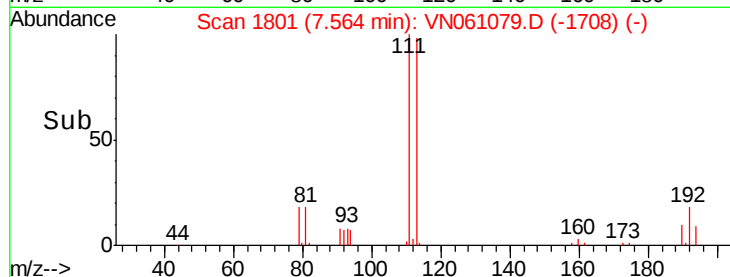
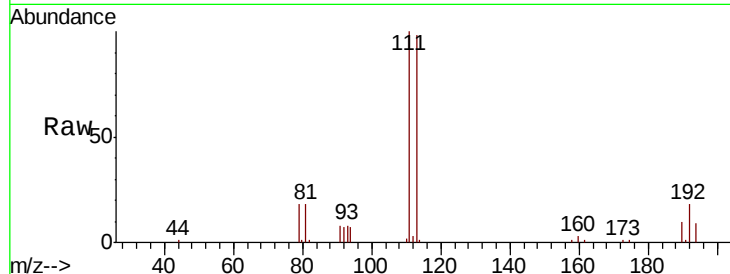




#35
 Dibromofluoromethane
 Concen: 52.634 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: VN061079.D
 Acq: 18 Apr 2020 2:44

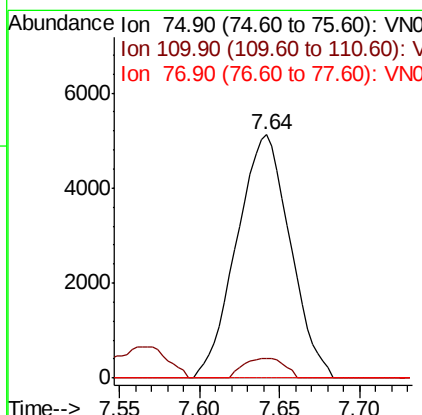
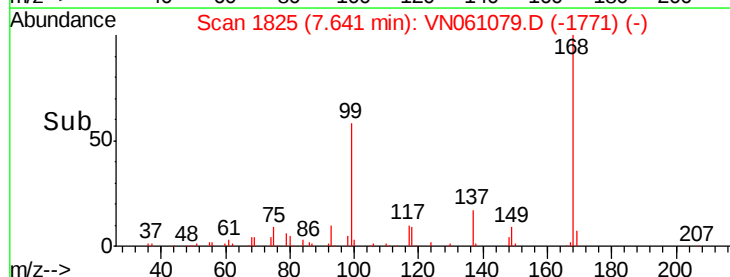
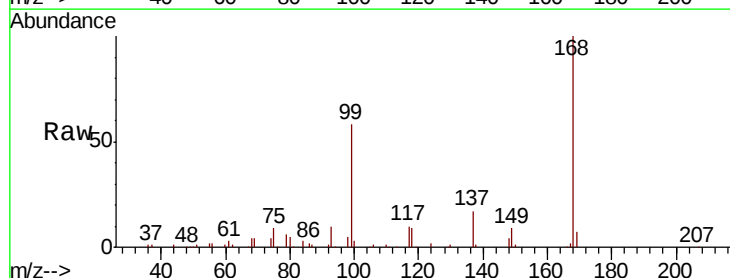
Instrument :
 MSVOA_N
 ClientSampleId :

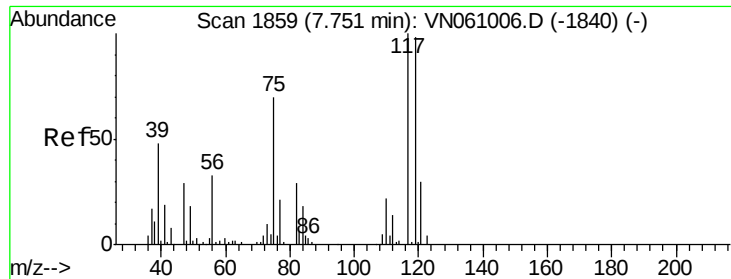
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.2	83.4	125.2
192	18.9	15.5	23.3



#36
 1,1-Dichloropropene
 Concen: 4.731 ug/l
 RT: 7.64 min Scan# 1825
 Delta R.T. -0.13 min
 Lab File: VN061079.D
 Acq: 18 Apr 2020 2:44

Tgt Ion	Ratio	Lower	Upper
75	100		
110	6.2	16.8	50.3#
77	0.0	24.7	37.1#





#38

Carbon Tetrachloride

Concen: 6.857 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.11 min

Lab File: VN061079.D

Acq: 18 Apr 2020 2:44

Instrument :

MSVOA_N

ClientSampled :

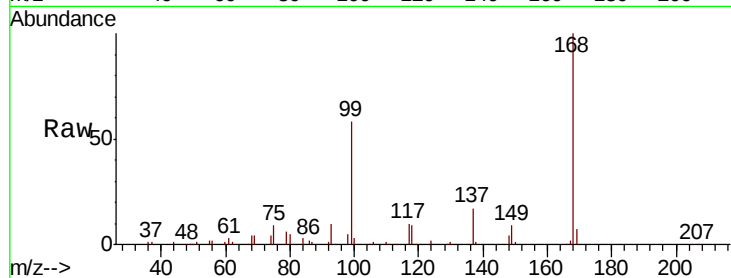
Tot Ion:117 Resp: 14157

Ion Ratio Lower Upper

117 100

119 4.8 78.1 117.1#

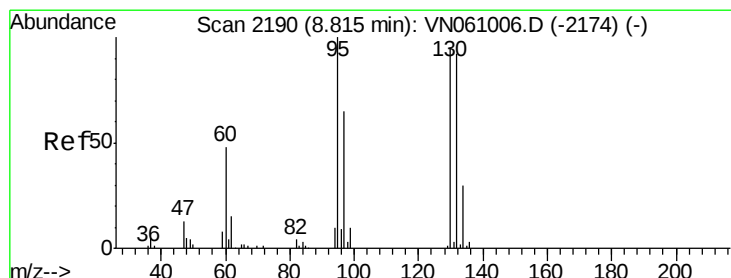
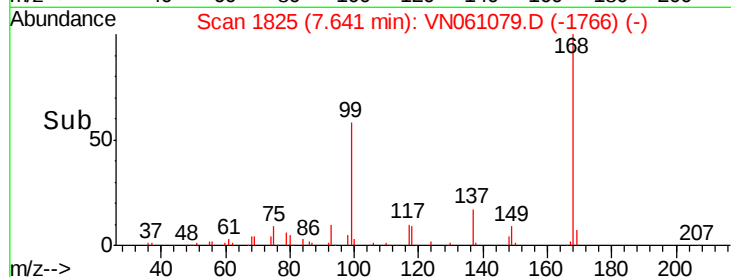
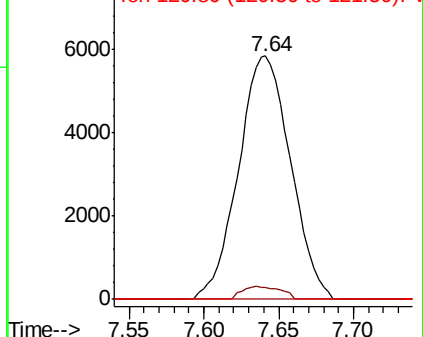
121 0.0 24.0 36.0#



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



#44

Trichloroethene

Concen: 0.235 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. 0.00 min

Lab File: VN061079.D

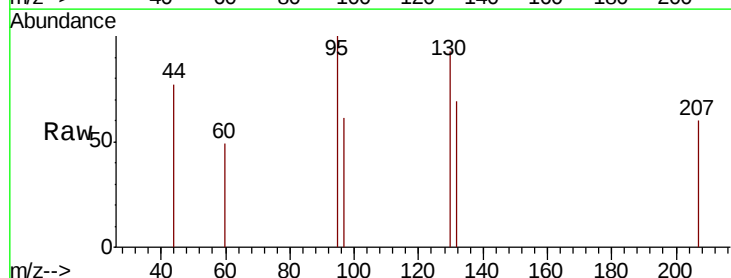
Acq: 18 Apr 2020 2:44

Tgt Ion:130 Resp: 435

Ion Ratio Lower Upper

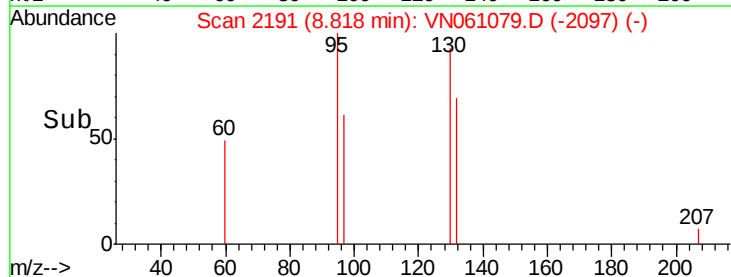
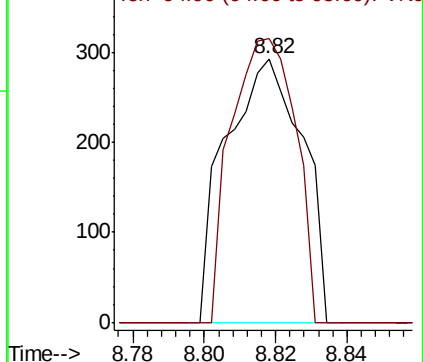
130 100

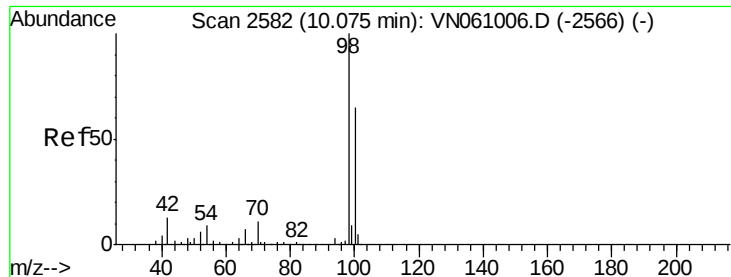
95 107.5 0.0 210.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0





#50

Toluene-d8

Concen: 56.403 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. 0.00 min

Lab File: VN061079.D

Acq: 18 Apr 2020 2:44

Instrument :

MSVOA_N

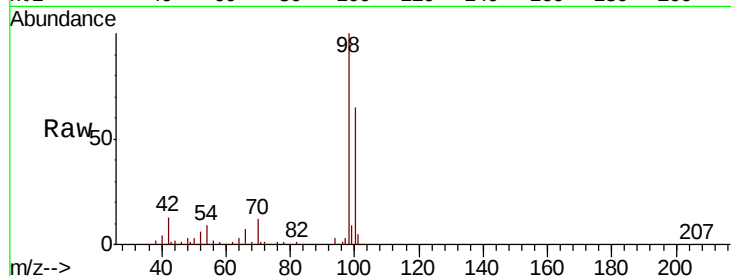
ClientSampleId :

Tot Ion: 98 Resp: 299162

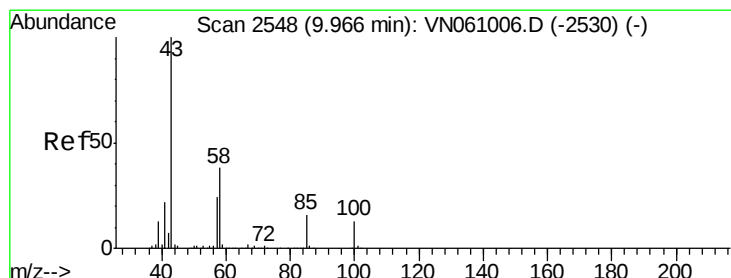
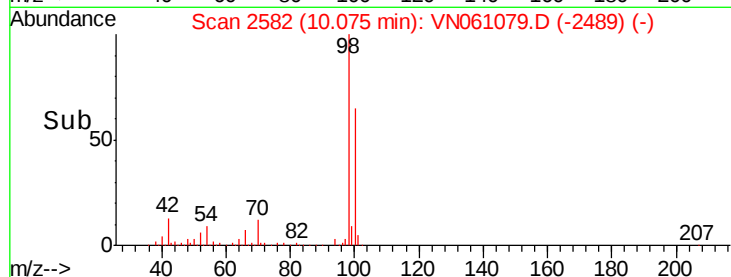
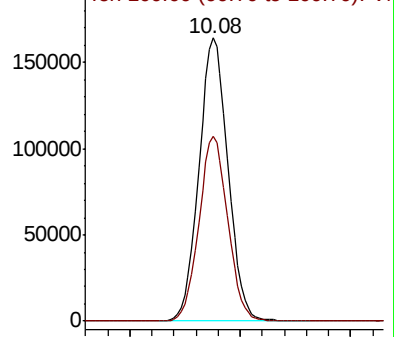
Ion Ratio Lower Upper

98 100

100 64.8 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN061006.D (-2566) (-)



#51

4-Methyl-2-Pentanone

Concen: 0.582 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. 0.11 min

Lab File: VN061079.D

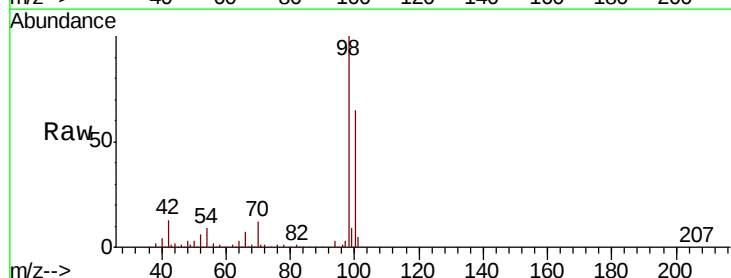
Acq: 18 Apr 2020 2:44

Tgt Ion: 43 Resp: 1469

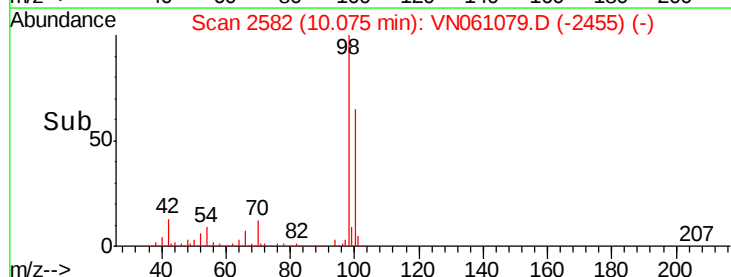
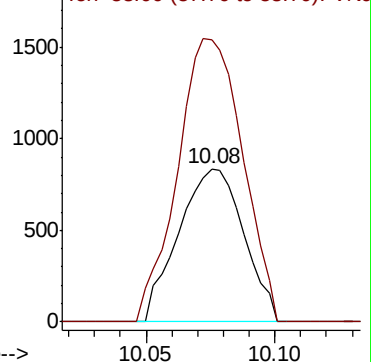
Ion Ratio Lower Upper

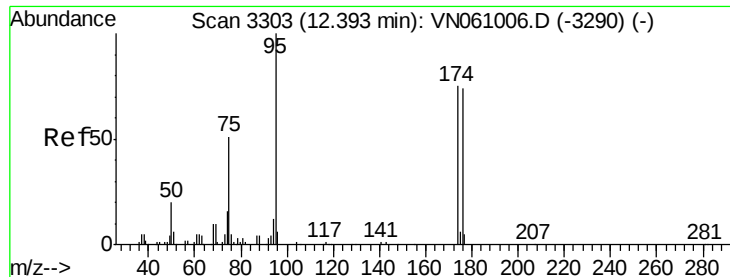
43 100

58 185.0 30.3 45.5#



Abundance Ion 43.00 (42.70 to 43.70): VN061006.D (-2530) (-)





#62

4-Bromofluorobenzene

Concen: 53.526 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. 0.00 min

Lab File: VN061079.D

Acq: 18 Apr 2020 2:44

Instrument :

MSVOA_N

ClientSampleId :

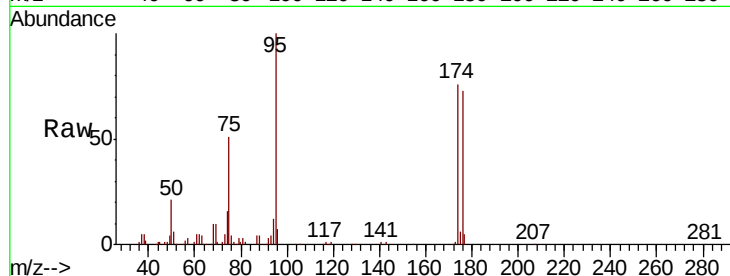
Tot Ion: 95 Resp: 111269

Ion Ratio Lower Upper

95 100

174 77.1 0.0 151.2

176 74.5 0.0 148.2



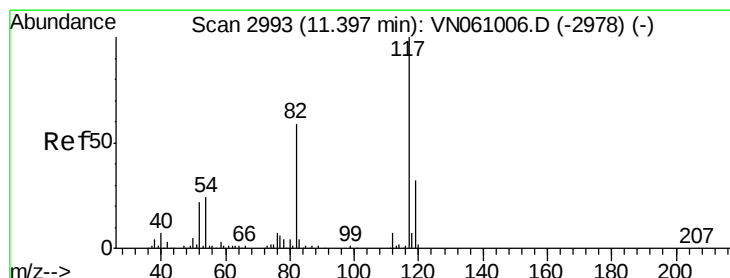
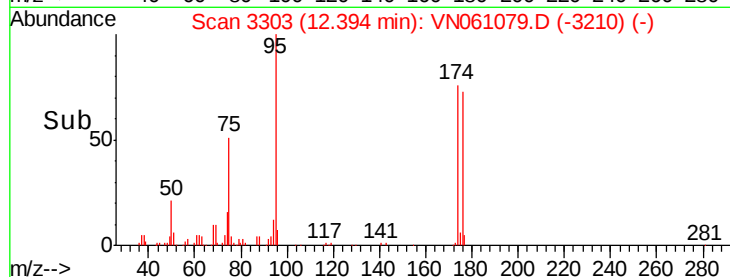
Abundance Ion 94.90 (94.60 to 95.60): VN061006.D (-3290) (-)

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

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

12.39

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2993

Delta R.T. 0.00 min

Lab File: VN061079.D

Acq: 18 Apr 2020 2:44

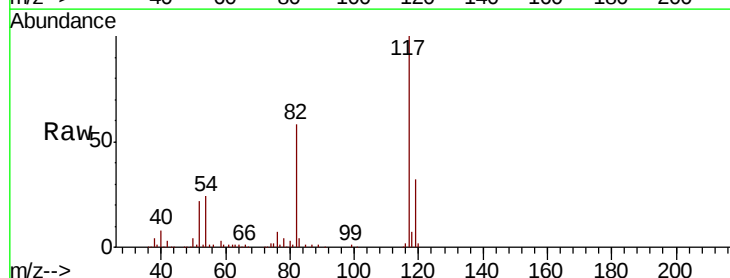
Tgt Ion: 117 Resp: 229024

Ion Ratio Lower Upper

117 100

82 57.8 47.1 70.7

119 32.1 25.7 38.5



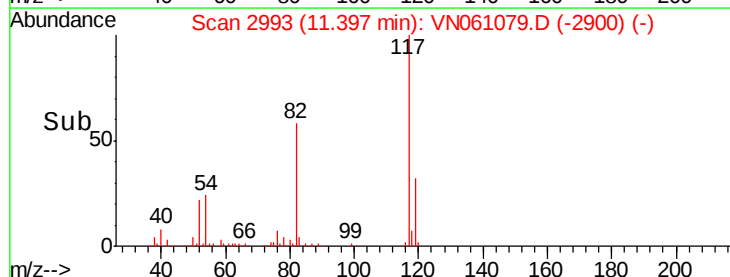
Abundance Ion 116.90 (116.60 to 117.60): VN061006.D (-2978) (-)

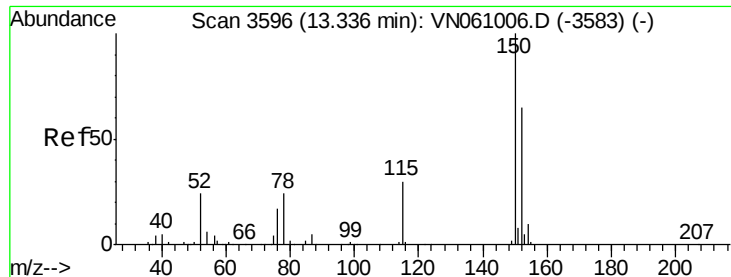
Ion 82.00 (81.70 to 82.70): VN061006.D (-2978) (-)

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

11.40

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN061079.D

Acq: 18 Apr 2020 2:44

Instrument :

MSVOA_N

ClientSampleId :

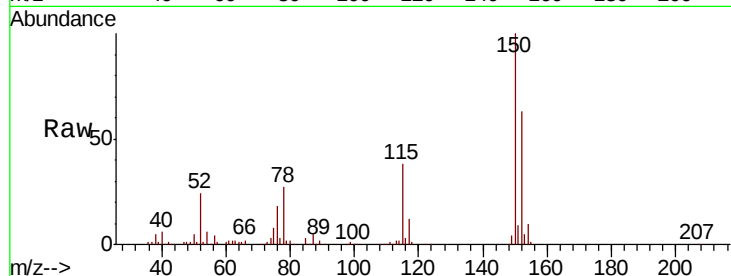
Tot Ion:152 Resp: 100773

Ion Ratio Lower Upper

152 100

115 60.5 30.8 92.4

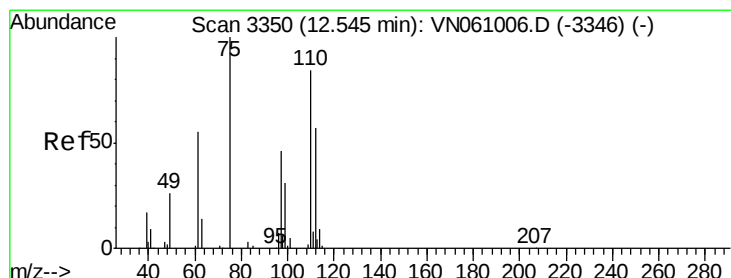
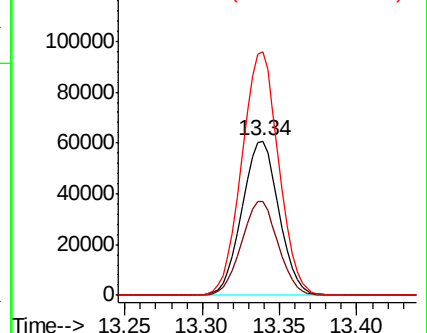
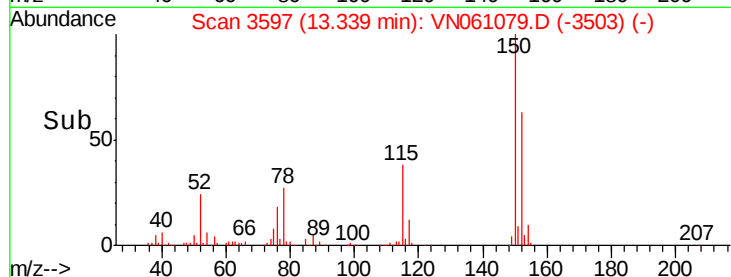
150 157.9 0.0 349.0



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: 25.643 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. -0.15 min

Lab File: VN061079.D

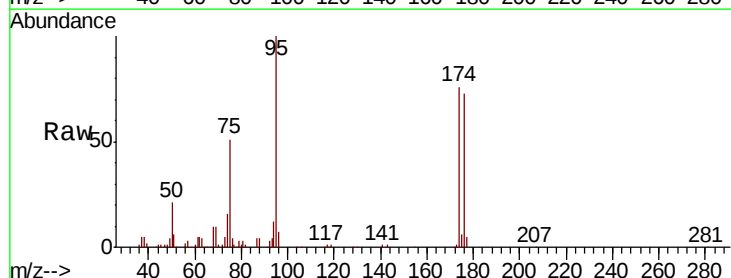
Acq: 18 Apr 2020 2:44

Tgt Ion: 75 Resp: 56840

Ion Ratio Lower Upper

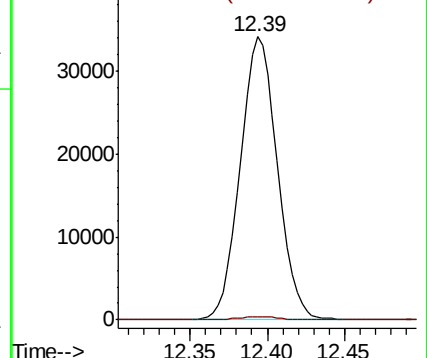
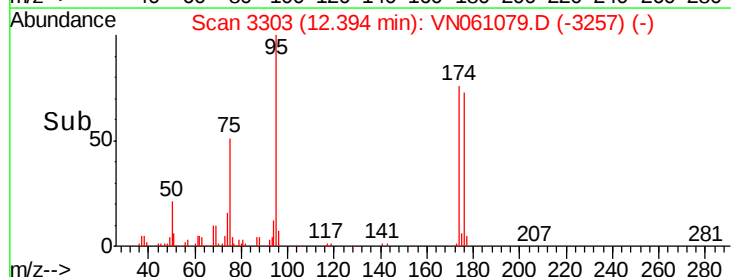
75 100

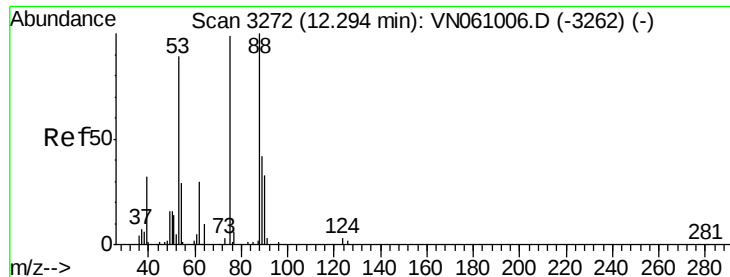
77 1.1 0.0 0.0#



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: 63.250 ug/l
 RT: 12.39 min Scan# 3303
 Delta R.T. 0.10 min
 Lab File: VN061079.D
 Acq: 18 Apr 2020 2:44

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 75 Resp: 56840
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.7 112.1#
 89 0.0 34.6 52.0#

