

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050520\
 Data File : VN061294.D
 Acq On : 5 May 2020 16:05
 Operator : JC/MD
 Sample : L2514-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 06 03:49:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 05 07:01:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	102122	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	183703	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	175993	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	78406	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	84280	52.16	ug/l	0.00
Spiked Amount						
			Recovery	=	104.32%	
35) Dibromofluoromethane	7.55	113	53853	49.58	ug/l	0.00
Spiked Amount						
			Recovery	=	99.16%	
50) Toluene-d8	10.06	98	228398	51.58	ug/l	0.00
Spiked Amount						
			Recovery	=	103.16%	
62) 4-Bromofluorobenzene	12.38	95	86671	52.01	ug/l	0.00
Spiked Amount						
			Recovery	=	104.02%	

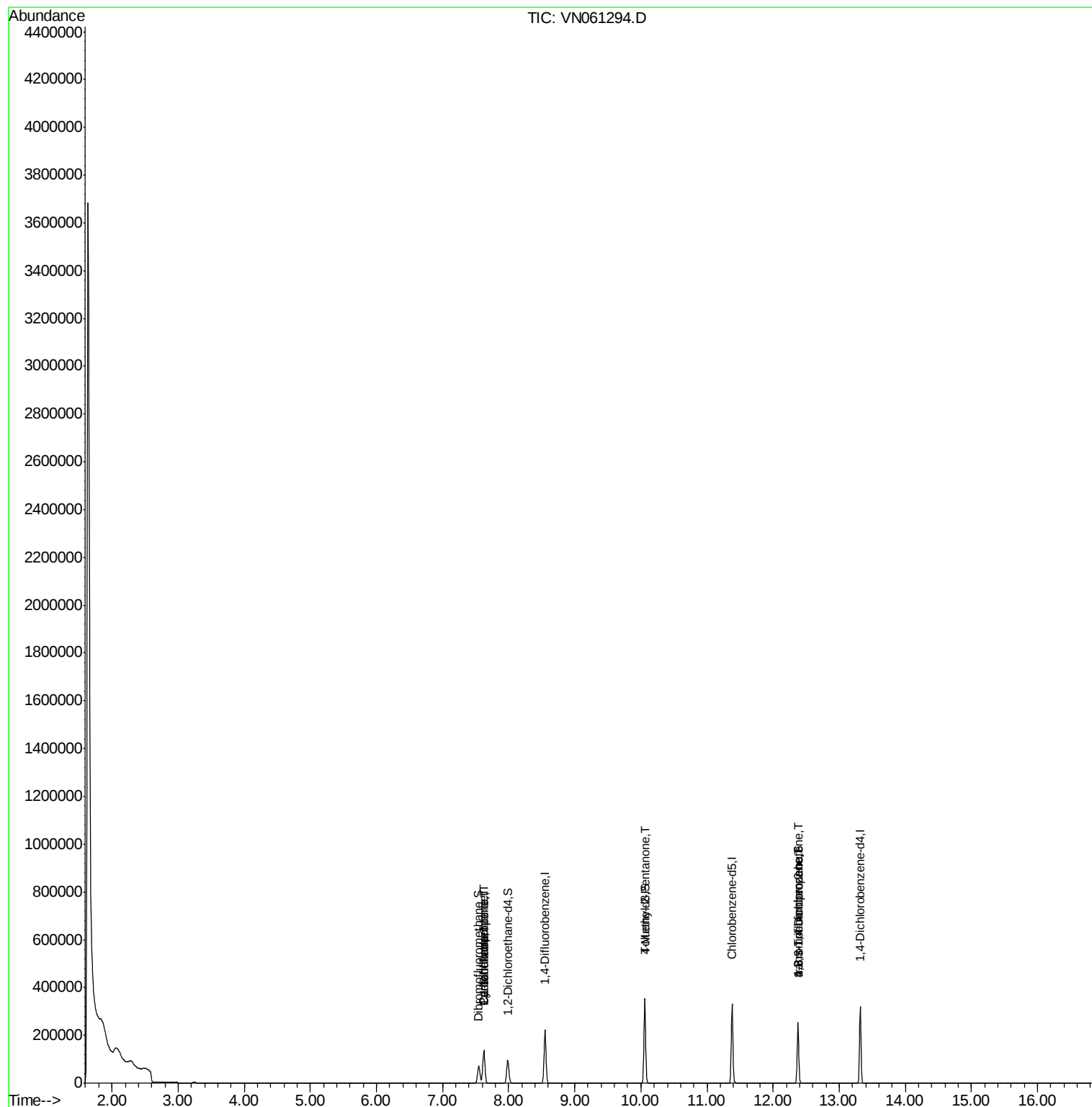
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.78	43	1539	Below Cal	#	47
31) Cyclohexane	7.62	56	2998	1.275	ug/l #	30
36) 1,1-Dichloropropene	7.63	75	9368	5.094	ug/l #	49
38) Carbon Tetrachloride	7.62	117	11419	8.781	ug/l #	17
51) 4-Methyl-2-Pentanone	10.06	43	1233	0.585	ug/l #	1
76) 1,2,3-Trichloropropane	12.38	75	47645	28.823	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	47645	73.196	ug/l #	8

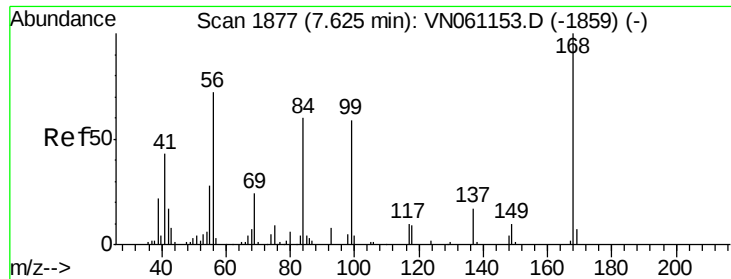
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050520\
Data File : VN061294.D
Acq On : 5 May 2020 16:05
Operator : JC/MD
Sample : L2514-06
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: May 06 03:49:23 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
Quant Title : SW846 8260
QLast Update : Tue May 05 07:01:08 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VN061294.D

Acq: 5 May 2020 16:05

Instrument :

MSVOA_N

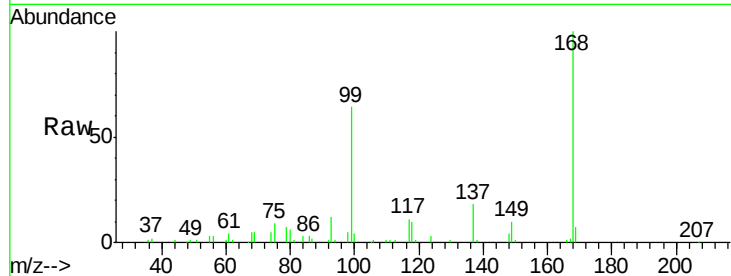
ClientSampleId :

Tot Ion:168 Resp: 102122

Ion Ratio Lower Upper

168 100

99 64.0 51.2 76.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

40000

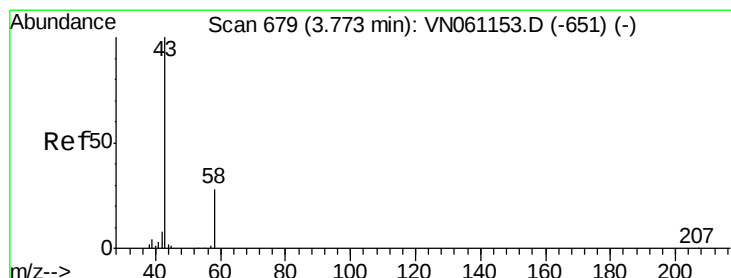
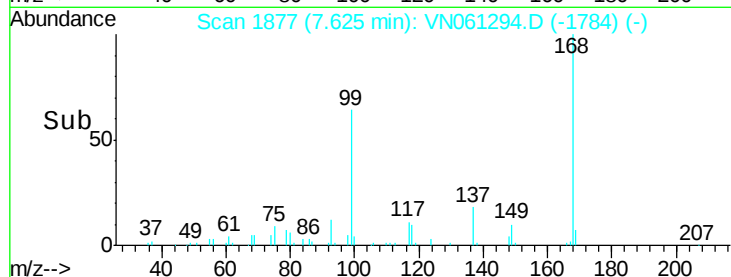
30000

20000

10000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: Below Cal

RT: 3.78 min Scan# 680

Delta R.T. 0.00 min

Lab File: VN061294.D

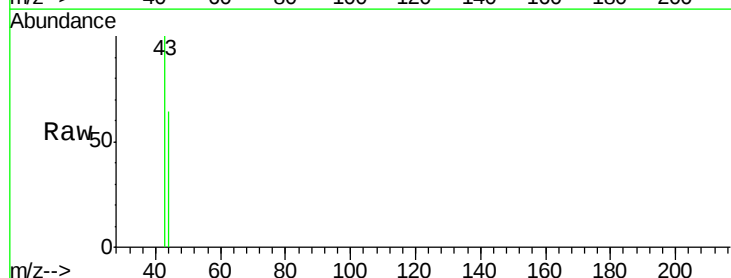
Acq: 5 May 2020 16:05

Tgt Ion: 43 Resp: 1539

Ion Ratio Lower Upper

43 100

58 0.0 22.2 33.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.78

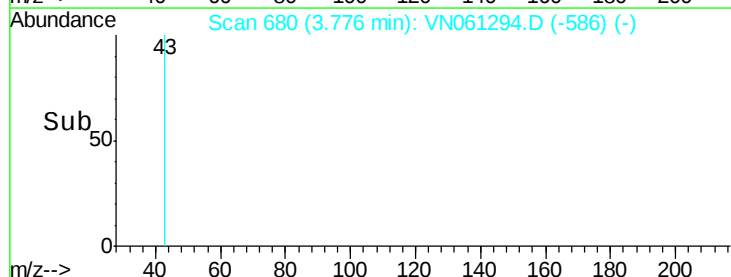
600

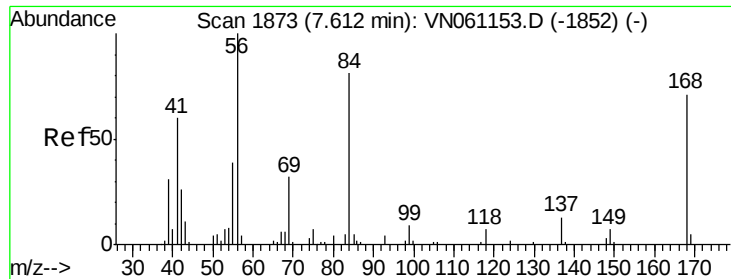
400

200

0

Time--> 3.75 3.80 3.85

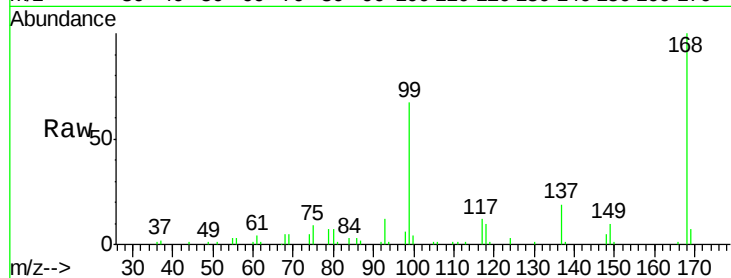




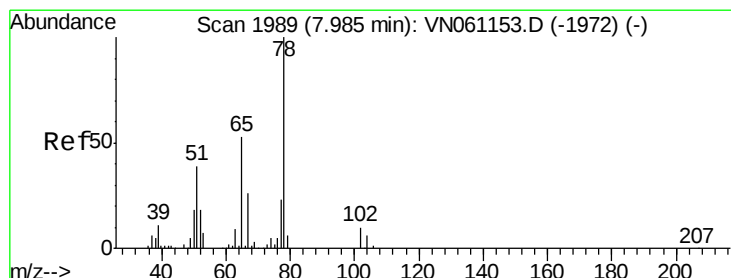
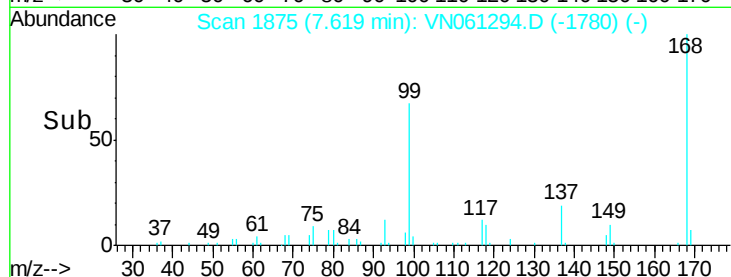
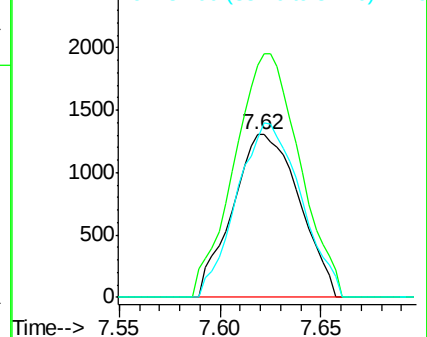
#31
Cyclohexane
Concen: 1.275 ug/l
RT: 7.62 min Scan# 1875
Delta R.T. 0.01 min
Lab File: VN061294.D
Acq: 5 May 2020 16:05

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 2998
Ion Ratio Lower Upper
56 100
69 142.7 25.7 38.5#
84 97.8 64.6 97.0#

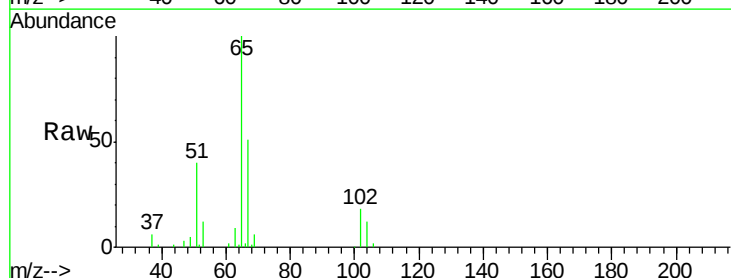


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

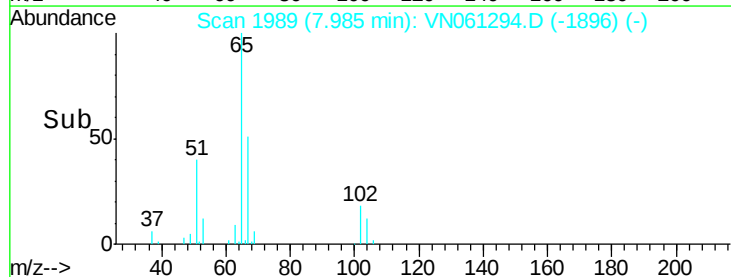
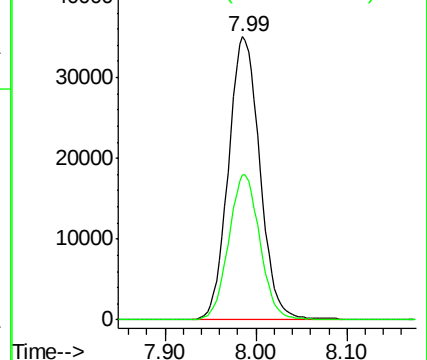


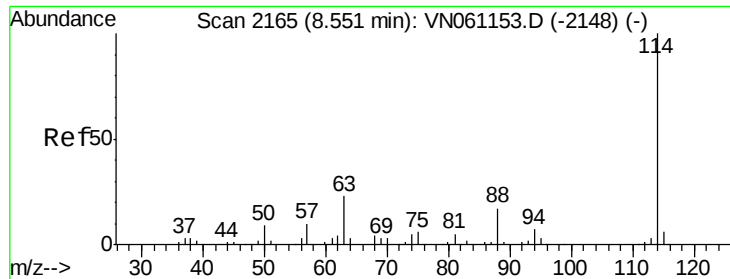
#33
1,2-Dichloroethane-d4
Concen: 52.157 ug/l
RT: 7.99 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VN061294.D
Acq: 5 May 2020 16:05

Tgt Ion: 65 Resp: 84280
Ion Ratio Lower Upper
65 100
67 50.8 0.0 101.6



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

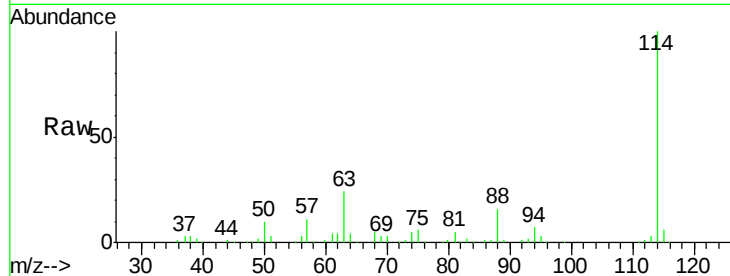




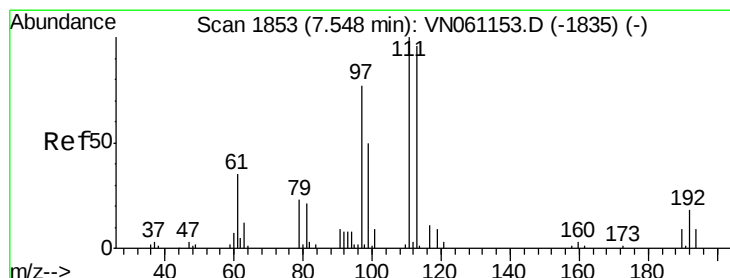
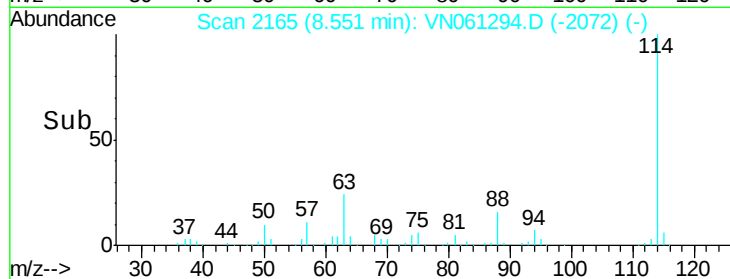
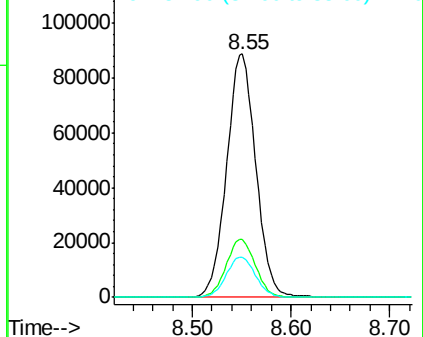
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VN061294.D
 Acq: 5 May 2020 16:05

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:114 Resp: 183703
 Ion Ratio Lower Upper
 114 100
 63 23.7 0.0 46.6
 88 16.5 0.0 33.4

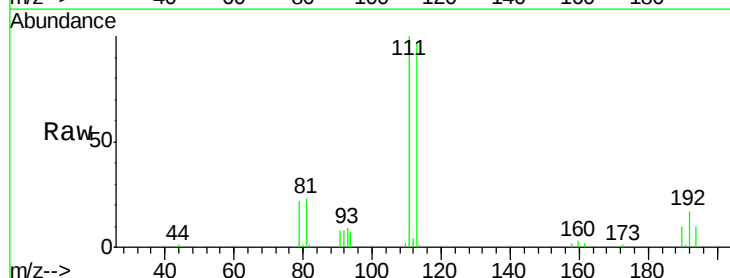


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

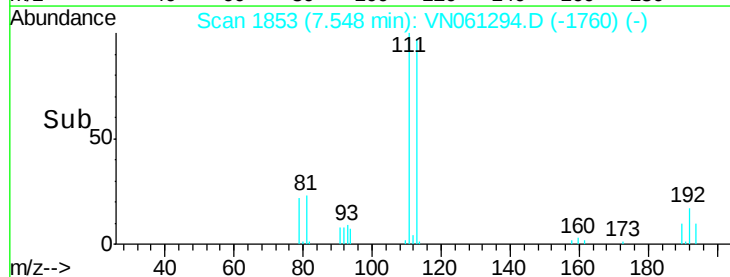
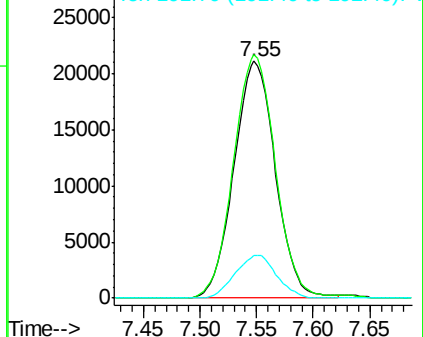


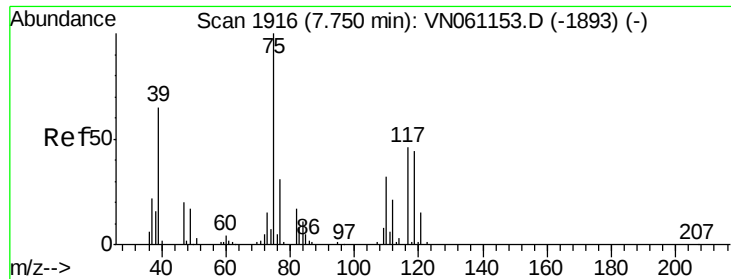
#35
 Dibromofluoromethane
 Concen: 49.576 ug/l
 RT: 7.55 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: VN061294.D
 Acq: 5 May 2020 16:05

Tgt Ion:113 Resp: 53853
 Ion Ratio Lower Upper
 113 100
 111 103.5 82.9 124.3
 192 17.9 14.7 22.1



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

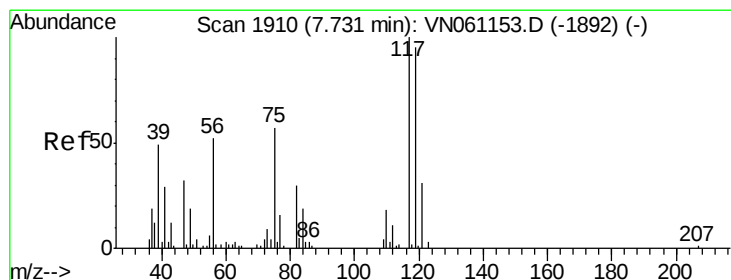
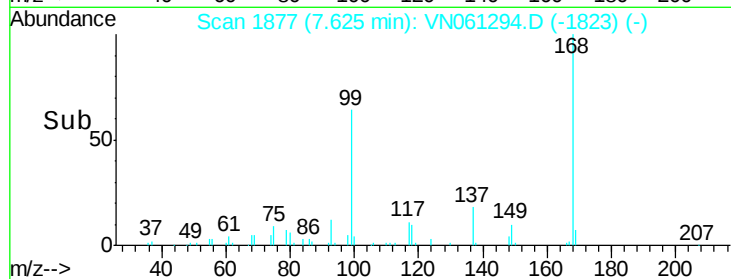
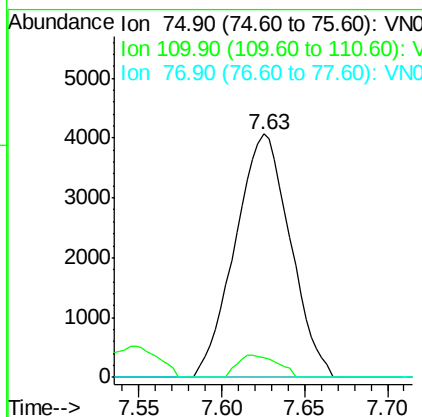
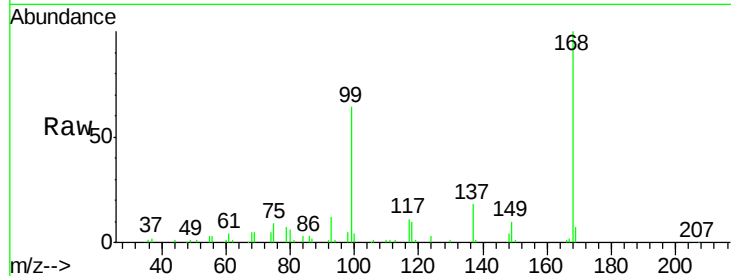




#36
 1,1-Dichloropropene
 Concen: 5.094 ug/l
 RT: 7.63 min Scan# 1877
 Delta R.T. -0.13 min
 Lab File: VN061294.D
 Acq: 5 May 2020 16:05

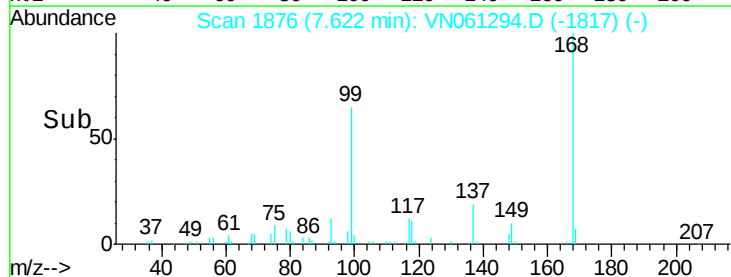
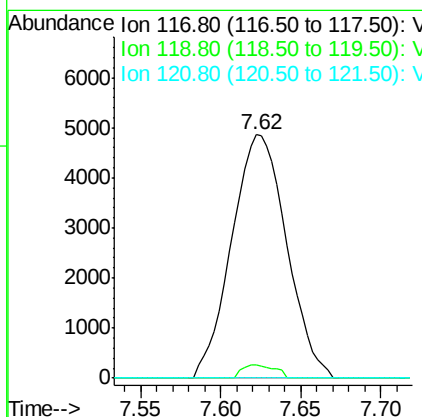
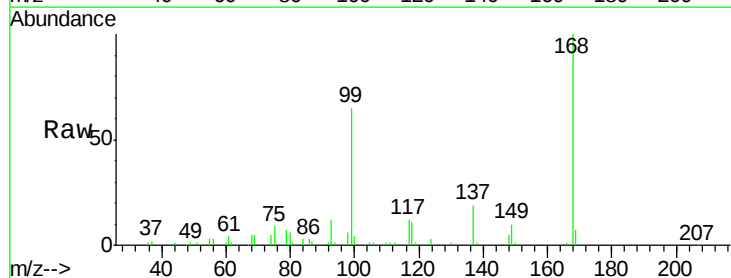
Instrument :
 MSVOA_N
 ClientSampled :

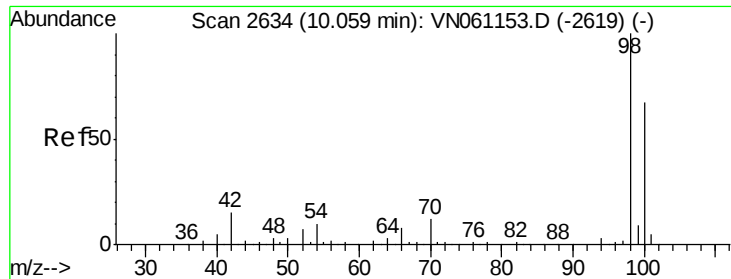
Tot Ion: 75 Resp: 9368
 Ion Ratio Lower Upper
 75 100
 110 6.7 16.0 48.0#
 77 0.0 24.6 37.0#



#38
 Carbon Tetrachloride
 Concen: 8.781 ug/l
 RT: 7.62 min Scan# 1876
 Delta R.T. -0.11 min
 Lab File: VN061294.D
 Acq: 5 May 2020 16:05

Tgt Ion: 117 Resp: 11419
 Ion Ratio Lower Upper
 117 100
 119 5.4 75.8 113.6#
 121 0.0 24.7 37.1#

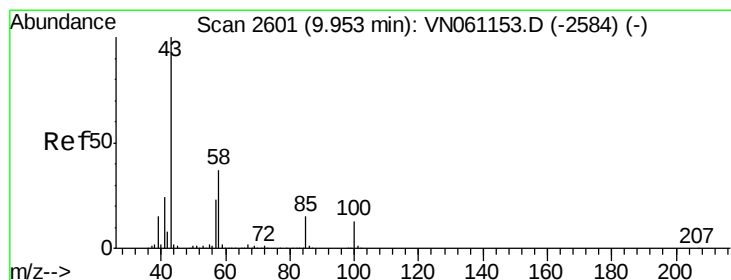
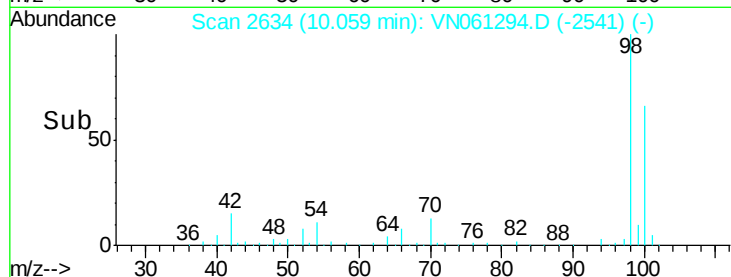
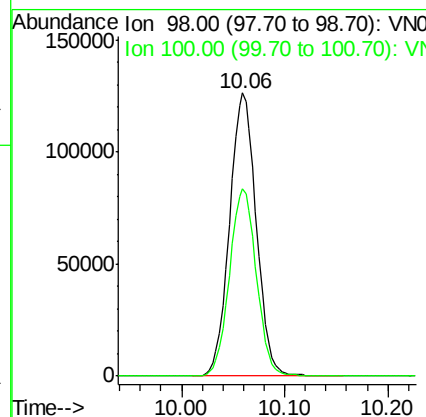
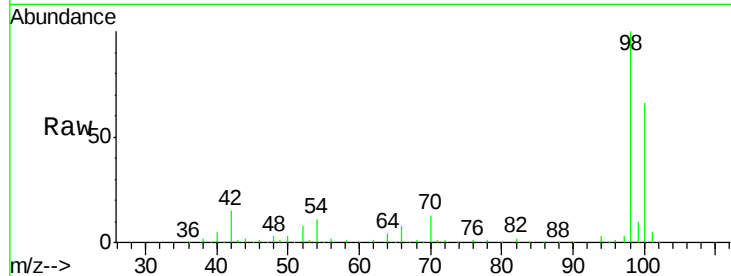




#50
Toluene-d8
Concen: 51.578 ug/l
RT: 10.06 min Scan# 2634
Delta R.T. 0.00 min
Lab File: VN061294.D
Acq: 5 May 2020 16:05

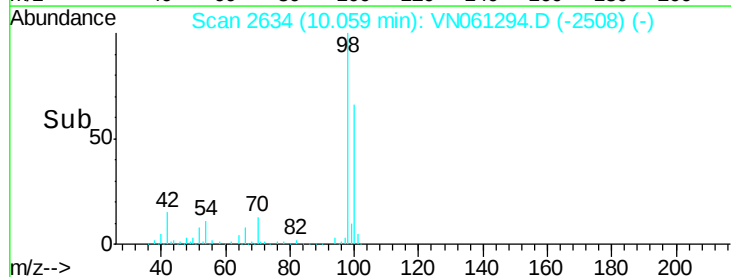
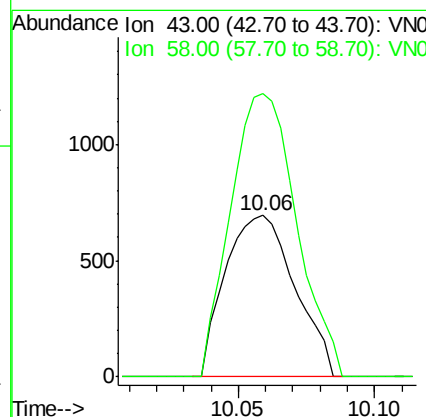
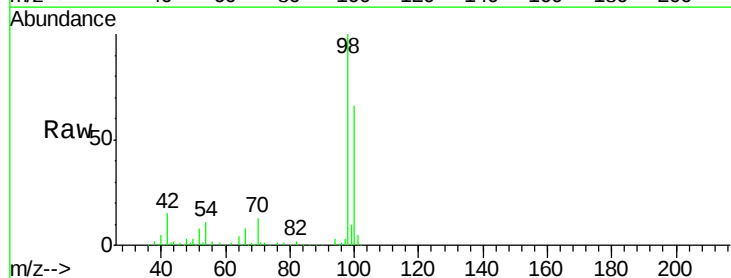
Instrument :
MSVOA_N
ClientSampled :

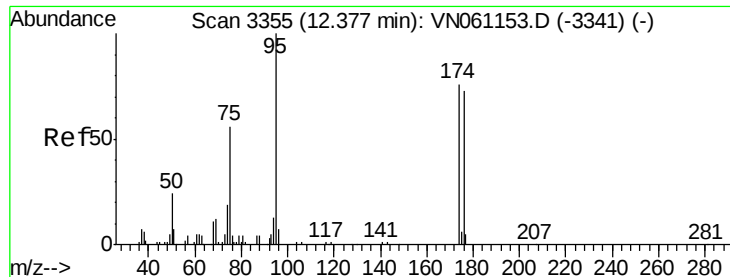
Tot Ion: 98 Resp: 228398
Ion Ratio Lower Upper
98 100
100 66.5 53.4 80.0



#51
4-Methyl-2-Pentanone
Concen: 0.585 ug/l
RT: 10.06 min Scan# 2634
Delta R.T. 0.11 min
Lab File: VN061294.D
Acq: 5 May 2020 16:05

Tgt Ion: 43 Resp: 1233
Ion Ratio Lower Upper
43 100
58 166.1 29.1 43.7#





#62

4-Bromofluorobenzene

Concen: 52.010 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN061294.D

Acq: 5 May 2020 16:05

Instrument :

MSVOA_N

ClientSampleId :

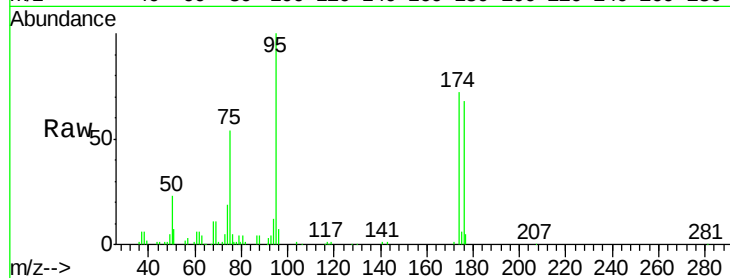
Tot Ion: 95 Resp: 86671

Ion Ratio Lower Upper

95 100

174 72.0 0.0 149.4

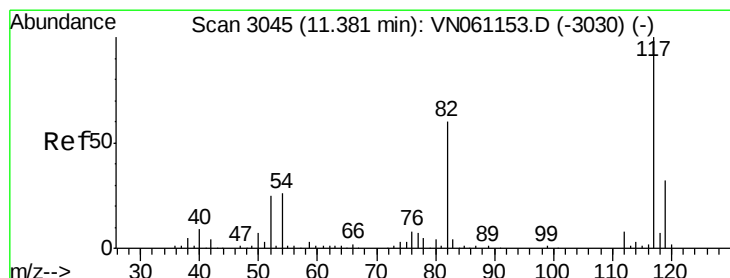
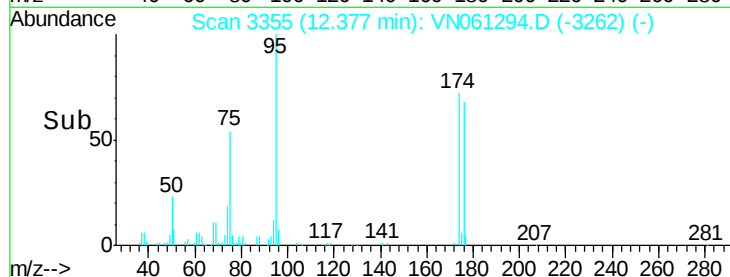
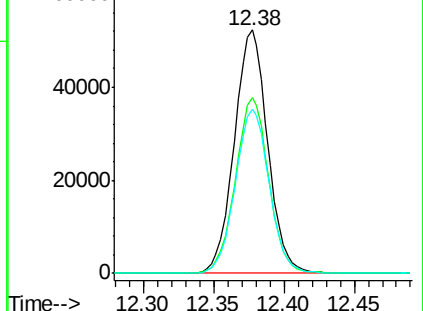
176 68.5 0.0 144.8



Abundance Ion 94.90 (94.60 to 95.60): VN061294.D (-3262) (-)

Ion 173.80 (173.50 to 174.50): VN061294.D (-3262) (-)

Ion 175.80 (175.50 to 176.50): VN061294.D (-3262) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 3045

Delta R.T. 0.00 min

Lab File: VN061294.D

Acq: 5 May 2020 16:05

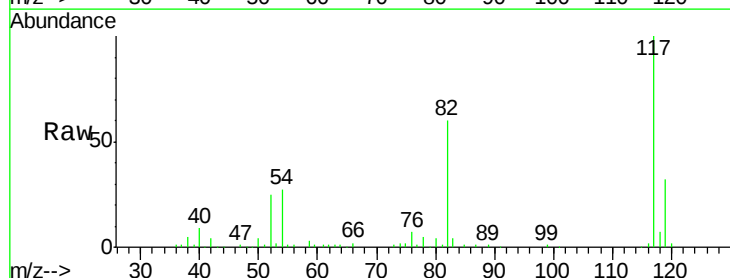
Tgt Ion: 117 Resp: 175993

Ion Ratio Lower Upper

117 100

82 60.3 47.8 71.8

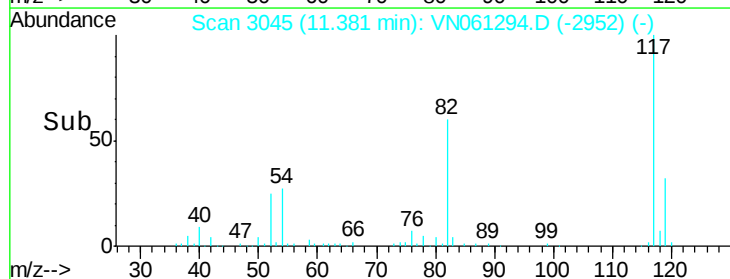
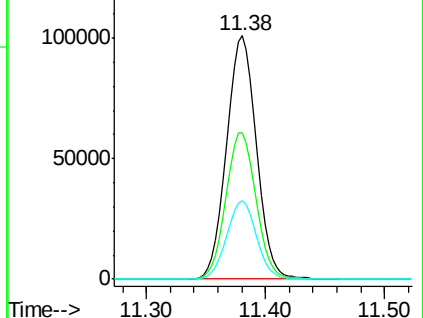
119 32.1 25.8 38.6

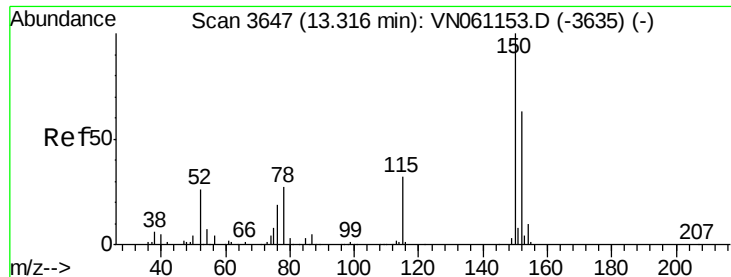


Abundance Ion 116.90 (116.60 to 117.60): VN061294.D (-2952) (-)

Ion 82.00 (81.70 to 82.70): VN061294.D (-2952) (-)

Ion 118.90 (118.60 to 119.60): VN061294.D (-2952) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3648

Delta R.T. 0.00 min

Lab File: VN061294.D

Acq: 5 May 2020 16:05

Instrument :

MSVOA_N

ClientSampled :

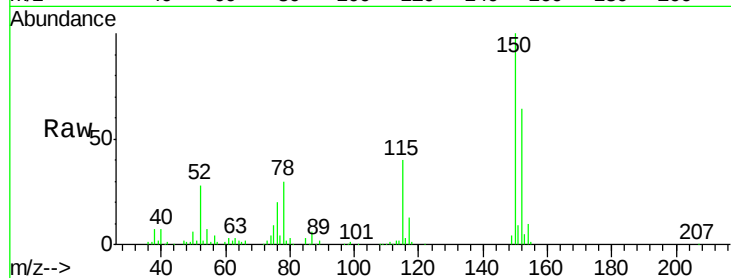
Tot Ion:152 Resp: 78406

Ion Ratio Lower Upper

152 100

115 62.2 31.0 93.0

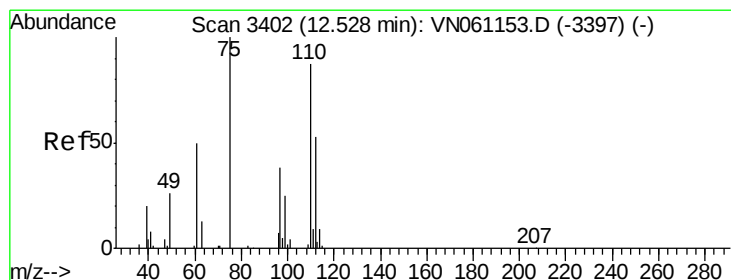
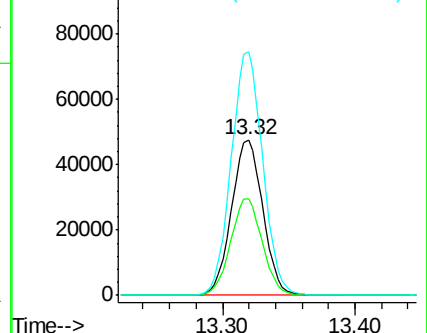
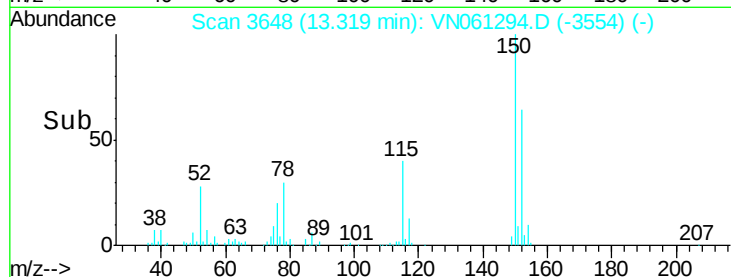
150 157.0 0.0 351.8



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: 28.823 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. -0.15 min

Lab File: VN061294.D

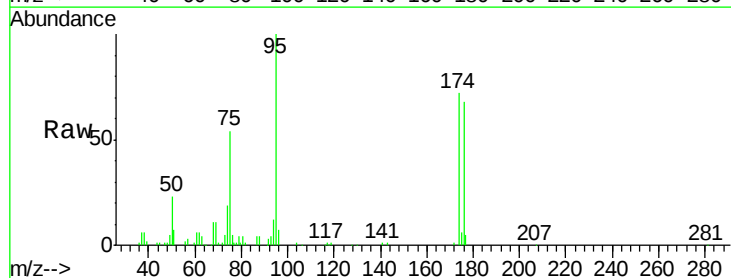
Acq: 5 May 2020 16:05

Tgt Ion: 75 Resp: 47645

Ion Ratio Lower Upper

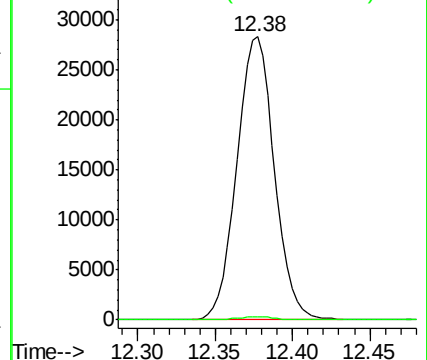
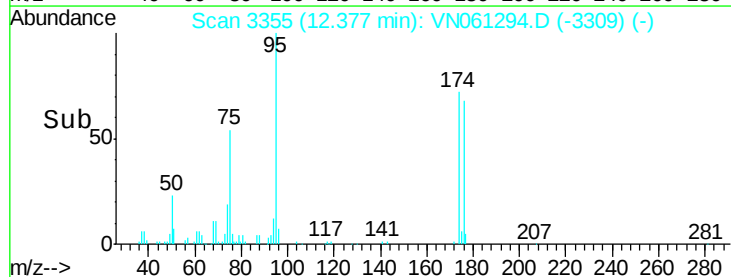
75 100

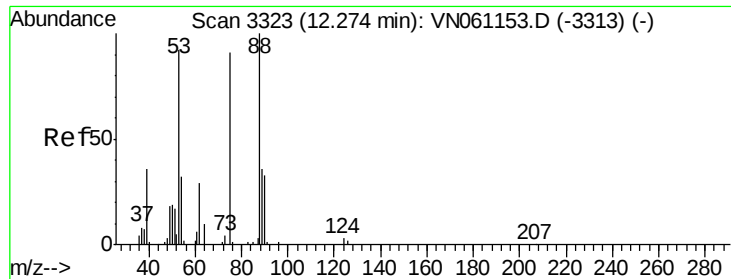
77 1.0 0.0 0.0#



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: 73.196 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. 0.10 min

Lab File: VN061294.D

Acq: 5 May 2020 16:05

Instrument :

MSVOA_N

ClientSampleId :

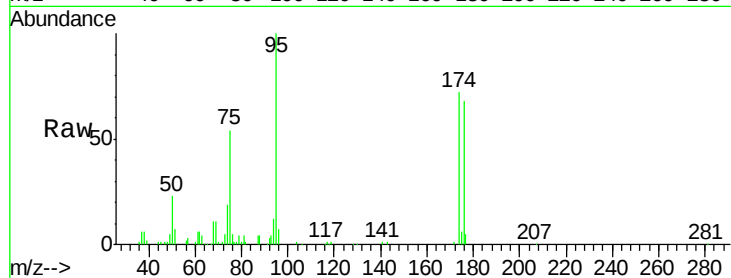
Tot Ion: 75 Resp: 47645

Ion Ratio Lower Upper

75 100

53 0.0 84.1 126.1#

89 0.0 35.2 52.8#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0

