

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041720\
 Data File : VN061049.D
 Acq On : 17 Apr 2020 14:37
 Operator : JC/MD
 Sample : L2329-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-4

Quant Time: Apr 20 01:31:44 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	153627	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	260866	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	244469	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	105480	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	105131	53.49	ug/l	0.00
Spiked Amount			Recovery	=	106.98%	
35) Dibromofluoromethane	7.56	113	78442	51.49	ug/l	0.00
Spiked Amount			Recovery	=	102.98%	
50) Toluene-d8	10.08	98	321135	55.78	ug/l	0.00
Spiked Amount			Recovery	=	111.56%	
62) 4-Bromofluorobenzene	12.40	95	120048	53.21	ug/l	0.00
Spiked Amount			Recovery	=	106.42%	

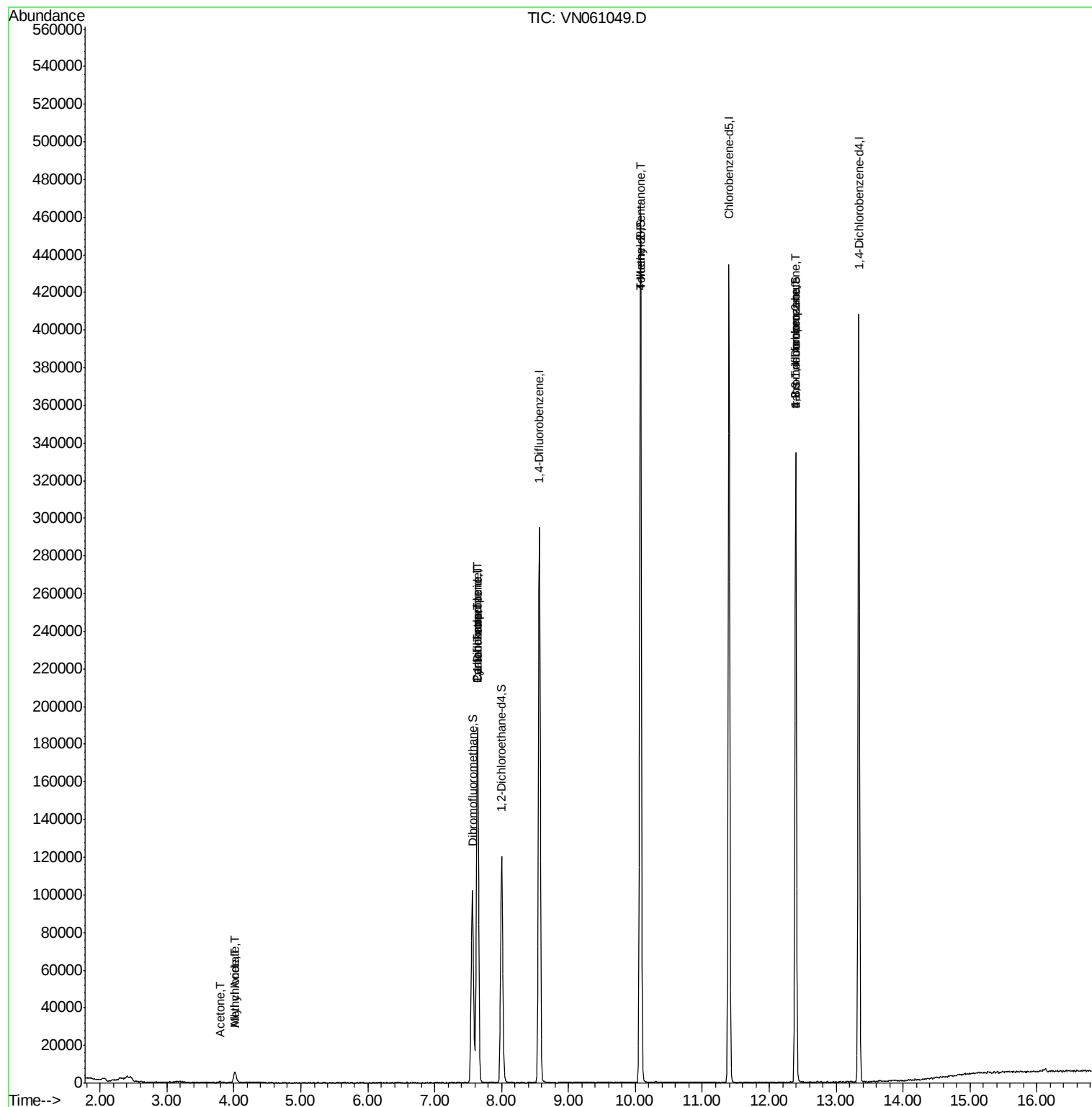
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
14) Allyl chloride	4.01	41	767	0.241	ug/l #	23
16) Acetone	3.79	43	1303	1.506	ug/l	97
18) Methyl Acetate	4.01	43	2286	0.843	ug/l #	54
31) Cyclohexane	7.64	56	3448	0.942	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	12534	4.656	ug/l #	49
38) Carbon Tetrachloride	7.64	117	15026	6.706	ug/l #	15
51) 4-Methyl-2-Pentanone	10.08	43	1607	0.586	ug/l #	1
76) 1,2,3-Trichloropropane	12.39	75	60257	25.971	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.39	75	60257	64.061	ug/l #	12

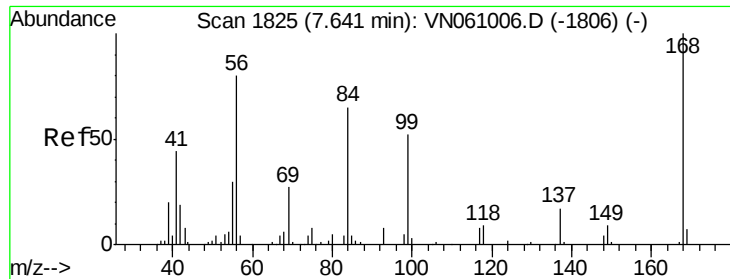
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN041720\
Data File : VN061049.D
Acq On : 17 Apr 2020 14:37
Operator : JC/MD
Sample : L2329-03
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-4

Quant Time: Apr 20 01:31:44 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: VN061049.D

Acq: 17 Apr 2020 14:37

Instrument :

MSVOA_N

ClientSampleId :

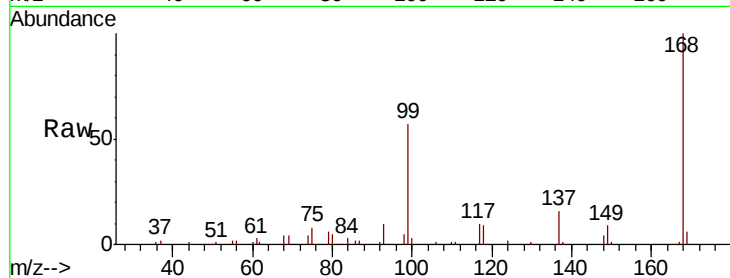
STORAGE-BLANK-SOIL-REF-4

Tot Ion:168 Resp: 153627

Ion Ratio Lower Upper

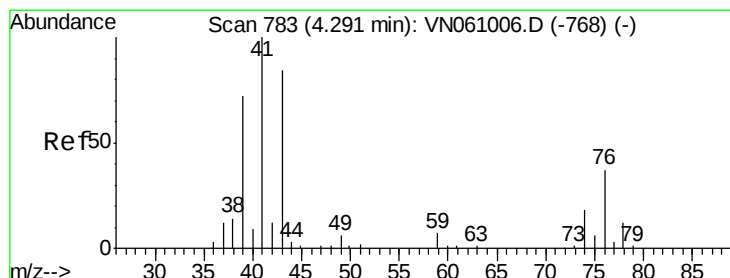
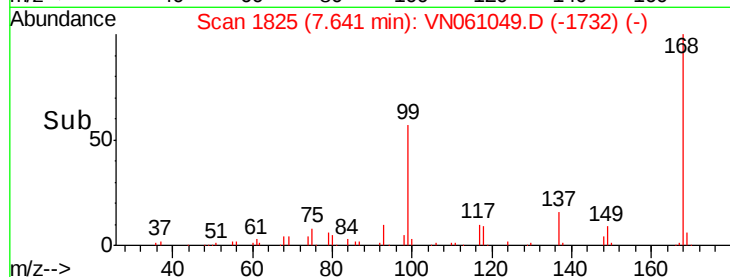
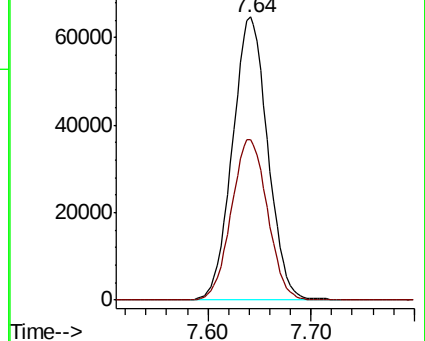
168 100

99 56.9 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: 0.241 ug/l

RT: 4.01 min Scan# 697

Delta R.T. -0.28 min

Lab File: VN061049.D

Acq: 17 Apr 2020 14:37

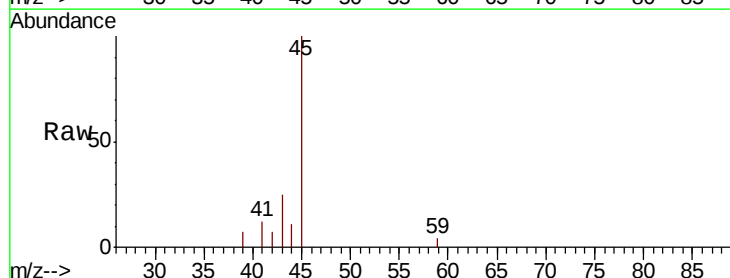
Tgt Ion: 41 Resp: 767

Ion Ratio Lower Upper

41 100

39 0.0 56.3 84.5#

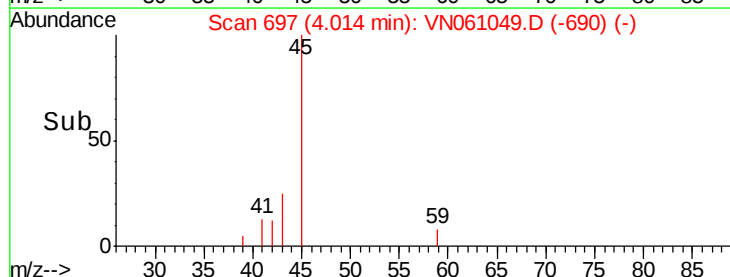
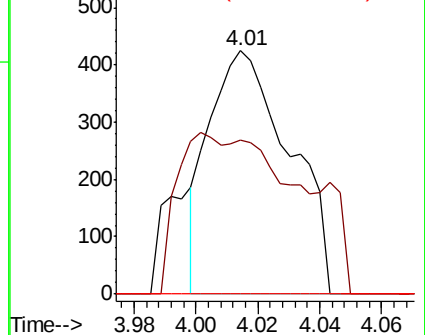
76 0.0 27.7 41.5#

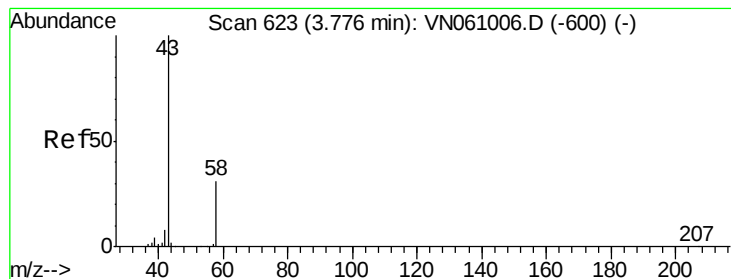


Abundance Ion 41.00 (40.70 to 41.70): VN

Ion 39.00 (38.70 to 39.70): VN

Ion 75.90 (75.60 to 76.60): VN





#16

Acetone

Concen: 1.506 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN061049.D

Acq: 17 Apr 2020 14:37

Instrument :

MSVOA_N

ClientSampleId :

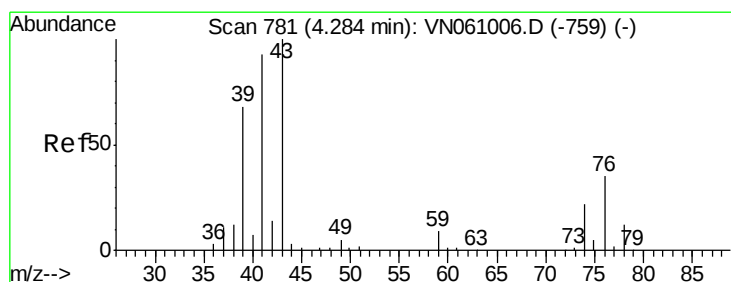
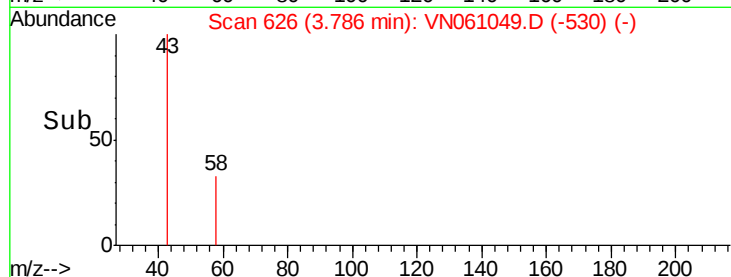
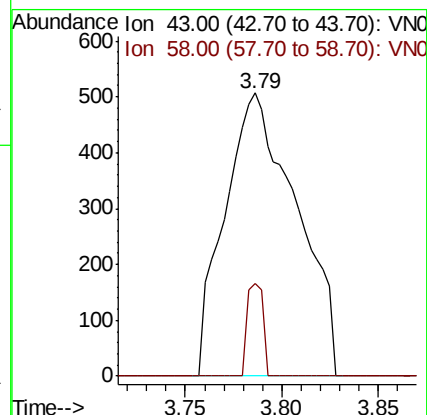
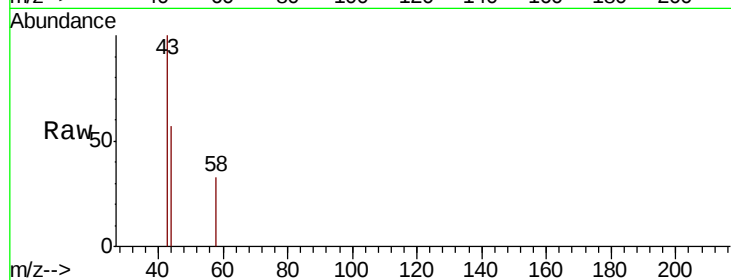
STORAGE-BLANK-SOIL-REF-4

Tot Ion: 43 Resp: 1303

Ion Ratio Lower Upper

43 100

58 32.5 24.6 37.0



#18

Methyl Acetate

Concen: 0.843 ug/l

RT: 4.01 min Scan# 697

Delta R.T. -0.27 min

Lab File: VN061049.D

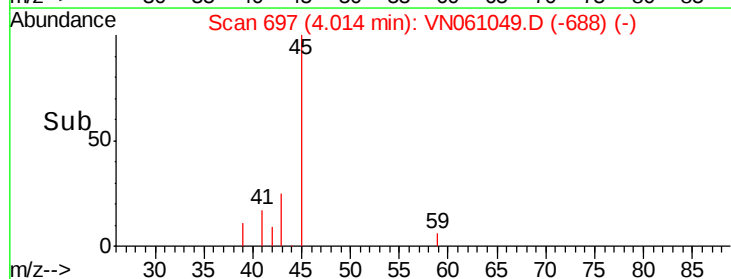
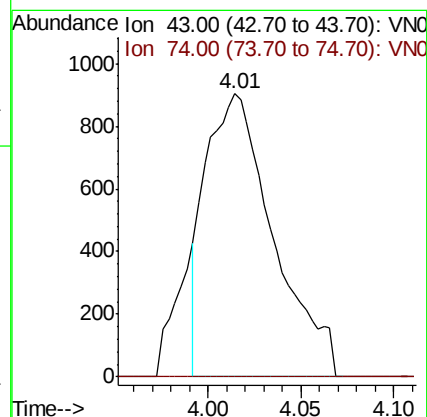
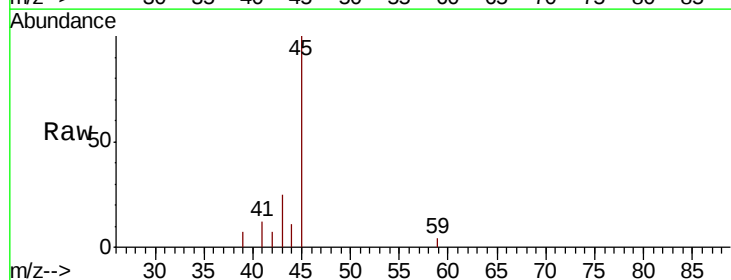
Acq: 17 Apr 2020 14:37

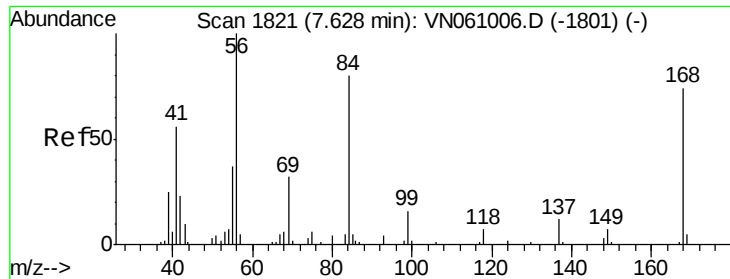
Tgt Ion: 43 Resp: 2286

Ion Ratio Lower Upper

43 100

74 0.0 17.4 26.0#

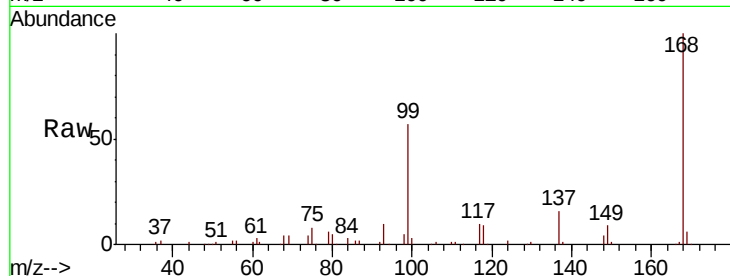




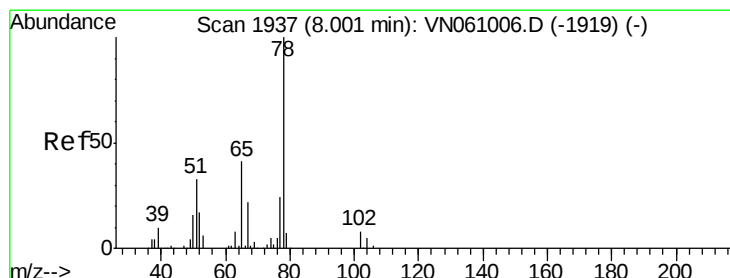
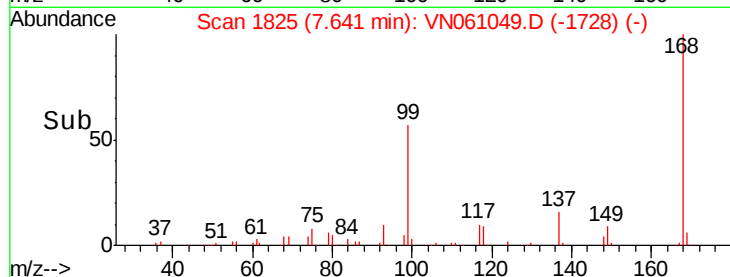
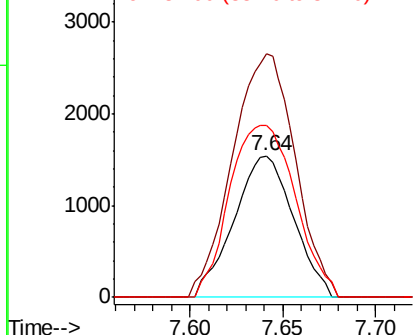
#31
Cyclohexane
Concen: 0.942 ug/l
RT: 7.64 min Scan# 1825
Delta R.T. 0.01 min
Lab File: VN061049.D
Acq: 17 Apr 2020 14:37

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-4

Tot Ion: 56 Resp: 3448
Ion Ratio Lower Upper
56 100
69 172.0 25.6 38.4#
84 121.2 63.4 95.2#

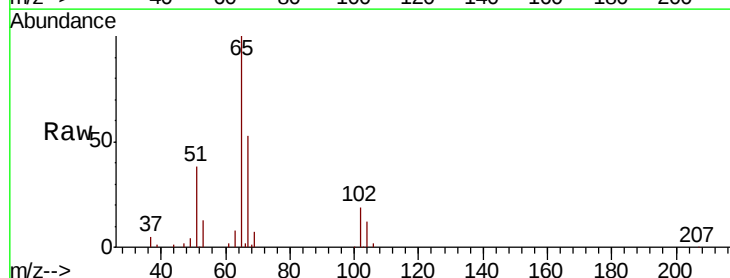


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

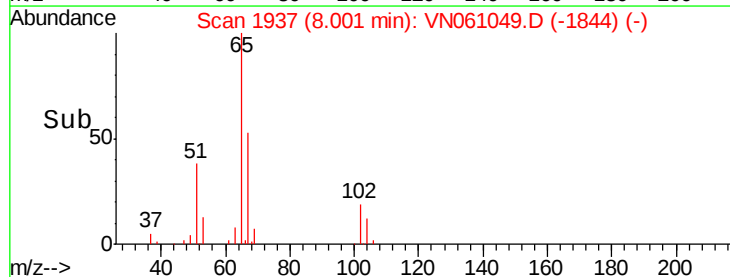
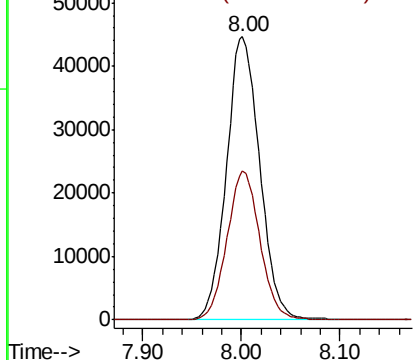


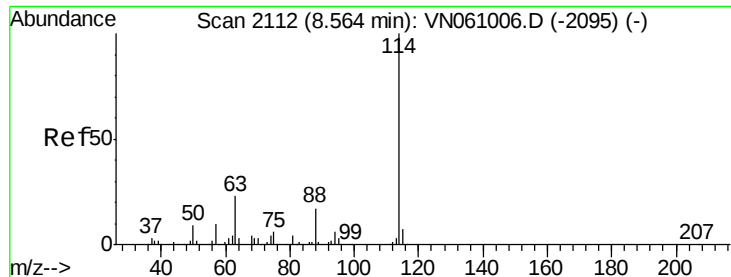
#33
1,2-Dichloroethane-d4
Concen: 53.487 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN061049.D
Acq: 17 Apr 2020 14:37

Tgt Ion: 65 Resp: 105131
Ion Ratio Lower Upper
65 100
67 52.0 0.0 107.0



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

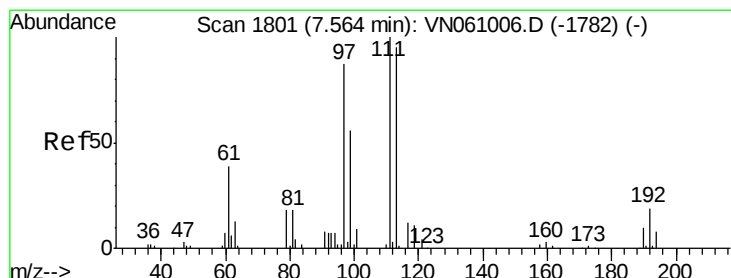
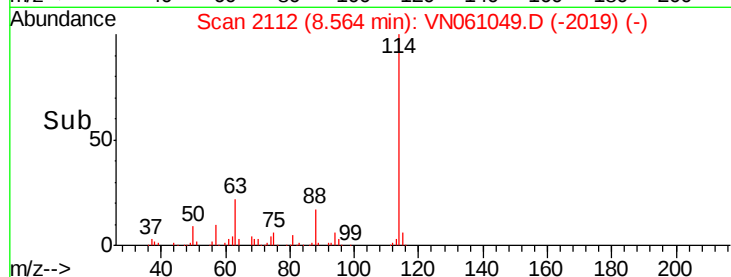
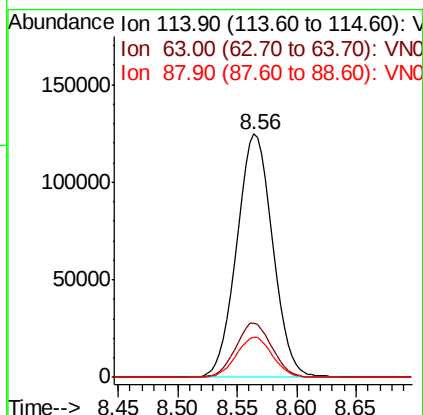
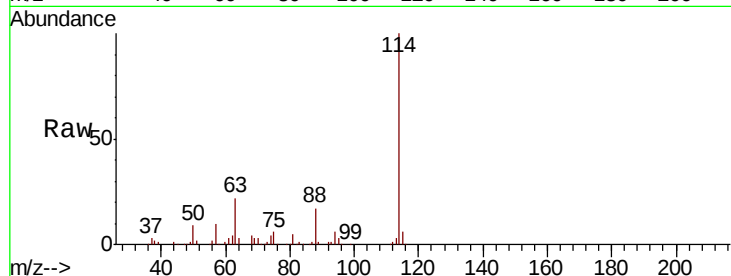




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN061049.D
 Acq: 17 Apr 2020 14:37

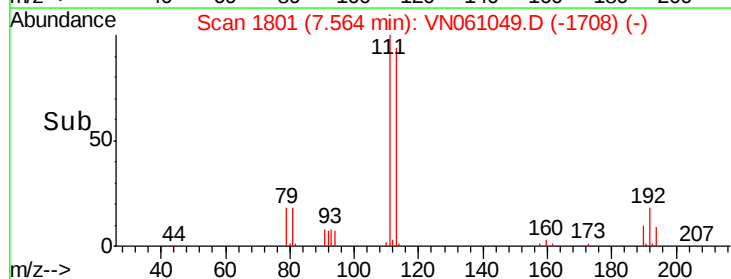
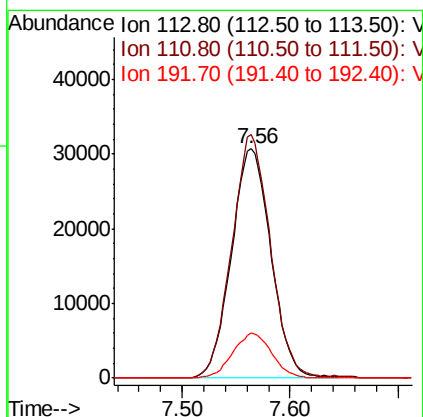
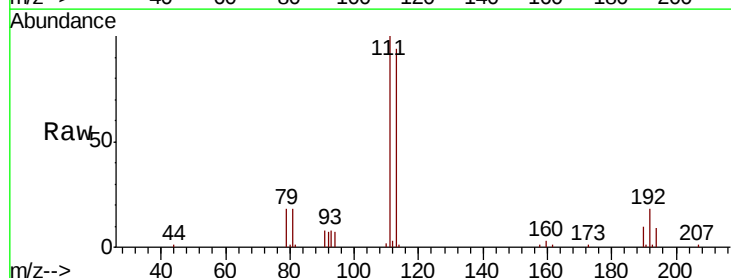
Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-4

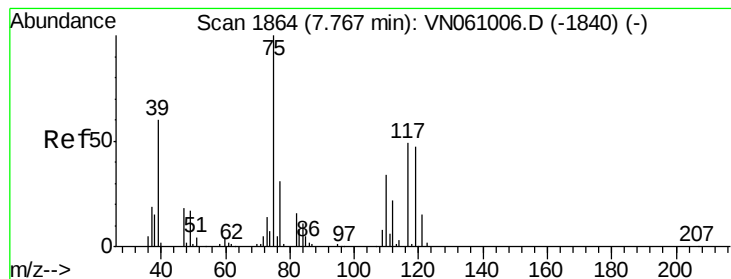
Tot Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	46.2
88	16.5	0.0	33.4



#35
 Dibromofluoromethane
 Concen: 51.491 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN061049.D
 Acq: 17 Apr 2020 14:37

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.5	83.4	125.2
192	19.2	15.5	23.3





#36

1,1-Dichloropropene

Concen: 4.656 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.12 min

Lab File: VN061049.D

Acq: 17 Apr 2020 14:37

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SOIL-REF-4

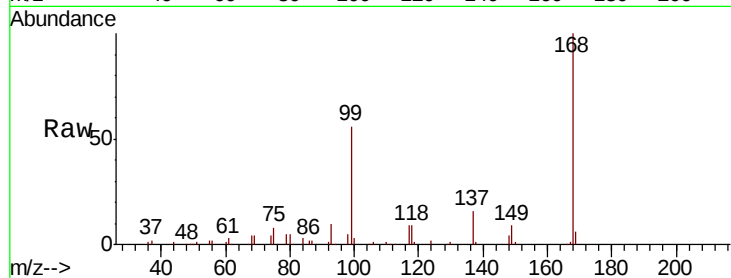
Tot Ion: 75 Resp: 12534

Ion Ratio Lower Upper

75 100

110 7.3 16.8 50.3#

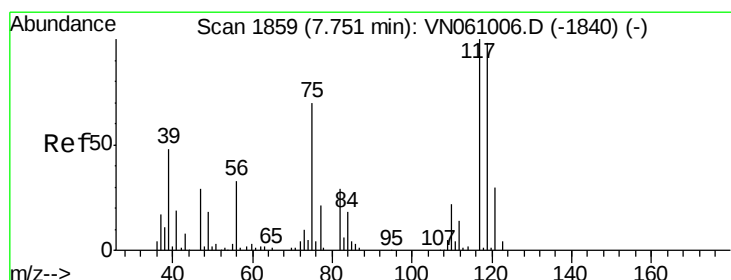
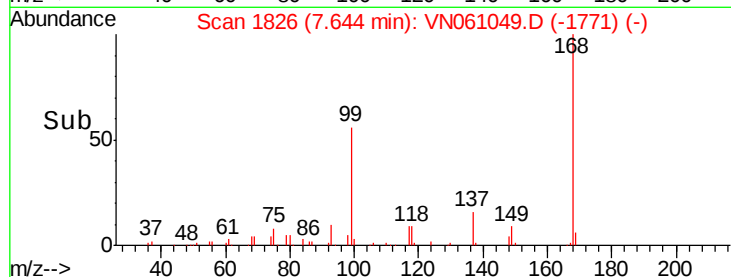
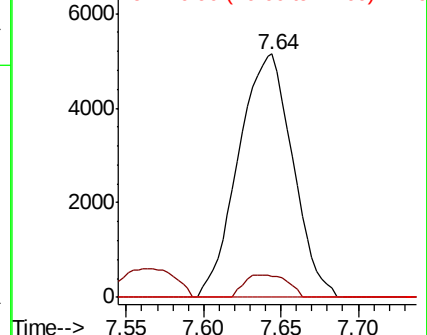
77 0.0 24.7 37.1#



Abundance Ion 74.90 (74.60 to 75.60): VN061006.D (-1840) (-)

Ion 109.90 (109.60 to 110.60): VN061006.D (-1840) (-)

Ion 76.90 (76.60 to 77.60): VN061006.D (-1840) (-)



#38

Carbon Tetrachloride

Concen: 6.706 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. -0.11 min

Lab File: VN061049.D

Acq: 17 Apr 2020 14:37

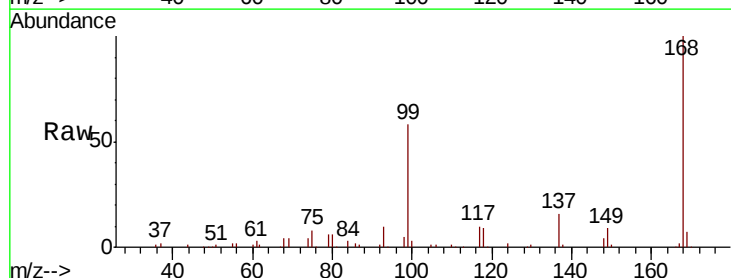
Tgt Ion: 117 Resp: 15026

Ion Ratio Lower Upper

117 100

119 4.5 78.1 117.1#

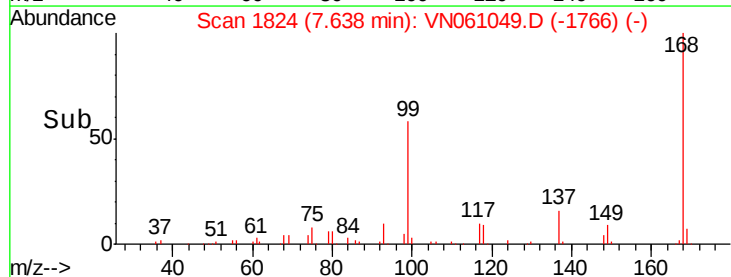
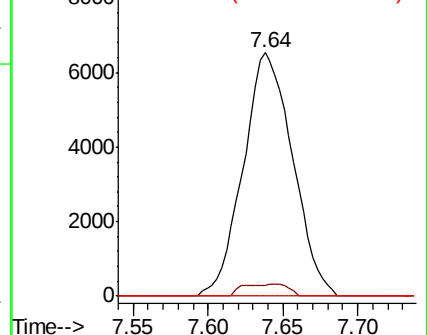
121 0.0 24.0 36.0#

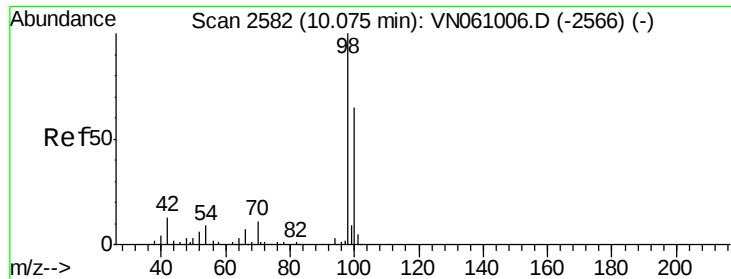


Abundance Ion 116.80 (116.50 to 117.50): VN061006.D (-1840) (-)

Ion 118.80 (118.50 to 119.50): VN061006.D (-1840) (-)

Ion 120.80 (120.50 to 121.50): VN061006.D (-1840) (-)





#50

Toluene-d8

Concen: 55.784 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. 0.00 min

Lab File: VN061049.D

Acq: 17 Apr 2020 14:37

Instrument :

MSVOA_N

ClientSampleId :

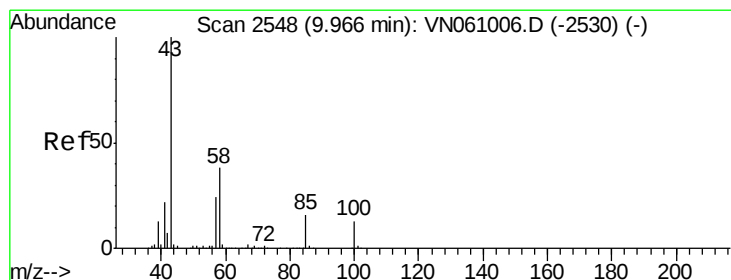
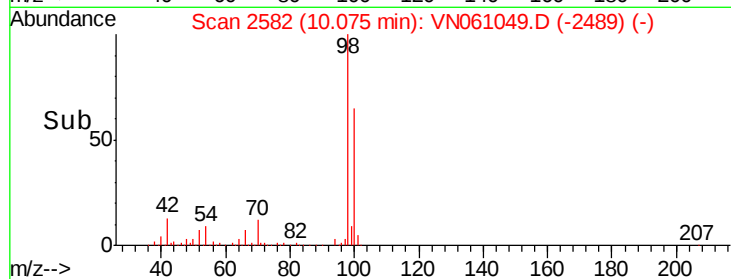
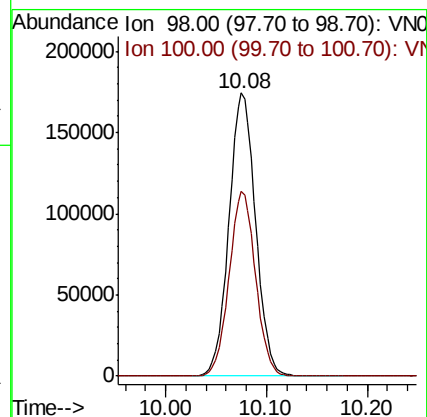
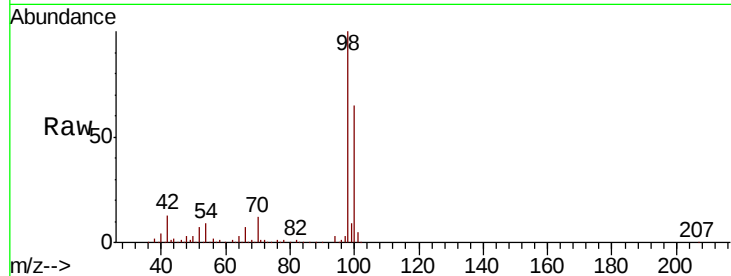
STORAGE-BLANK-SOIL-REF-4

Tot Ion: 98 Resp: 321135

Ion Ratio Lower Upper

98 100

100 64.6 51.9 77.9



#51

4-Methyl-2-Pentanone

Concen: 0.586 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.11 min

Lab File: VN061049.D

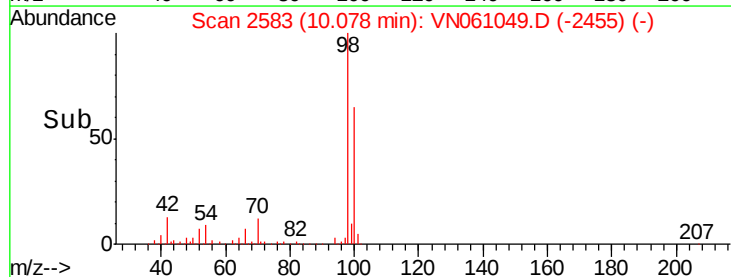
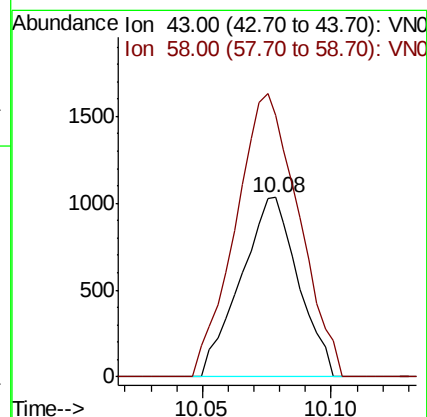
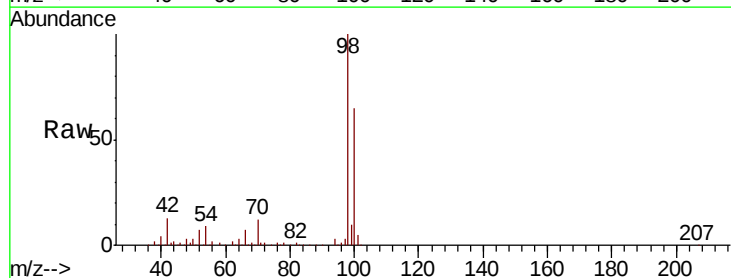
Acq: 17 Apr 2020 14:37

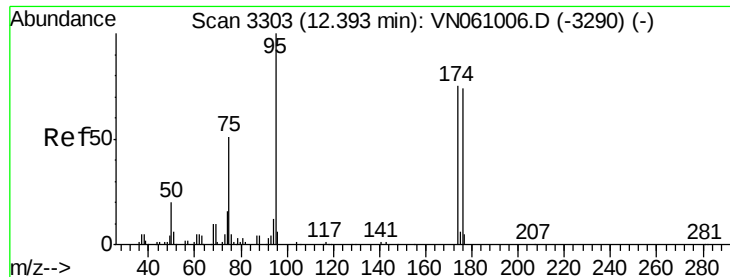
Tgt Ion: 43 Resp: 1607

Ion Ratio Lower Upper

43 100

58 173.6 30.3 45.5#





#62

4-Bromofluorobenzene

Concen: 53.207 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN061049.D

Acq: 17 Apr 2020 14:37

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SOIL-REF-4

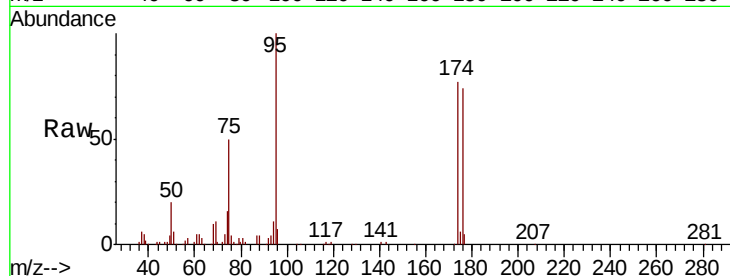
Tot Ion: 95 Resp: 120048

Ion Ratio Lower Upper

95 100

174 75.5 0.0 151.2

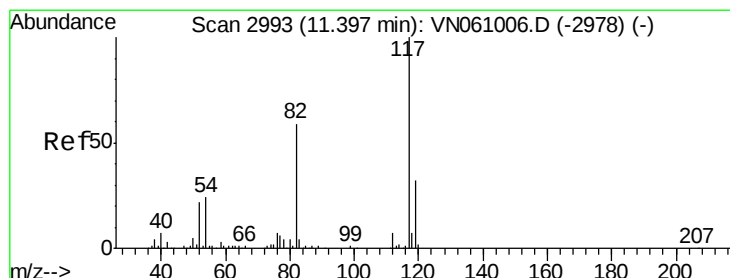
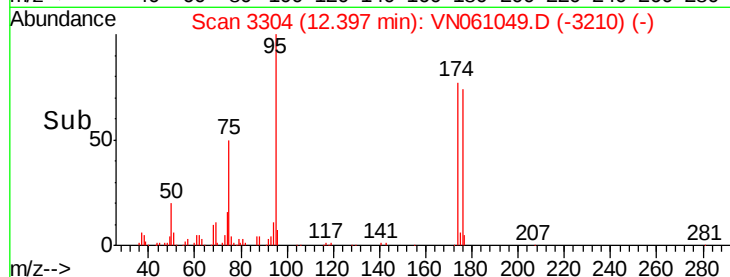
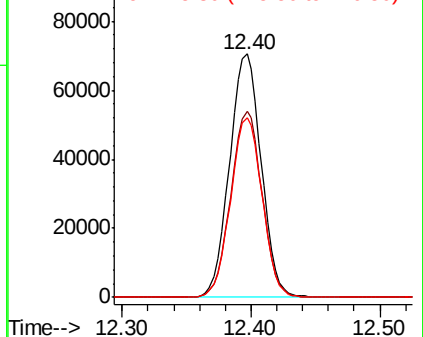
176 73.5 0.0 148.2



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) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN061049.D

Acq: 17 Apr 2020 14:37

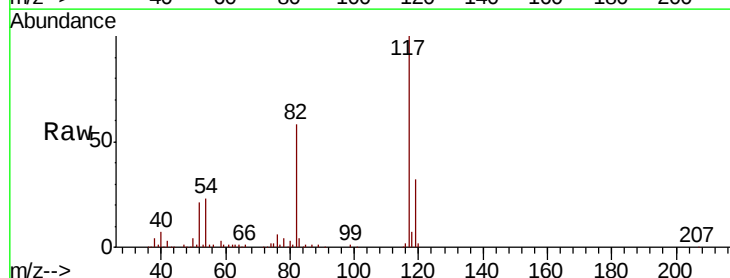
Tgt Ion: 117 Resp: 244469

Ion Ratio Lower Upper

117 100

82 58.0 47.1 70.7

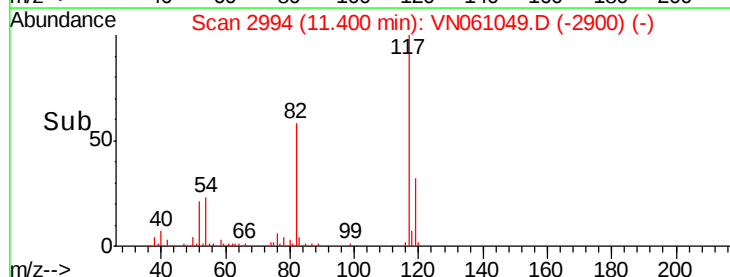
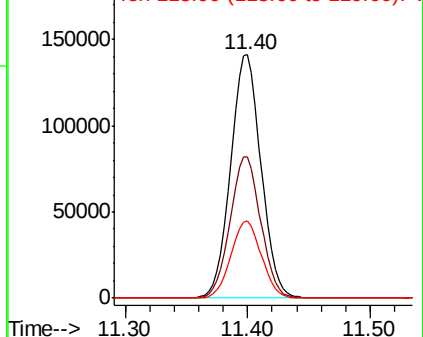
119 31.6 25.7 38.5

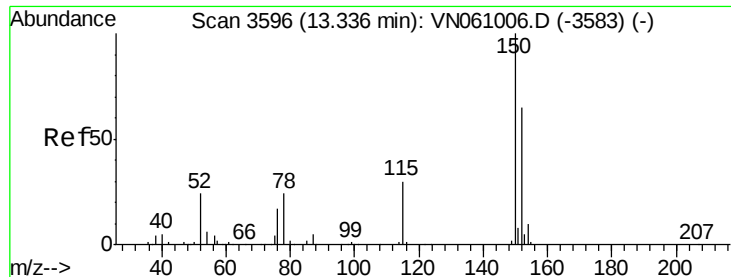


Abundance Ion 116.90 (116.60 to 117.60): VN061006.D (-2978) (-)

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

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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN061049.D

Acq: 17 Apr 2020 14:37

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SOIL-REF-4

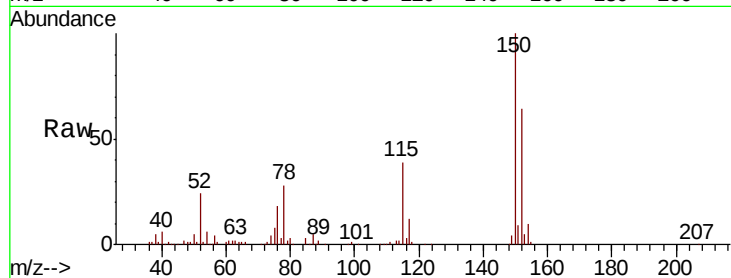
Tot Ion:152 Resp: 105480

Ion Ratio Lower Upper

152 100

115 60.8 30.8 92.4

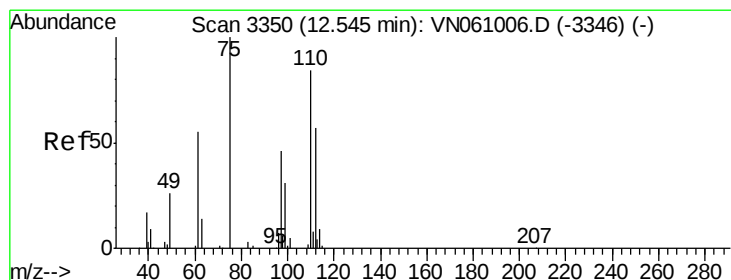
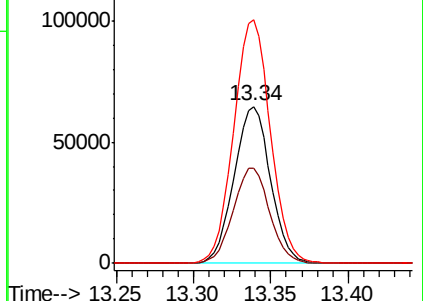
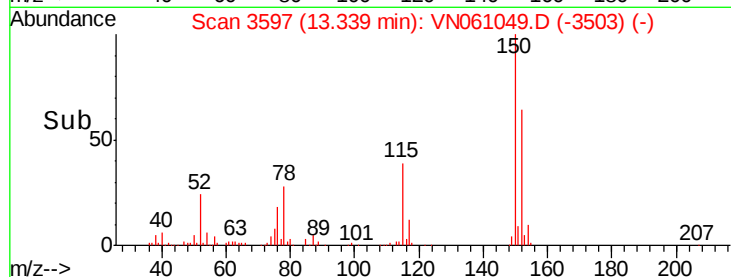
150 156.8 0.0 349.0



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: 25.971 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. -0.15 min

Lab File: VN061049.D

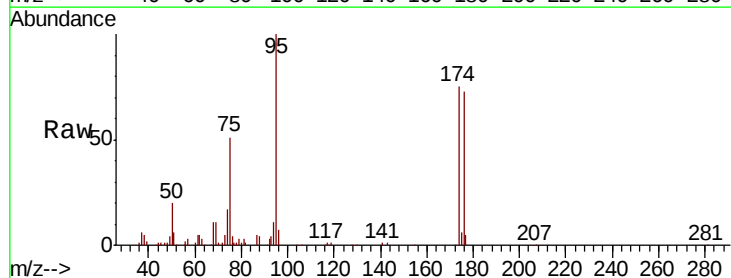
Acq: 17 Apr 2020 14:37

Tgt Ion: 75 Resp: 60257

Ion Ratio Lower Upper

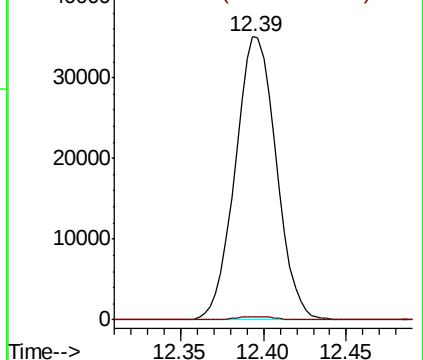
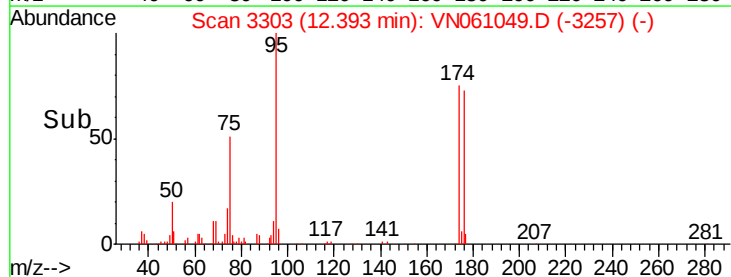
75 100

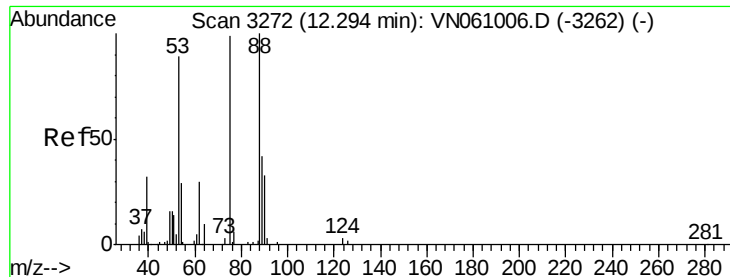
77 1.0 0.0 0.0#



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: 64.061 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. 0.10 min

Lab File: VN061049.D

Acq: 17 Apr 2020 14:37

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SOIL-REF-4

Tot Ion: 75 Resp: 60257

Ion Ratio Lower Upper

75 100

53 0.0 74.7 112.1#

89 0.0 34.6 52.0#

