

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041720\
 Data File : VN061048.D
 Acq On : 17 Apr 2020 14:15
 Operator : JC/MD
 Sample : L2329-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-5

Quant Time: Apr 20 01:31:31 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	151819	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	259706	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	240563	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	105009	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	102608	52.82	ug/l	0.00
Spiked Amount						
				Recovery	=	105.64%
35) Dibromofluoromethane	7.56	113	78056	51.47	ug/l	0.00
Spiked Amount						
				Recovery	=	102.94%
50) Toluene-d8	10.08	98	318129	55.51	ug/l	0.00
Spiked Amount						
				Recovery	=	111.02%
62) 4-Bromofluorobenzene	12.40	95	117620	52.36	ug/l	0.00
Spiked Amount						
				Recovery	=	104.72%

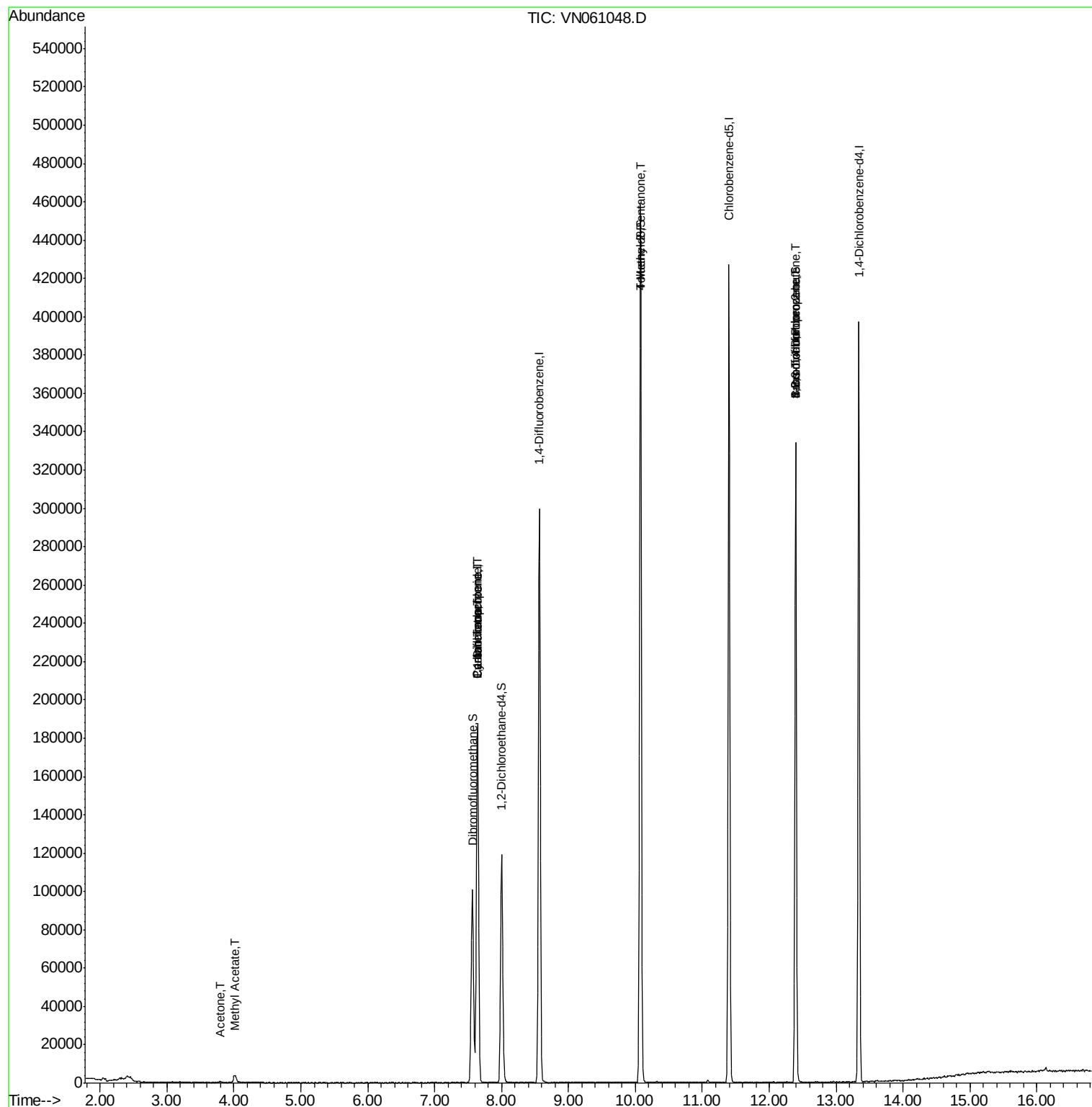
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.79	43	1410	1.649	ug/l #	44
18) Methyl Acetate	4.02	43	1512	0.564	ug/l #	54
31) Cyclohexane	7.64	56	3275	0.905	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	12204	4.554	ug/l #	50
38) Carbon Tetrachloride	7.64	117	14905	6.682	ug/l #	14
51) 4-Methyl-2-Pentanone	10.07	43	1628	0.597	ug/l #	1
71) Bromoform	12.39	173	372	0.280	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	60225	26.074	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	60225	64.314	ug/l #	12

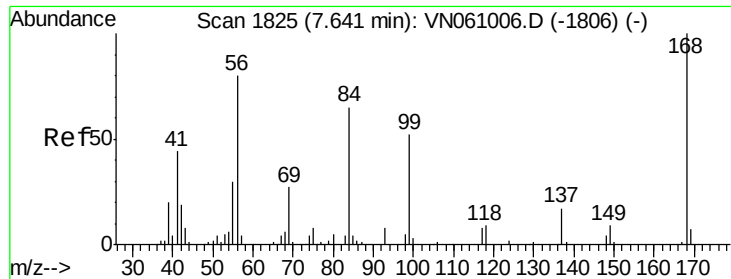
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN061048.D

Acq: 17 Apr 2020 14:15

Instrument :

MSVOA_N

ClientSampleId :

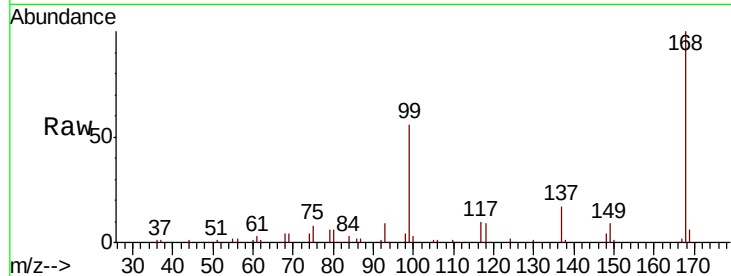
STORAGE-BLANK-SOIL-REF-5

Tot Ion:168 Resp: 151819

Ion Ratio Lower Upper

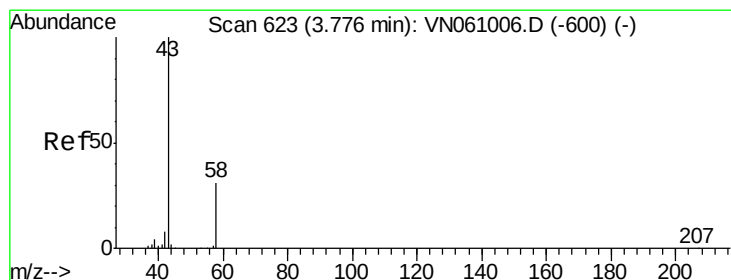
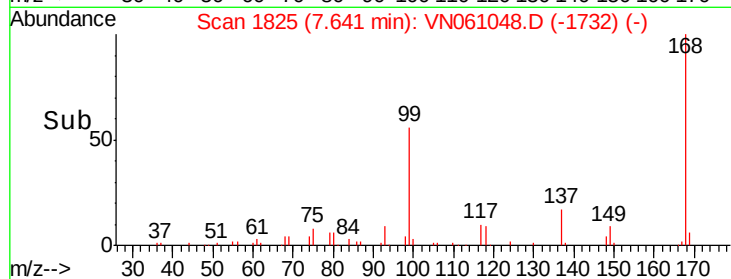
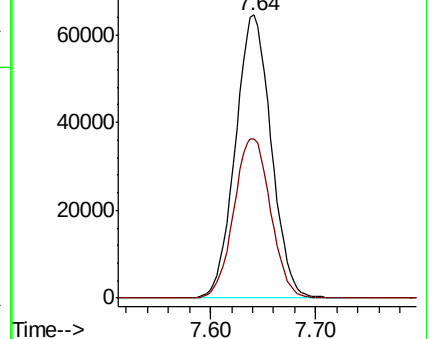
168 100

99 56.5 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) (-)



#16

Acetone

Concen: 1.649 ug/l

RT: 3.79 min Scan# 627

Delta R.T. 0.01 min

Lab File: VN061048.D

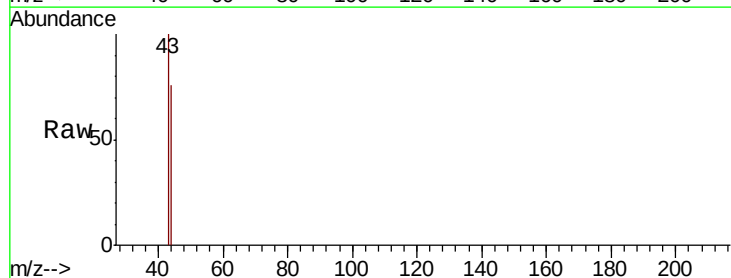
Acq: 17 Apr 2020 14:15

Tgt Ion: 43 Resp: 1410

Ion Ratio Lower Upper

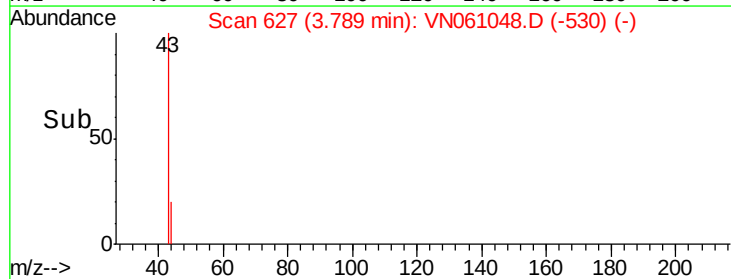
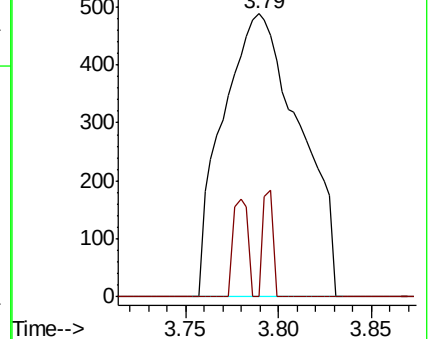
43 100

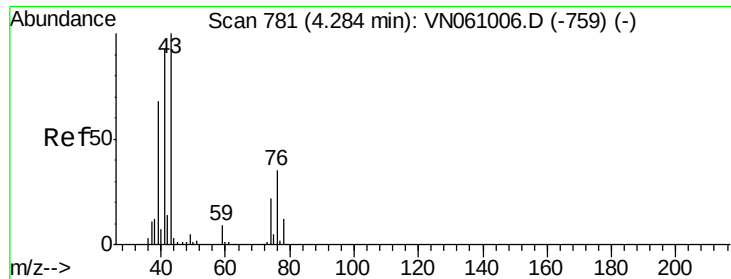
58 0.0 24.6 37.0#



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

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

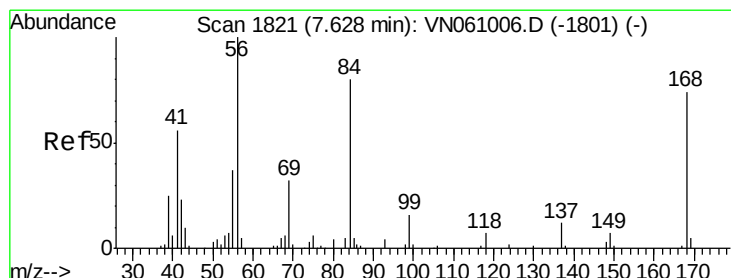
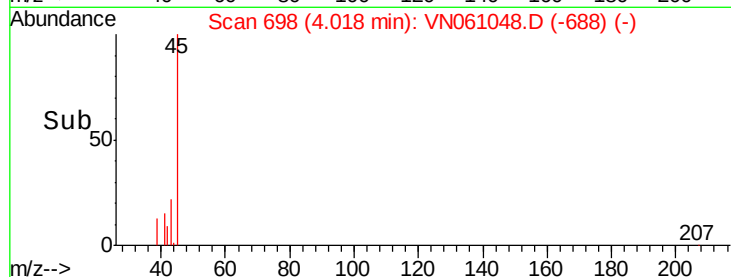
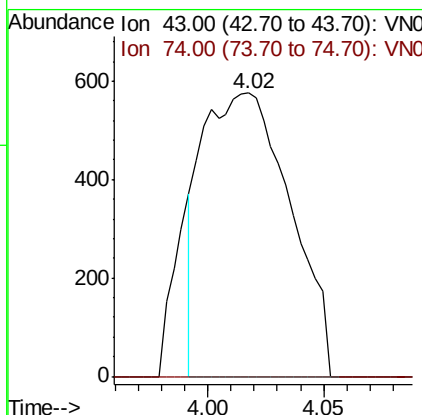
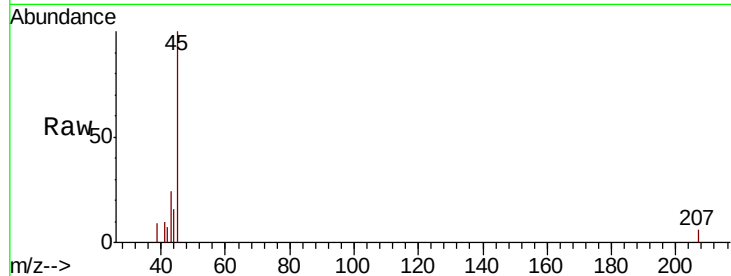




#18
Methvl Acetate
Concen: 0.564 ug/l
RT: 4.02 min Scan# 698
Delta R.T. -0.27 min
Lab File: VN061048.D
Acq: 17 Apr 2020 14:15

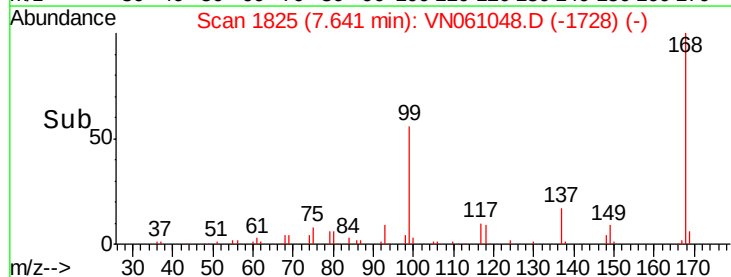
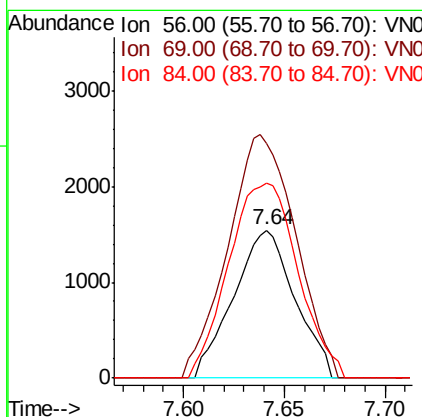
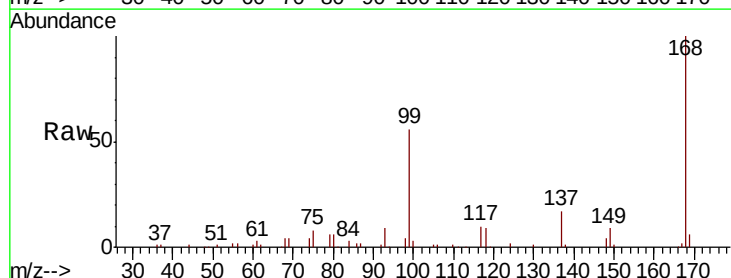
Instrument :
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ClientSampleId :
STORAGE-BLANK-SOIL-REF-5

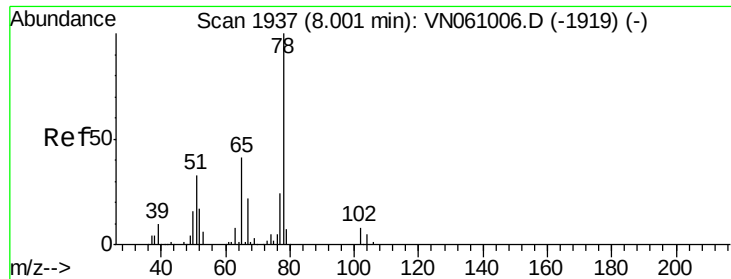
Tot Ion: 43 Resp: 1512
Ion Ratio Lower Upper
43 100
74 0.0 17.4 26.0#



#31
Cyclohexane
Concen: 0.905 ug/l
RT: 7.64 min Scan# 1825
Delta R.T. 0.01 min
Lab File: VN061048.D
Acq: 17 Apr 2020 14:15

Tgt Ion: 56 Resp: 3275
Ion Ratio Lower Upper
56 100
69 158.5 25.6 38.4#
84 131.5 63.4 95.2#

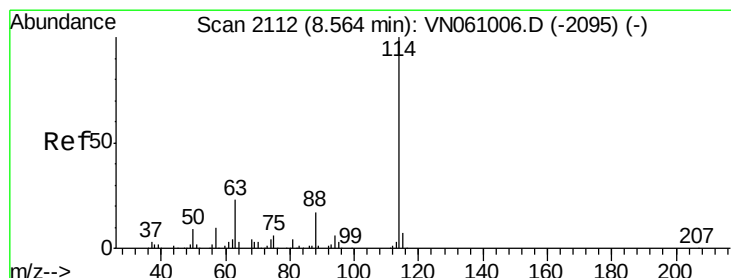
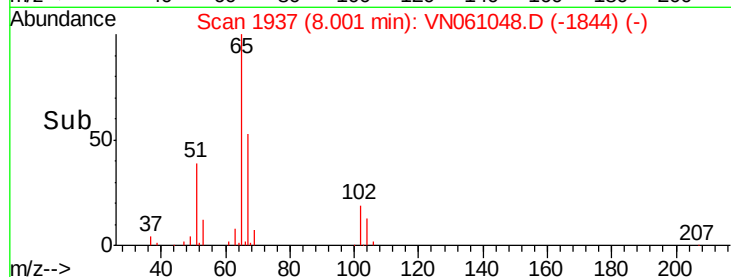
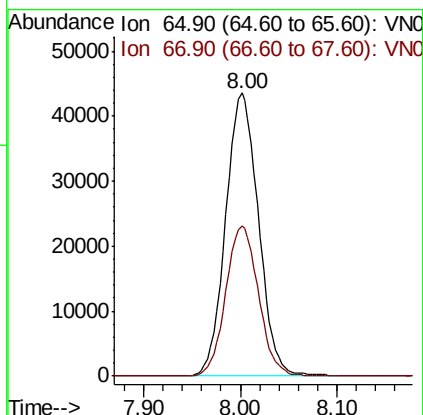
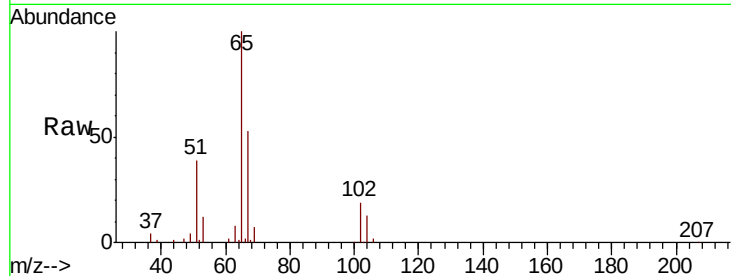




#33
 1,2-Dichloroethane-d4
 Concen: 52.825 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN061048.D
 Acq: 17 Apr 2020 14:15

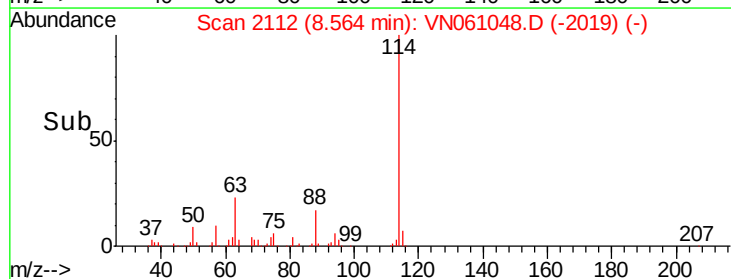
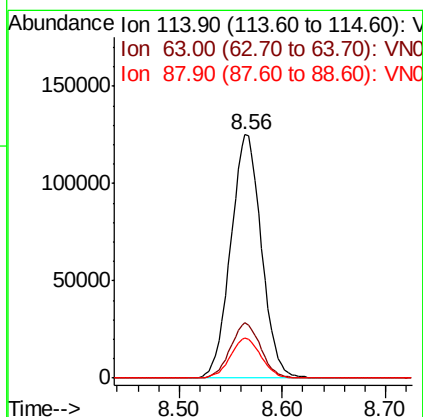
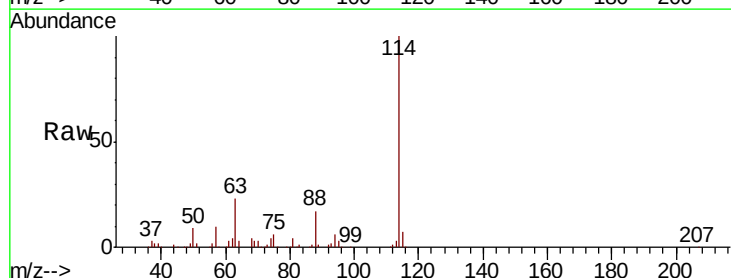
Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-5

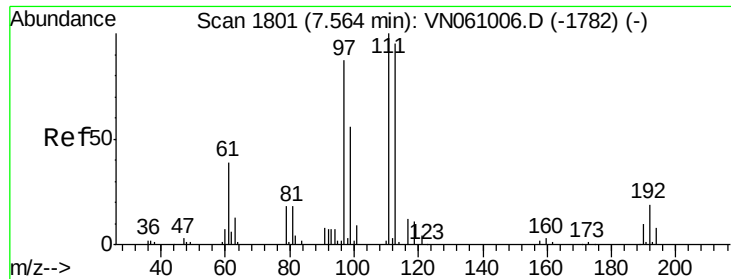
Tot Ion: 65 Resp: 102608
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN061048.D
 Acq: 17 Apr 2020 14:15

Tgt Ion: 114 Resp: 259706
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 46.2
 88 16.5 0.0 33.4

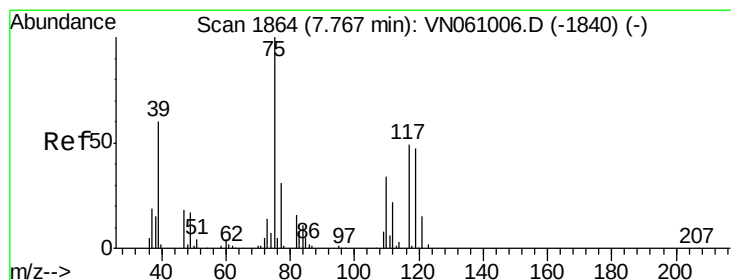
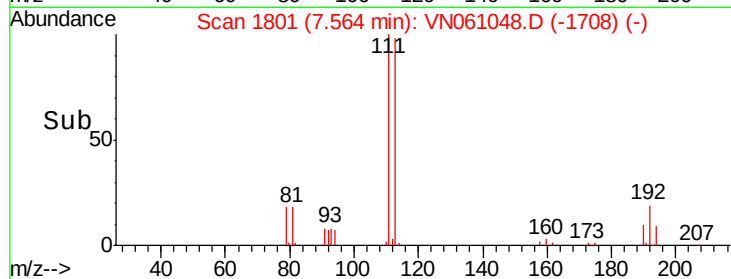
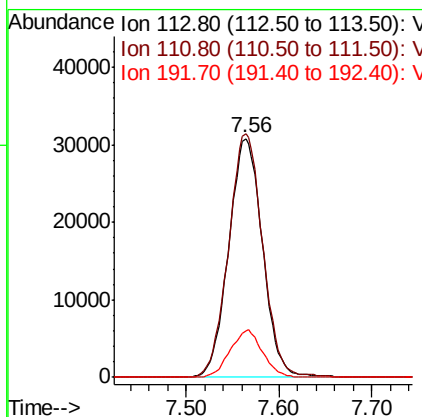
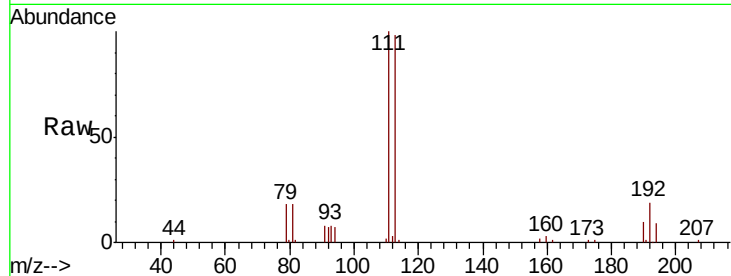




#35
 Dibromofluoromethane
 Concen: 51.466 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN061048.D
 Acq: 17 Apr 2020 14:15

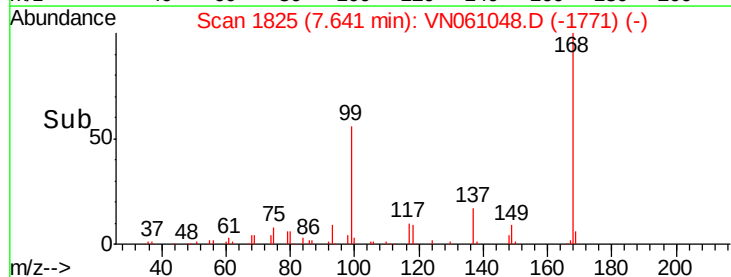
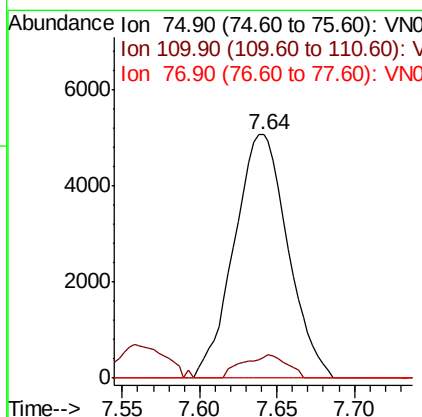
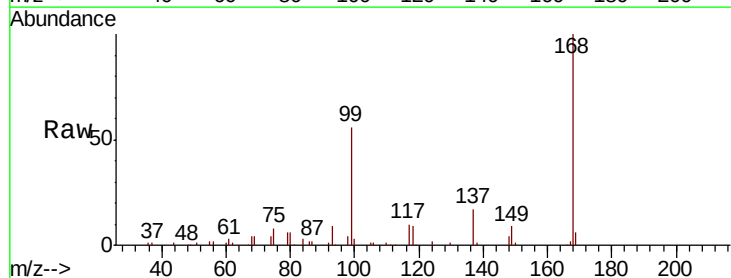
Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-5

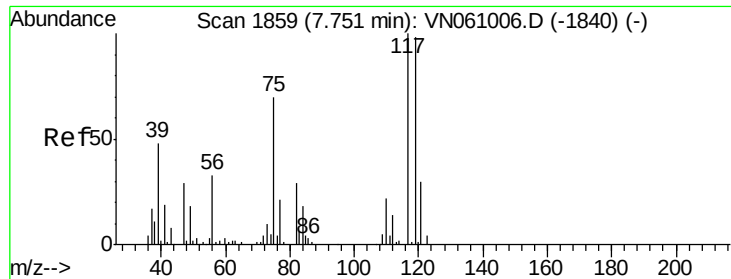
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	83.4	125.2
192	18.8	15.5	23.3



#36
 1,1-Dichloropropene
 Concen: 4.554 ug/l
 RT: 7.64 min Scan# 1825
 Delta R.T. -0.13 min
 Lab File: VN061048.D
 Acq: 17 Apr 2020 14:15

Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.8	16.8	50.3#
77	0.0	24.7	37.1#





#38

Carbon Tetrachloride

Concen: 6.682 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. -0.11 min

Lab File: VN061048.D

Acq: 17 Apr 2020 14:15

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SOIL-REF-5

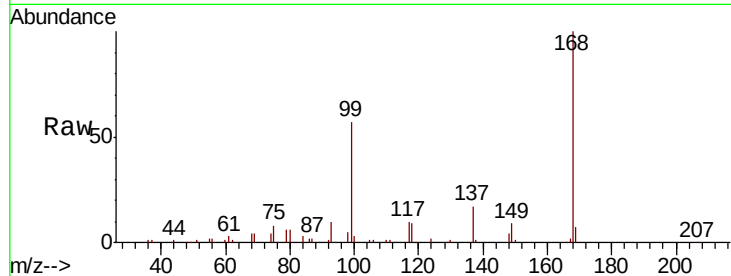
Tot Ion:117 Resp: 14905

Ion Ratio Lower Upper

117 100

119 3.8 78.1 117.1#

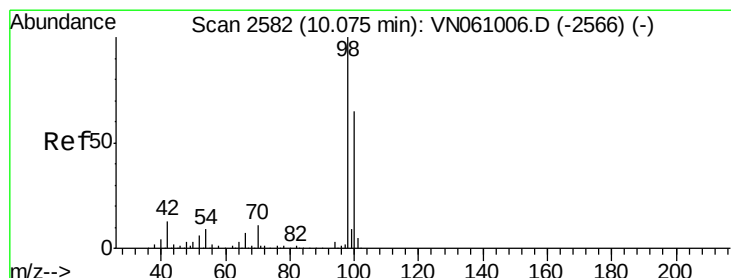
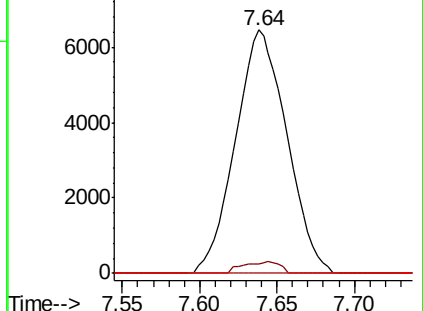
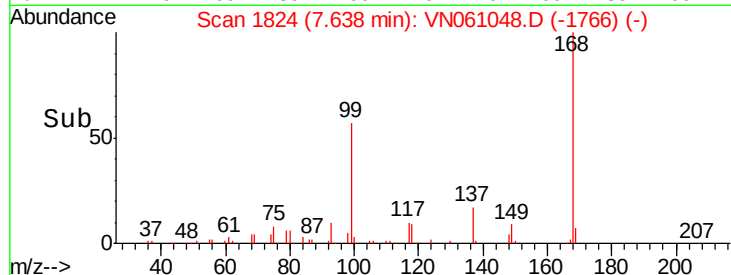
121 0.0 24.0 36.0#



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



#50

Toluene-d8

Concen: 55.509 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN061048.D

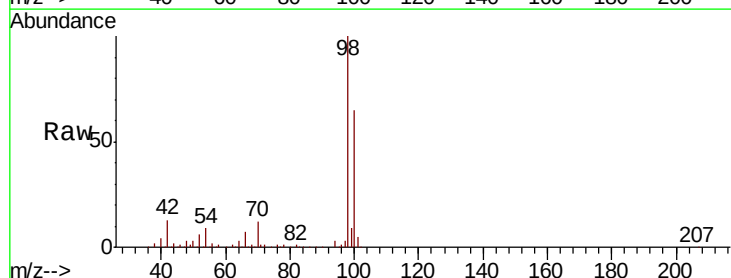
Acq: 17 Apr 2020 14:15

Tgt Ion: 98 Resp: 318129

Ion Ratio Lower Upper

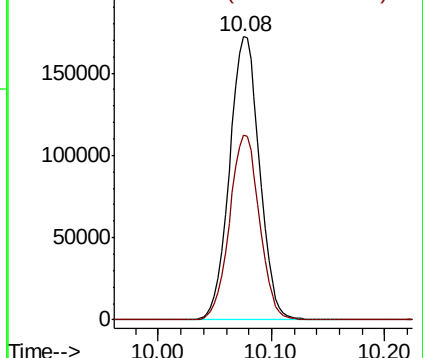
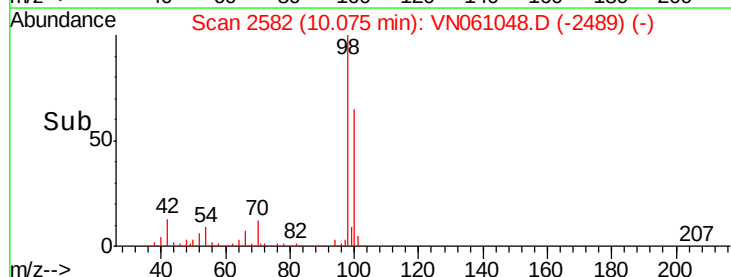
98 100

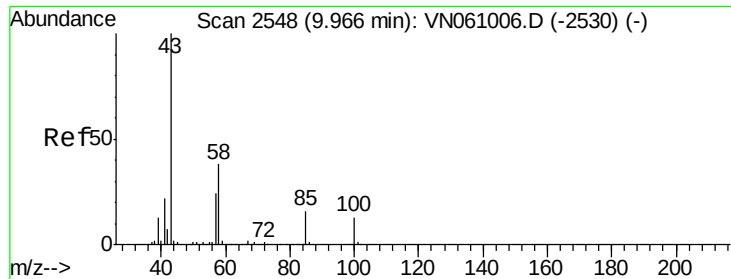
100 64.8 51.9 77.9



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: 0.597 ug/l

RT: 10.07 min Scan# 2581

Delta R.T. 0.11 min

Lab File: VN061048.D

Acq: 17 Apr 2020 14:15

Instrument :

MSVOA_N

ClientSampleId :

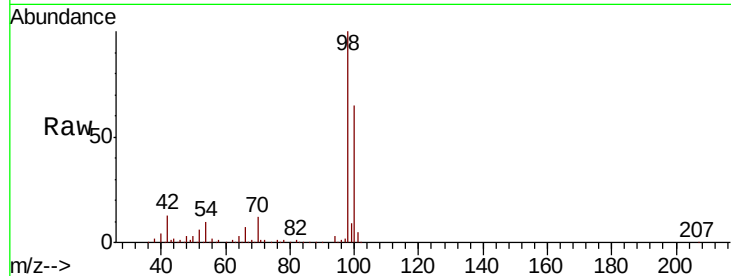
STORAGE-BLANK-SOIL-REF-5

Tot Ion: 43 Resp: 1628

Ion Ratio Lower Upper

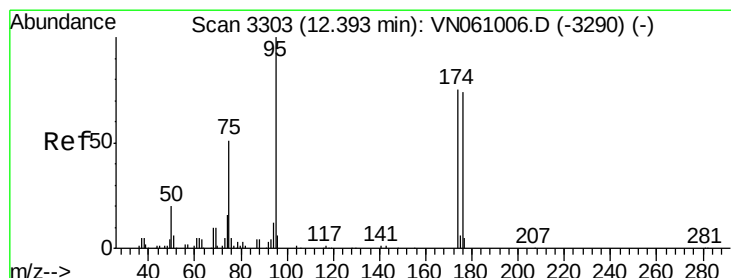
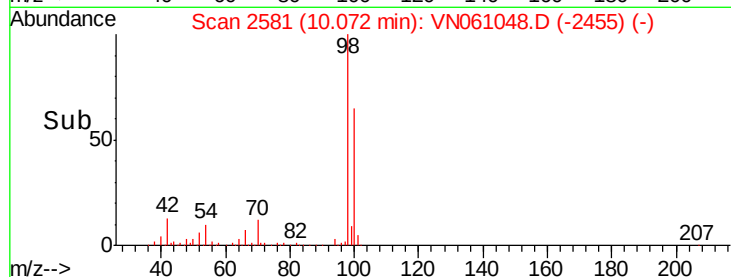
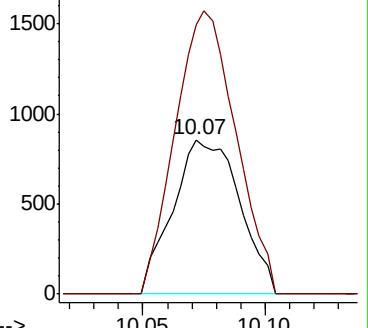
43 100

58 166.9 30.3 45.5#



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

Ion 58.00 (57.70 to 58.70): VN061006.D (-2530) (-)



#62

4-Bromofluorobenzene

Concen: 52.364 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN061048.D

Acq: 17 Apr 2020 14:15

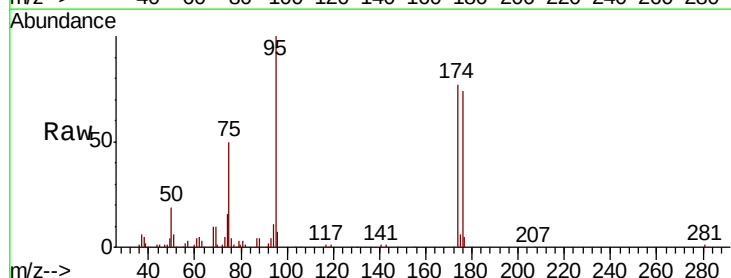
Tgt Ion: 95 Resp: 117620

Ion Ratio Lower Upper

95 100

174 75.9 0.0 151.2

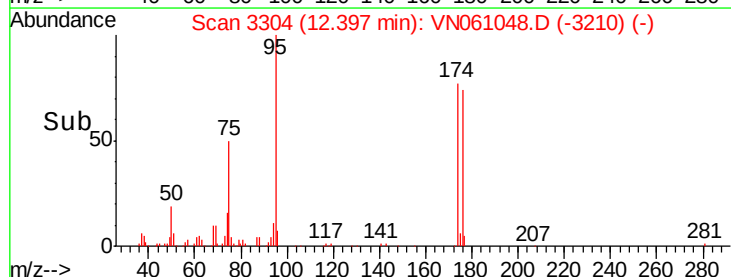
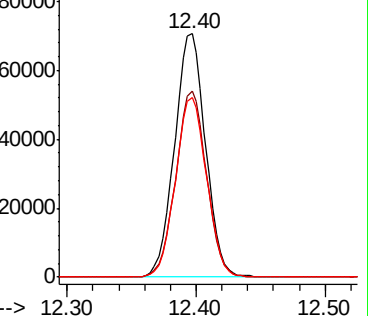
176 74.2 0.0 148.2

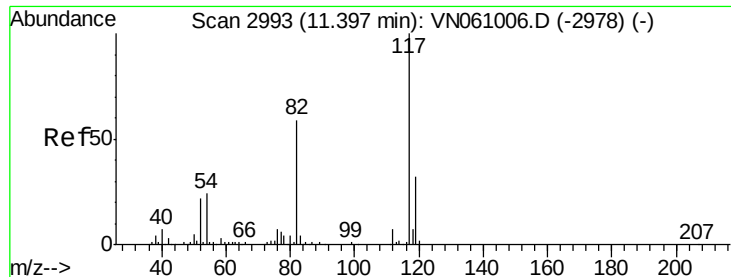


Abundance Ion 94.90 (94.60 to 95.60): VN061006.D (-3290) (-)

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

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

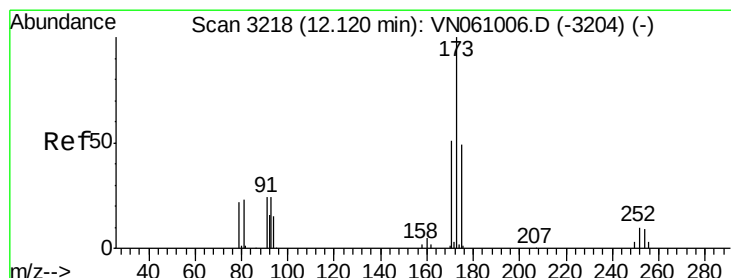
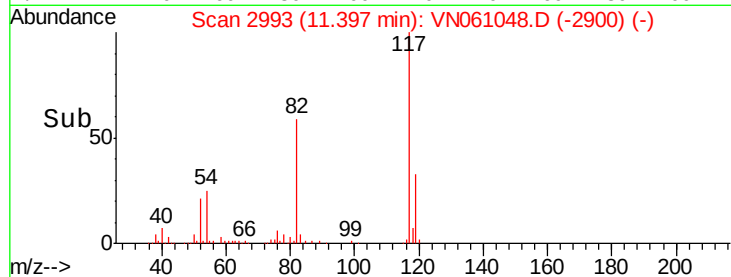
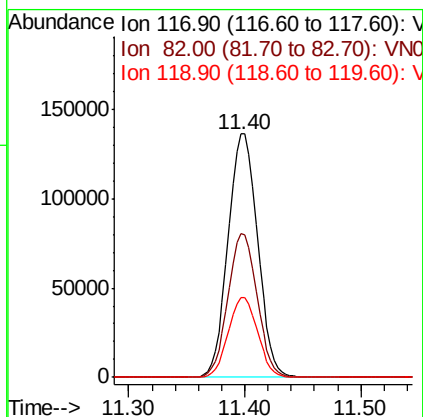
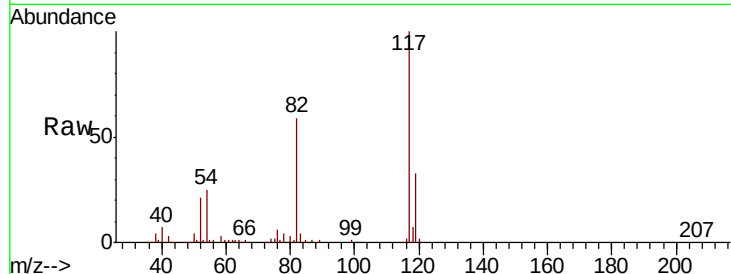




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2993
Delta R.T. -0.00 min
Lab File: VN061048.D
Acq: 17 Apr 2020 14:15

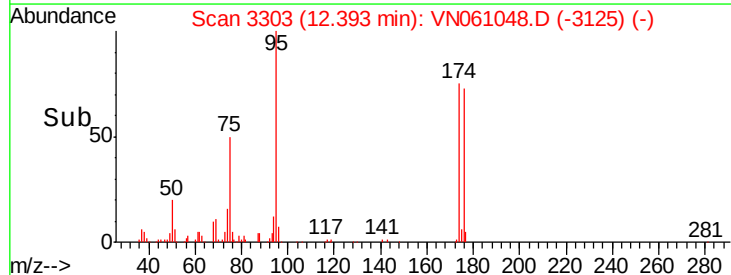
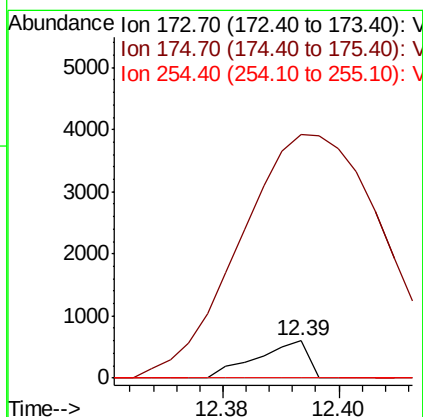
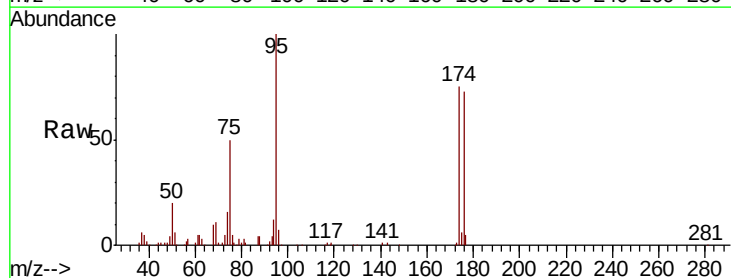
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-5

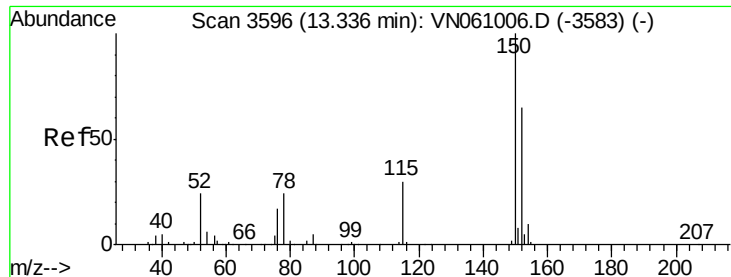
Tot Ion:117 Resp: 240563
Ion Ratio Lower Upper
117 100
82 59.3 47.1 70.7
119 32.8 25.7 38.5



#71
Bromoform
Concen: 0.280 ug/l
RT: 12.39 min Scan# 3303
Delta R.T. 0.27 min
Lab File: VN061048.D
Acq: 17 Apr 2020 14:15

Tgt Ion:173 Resp: 372
Ion Ratio Lower Upper
173 100
175 1578.8 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: VN061048.D

Acq: 17 Apr 2020 14:15

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SOIL-REF-5

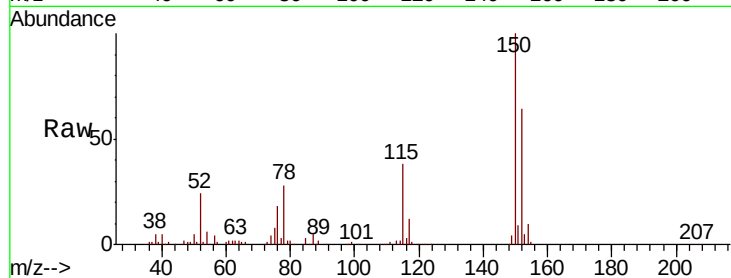
Tot Ion:152 Resp: 105009

Ion Ratio Lower Upper

152 100

115 60.1 30.8 92.4

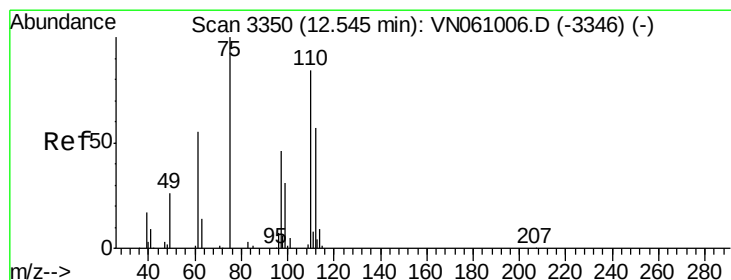
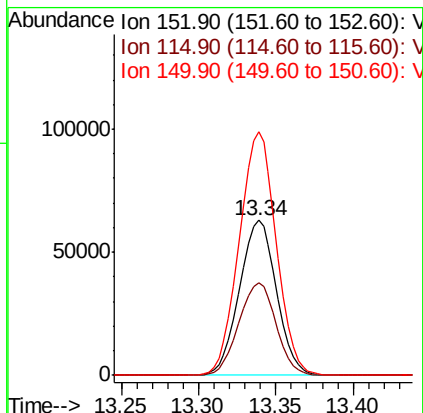
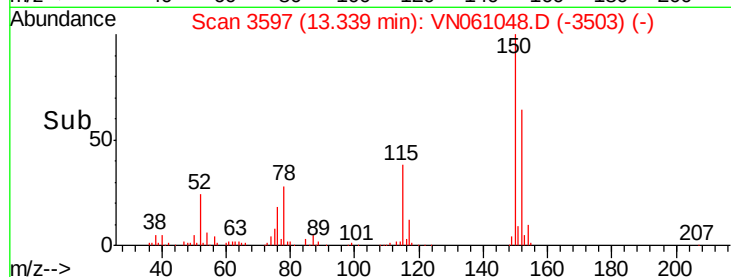
150 156.6 0.0 349.0



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: 26.074 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.15 min

Lab File: VN061048.D

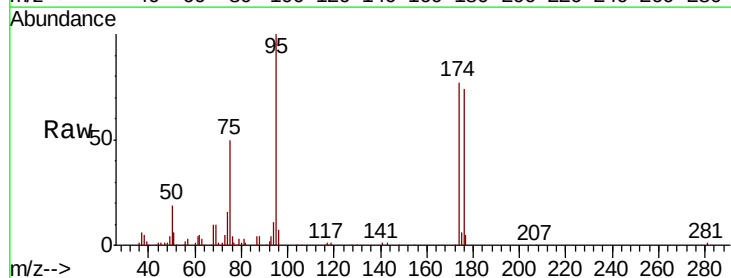
Acq: 17 Apr 2020 14:15

Tgt Ion: 75 Resp: 60225

Ion Ratio Lower Upper

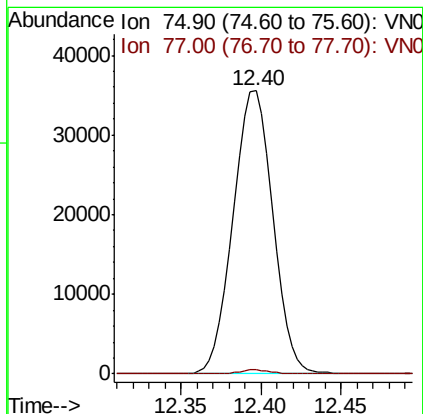
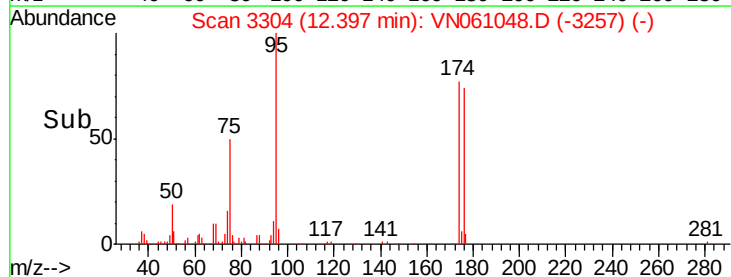
75 100

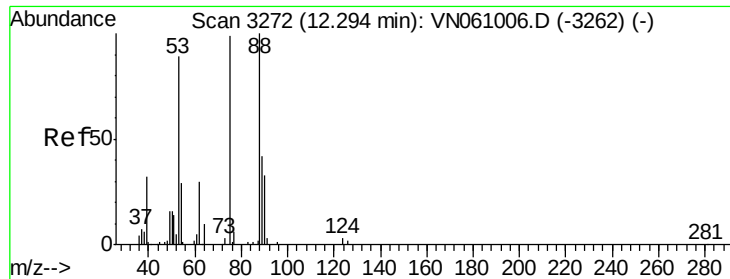
77 1.0 0.0 0.0#



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: 64.314 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.10 min
 Lab File: VN061048.D
 Acq: 17 Apr 2020 14:15

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-5

Tot Ion: 75 Resp: 60225
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.7 112.1#
 89 0.0 34.6 52.0#

