

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041720\
 Data File : VN061045.D
 Acq On : 17 Apr 2020 13:06
 Operator : JC/MD
 Sample : L2231-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Apr 20 01:30:54 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	157497	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	266861	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	251261	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	108162	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	105811	52.51	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	105.02%	
35) Dibromofluoromethane	7.56	113	79148	50.79	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.58%	
50) Toluene-d8	10.08	98	329623	55.97	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	111.94%	
62) 4-Bromofluorobenzene	12.39	95	122786	53.20	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	106.40%	

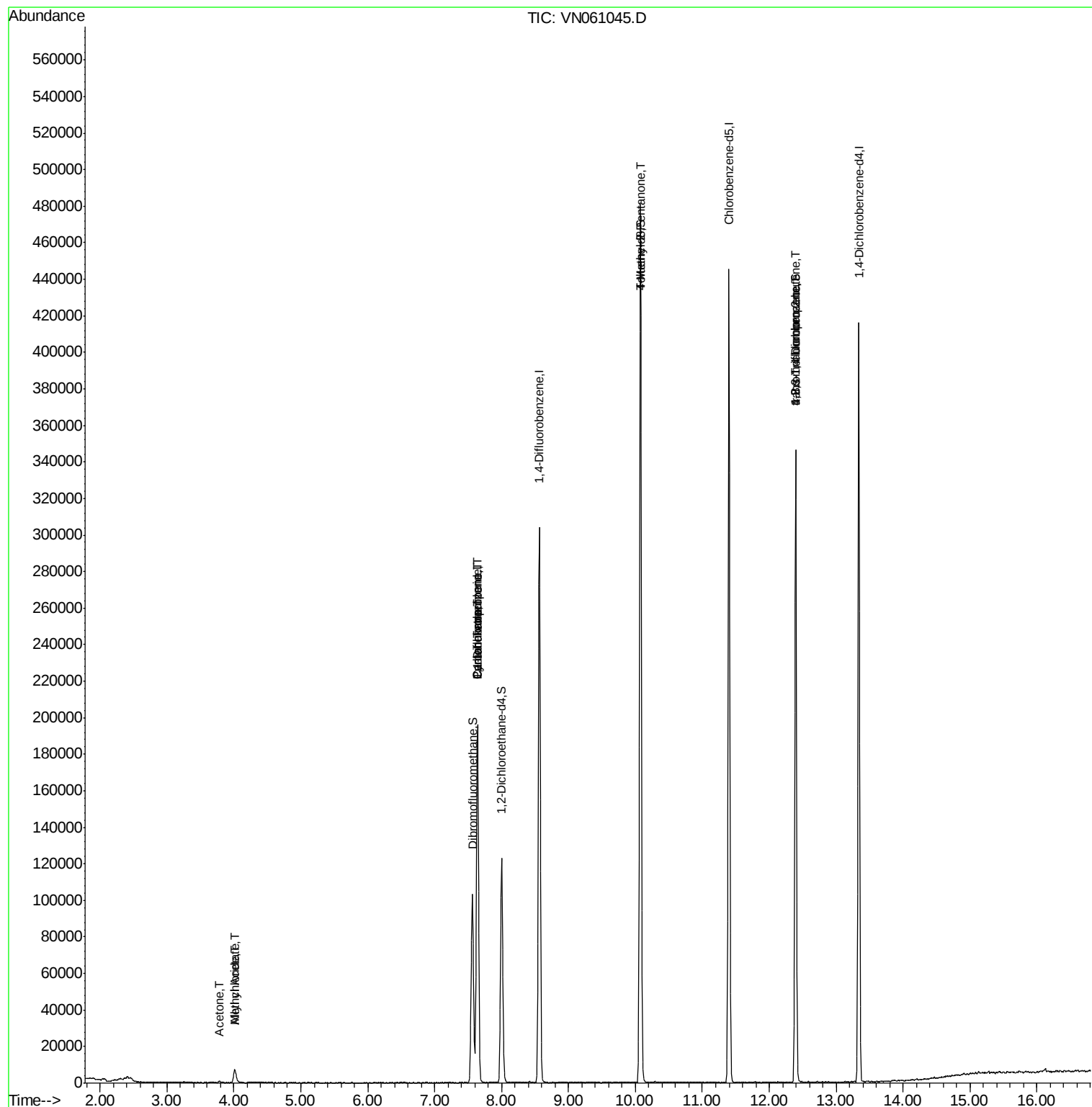
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
14) Allyl chloride	4.01	41	916	0.281	ug/l #	83
16) Acetone	3.79	43	1622	1.829	ug/l	92
18) Methyl Acetate	4.01	43	2447	0.880	ug/l #	54
31) Cyclohexane	7.64	56	3482	0.928	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	12402	4.504	ug/l #	50
38) Carbon Tetrachloride	7.64	117	15283	6.667	ug/l #	14
51) 4-Methyl-2-Pentanone	10.08	43	1582	0.564	ug/l #	1
76) 1,2,3-Trichloropropane	12.39	75	62518	26.278	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.39	75	62518	64.816	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: VN061045.D

Acq: 17 Apr 2020 13:06

Instrument :

MSVOA_N

ClientSampleId :

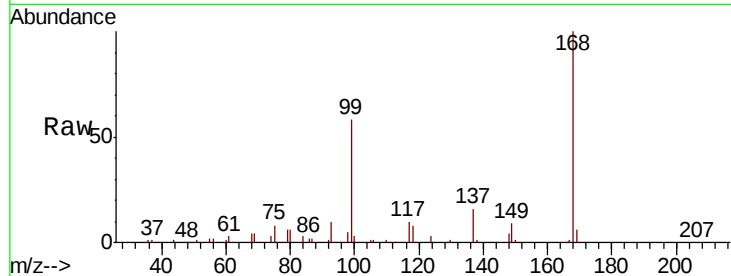
STORAGE-BLANK-SOIL-REF-4

Tot Ion:168 Resp: 157497

Ion Ratio Lower Upper

168 100

99 57.6 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

60000

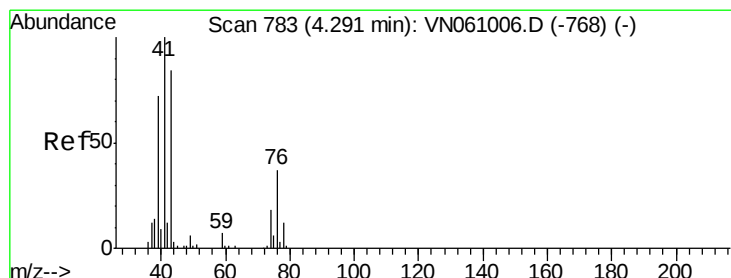
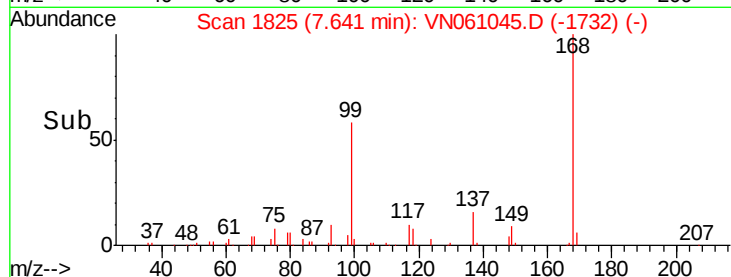
40000

20000

0

7.55 7.60 7.65 7.70 7.75

Time-->



#14

Allyl chloride

Concen: 0.281 ug/l

RT: 4.01 min Scan# 695

Delta R.T. -0.28 min

Lab File: VN061045.D

Acq: 17 Apr 2020 13:06

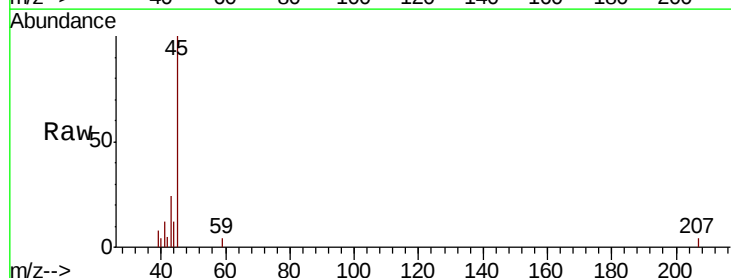
Tgt Ion: 41 Resp: 916

Ion Ratio Lower Upper

41 100

39 80.0 56.3 84.5

76 49.9 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

4.01

600

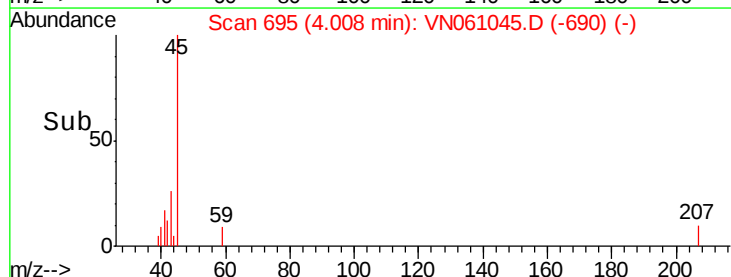
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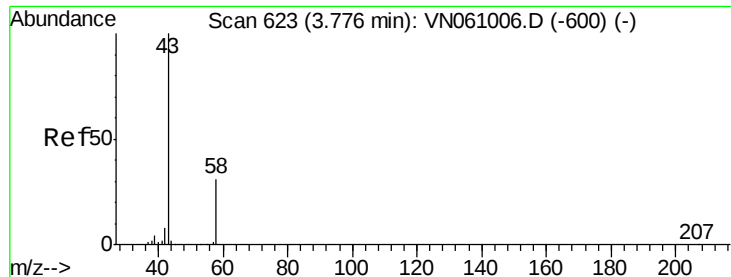
200

0

4.00 4.05

Time-->

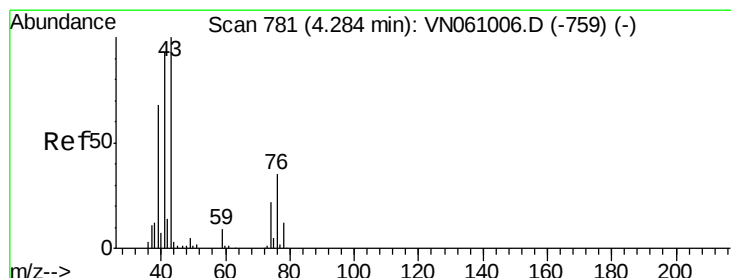
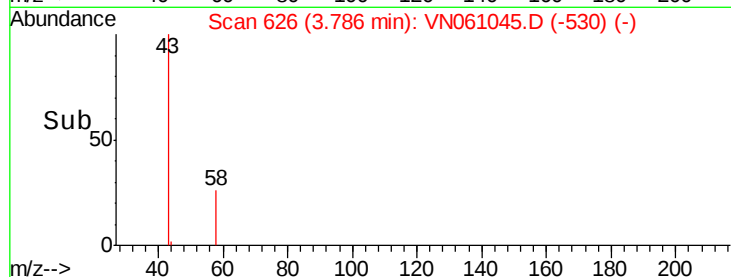
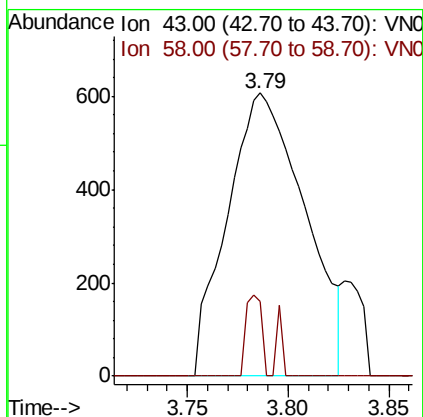
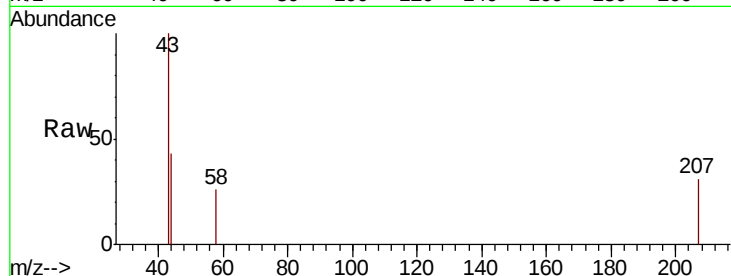




#16
Acetone
Concen: 1.829 ug/l
RT: 3.79 min Scan# 626
Delta R.T. 0.01 min
Lab File: VN061045.D
Acq: 17 Apr 2020 13:06

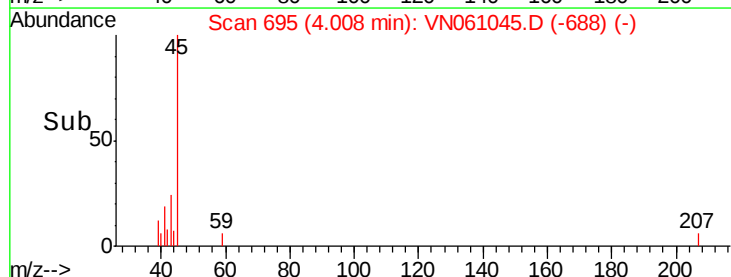
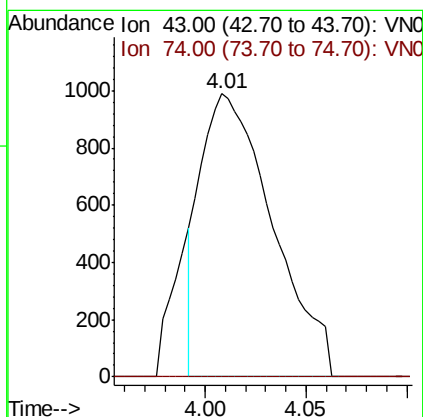
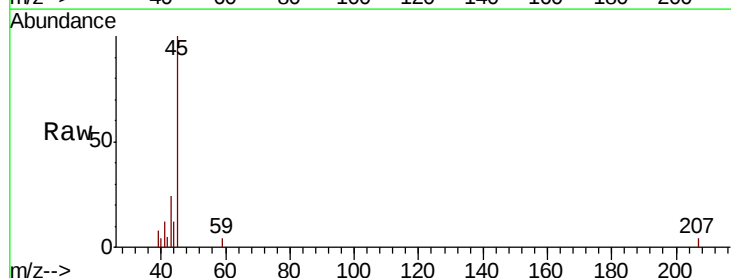
Instrument :
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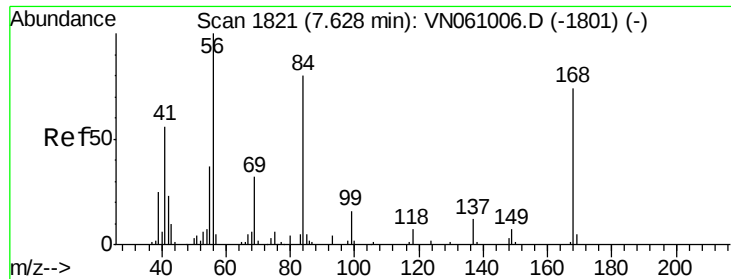
Tot Ion: 43 Resp: 1622
Ion Ratio Lower Upper
43 100
58 26.2 24.6 37.0



#18
Methyl Acetate
Concen: 0.880 ug/l
RT: 4.01 min Scan# 695
Delta R.T. -0.28 min
Lab File: VN061045.D
Acq: 17 Apr 2020 13:06

Tgt Ion: 43 Resp: 2447
Ion Ratio Lower Upper
43 100
74 0.0 17.4 26.0#

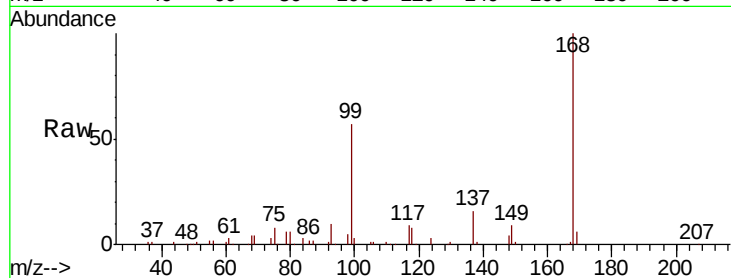




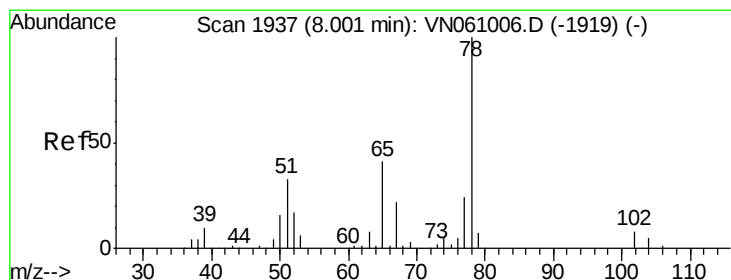
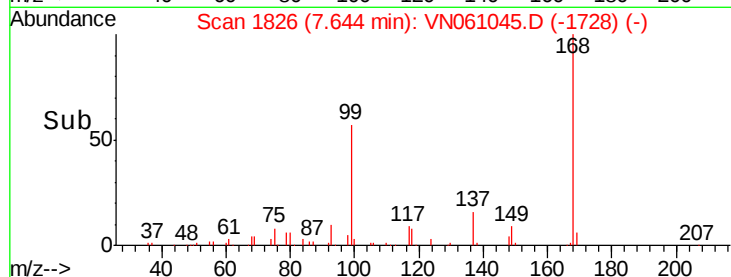
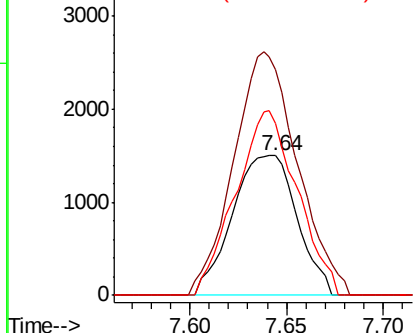
#31
Cyclohexane
Concen: 0.928 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. 0.02 min
Lab File: VN061045.D
Acq: 17 Apr 2020 13:06

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

Tot Ion: 56 Resp: 3482
Ion Ratio Lower Upper
56 100
69 161.9 25.6 38.4#
84 122.6 63.4 95.2#

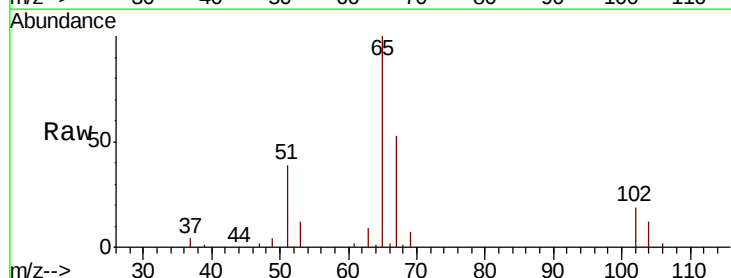


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

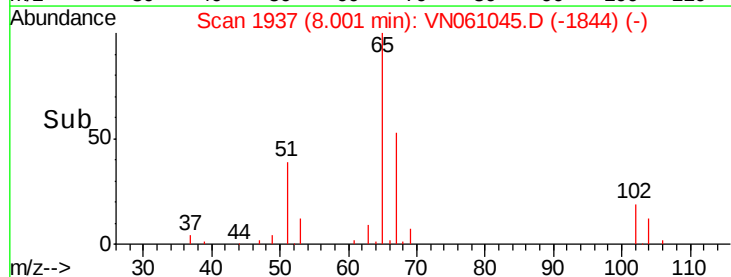
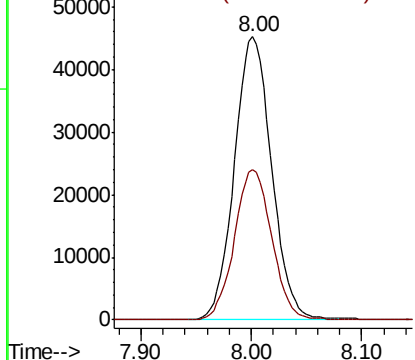


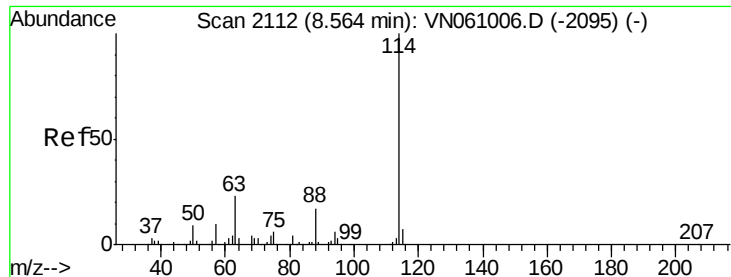
#33
1,2-Dichloroethane-d4
Concen: 52.510 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VN061045.D
Acq: 17 Apr 2020 13:06

Tgt Ion: 65 Resp: 105811
Ion Ratio Lower Upper
65 100
67 53.2 0.0 107.0



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

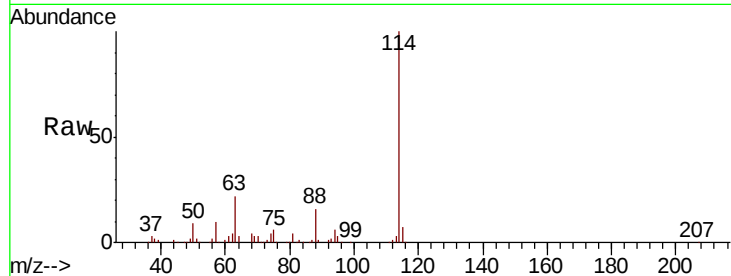




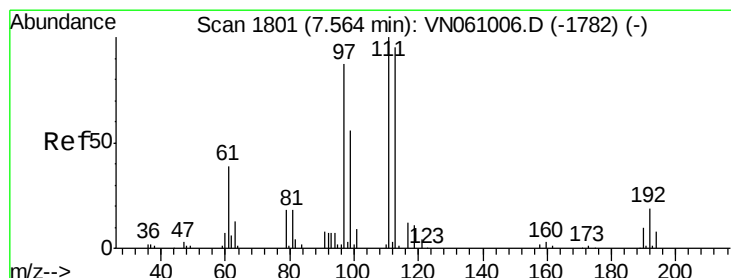
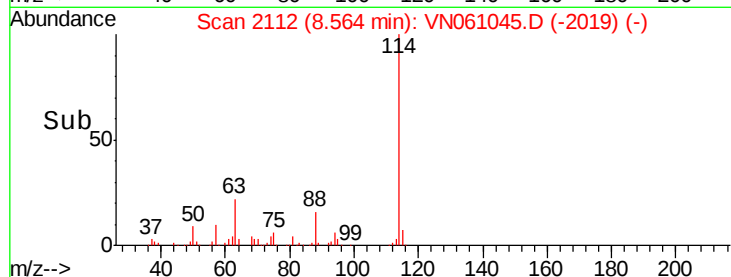
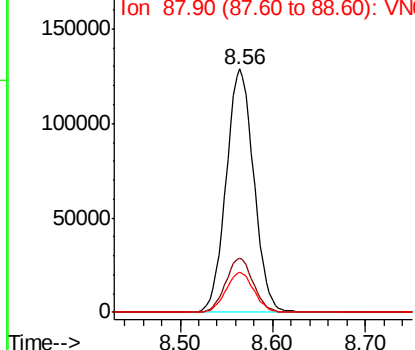
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. 0.00 min
 Lab File: VN061045.D
 Acq: 17 Apr 2020 13:06

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Tot Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	46.2
88	16.3	0.0	33.4

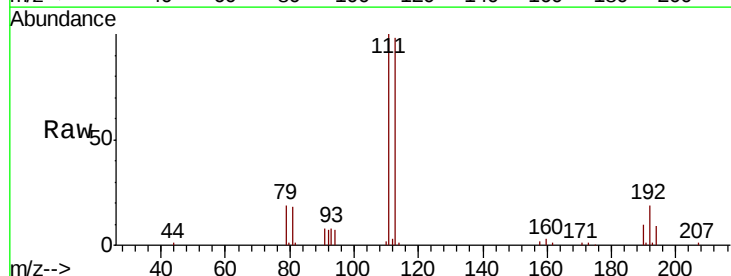


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

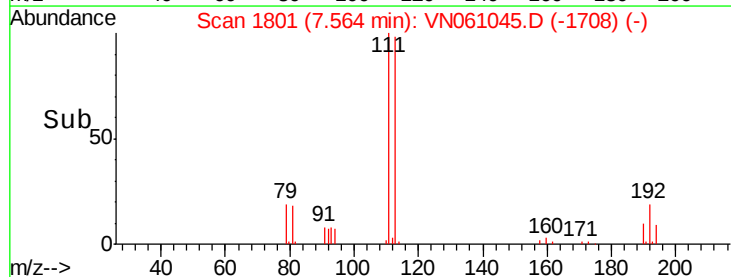
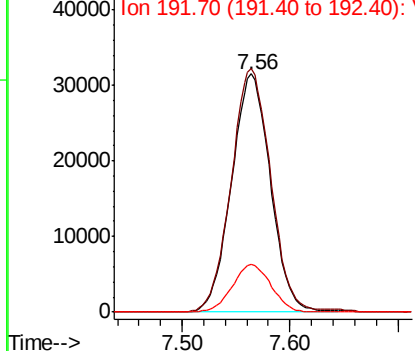


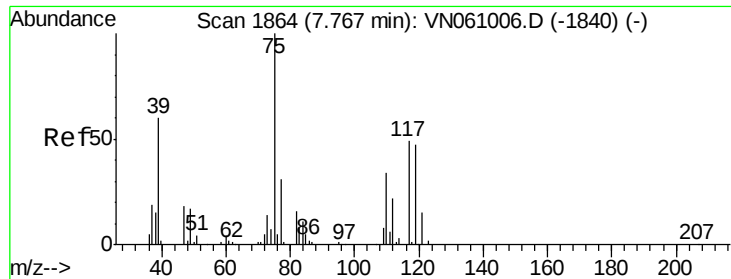
#35
 Dibromofluoromethane
 Concen: 50.787 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: VN061045.D
 Acq: 17 Apr 2020 13:06

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.2	83.4	125.2
192	19.8	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

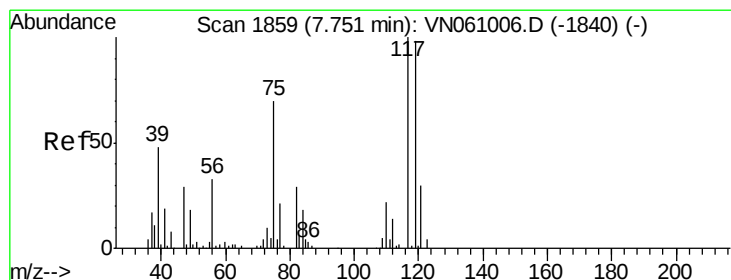
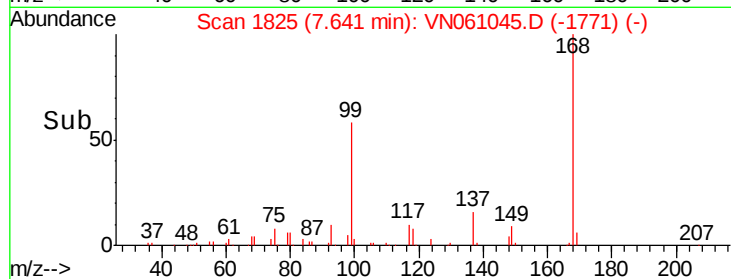
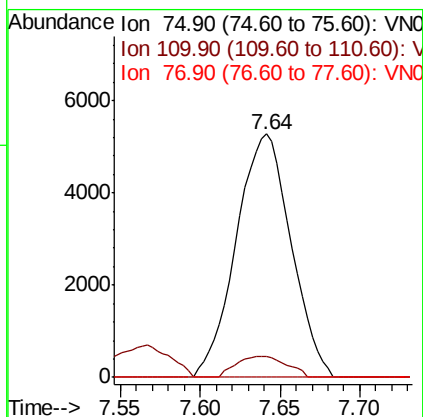
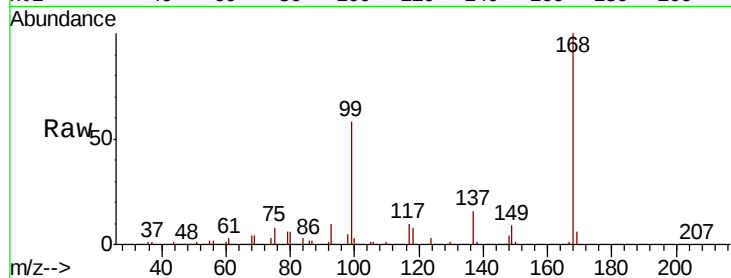




#36
 1,1-Dichloropropene
 Concen: 4.504 ug/l
 RT: 7.64 min Scan# 1825
 Delta R.T. -0.13 min
 Lab File: VN061045.D
 Acq: 17 Apr 2020 13:06

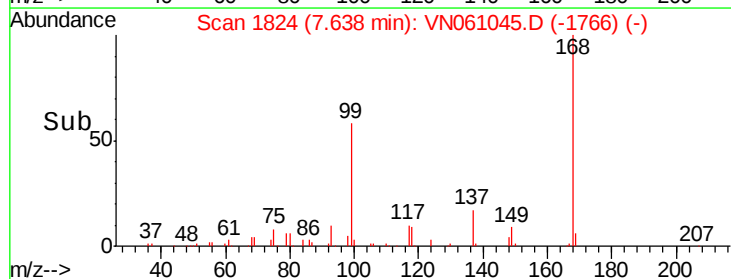
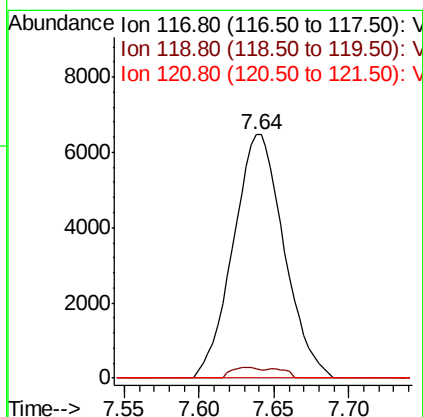
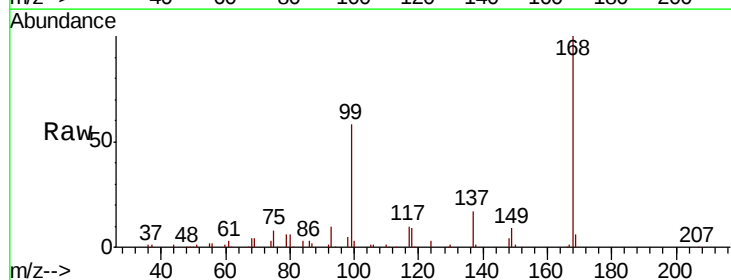
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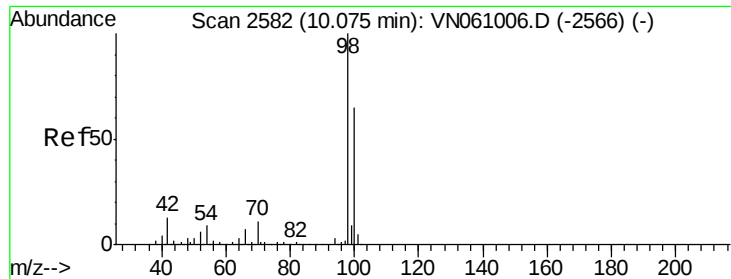
Tot Ion	Ratio	Lower	Upper
75	100		
110	7.9	16.8	50.3#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 6.667 ug/l
 RT: 7.64 min Scan# 1824
 Delta R.T. -0.11 min
 Lab File: VN061045.D
 Acq: 17 Apr 2020 13:06

Tgt Ion	Ratio	Lower	Upper
117	100		
119	3.8	78.1	117.1#
121	0.0	24.0	36.0#





#50

Toluene-d8

Concen: 55.973 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. 0.00 min

Lab File: VN061045.D

Acq: 17 Apr 2020 13:06

Instrument :

MSVOA_N

ClientSampleId :

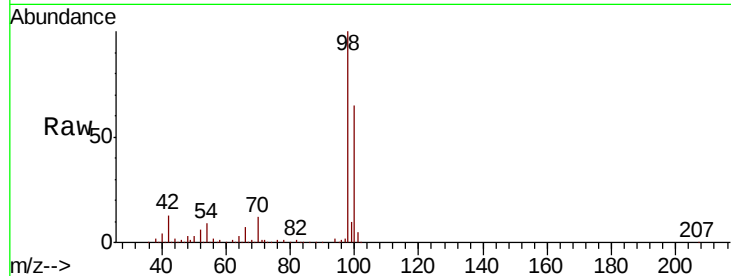
STORAGE-BLANK-SOIL-REF-4

Tot Ion: 98 Resp: 329623

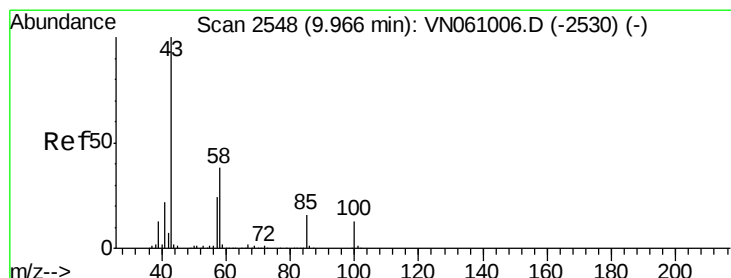
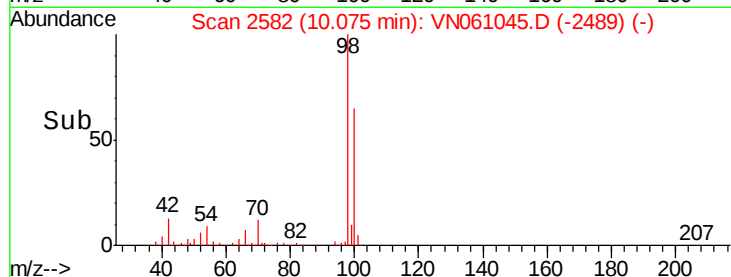
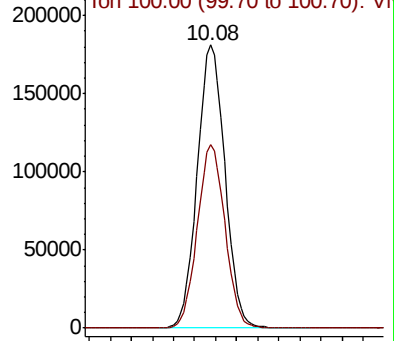
Ion Ratio Lower Upper

98 100

100 64.6 51.9 77.9



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



#51

4-Methyl-2-Pentanone

Concen: 0.564 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. 0.11 min

Lab File: VN061045.D

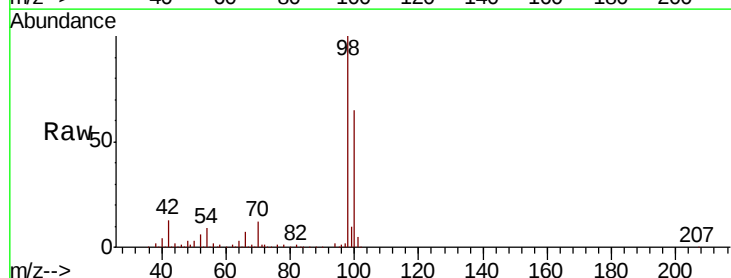
Acq: 17 Apr 2020 13:06

Tgt Ion: 43 Resp: 1582

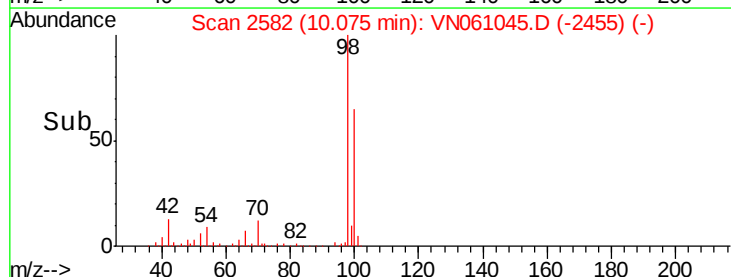
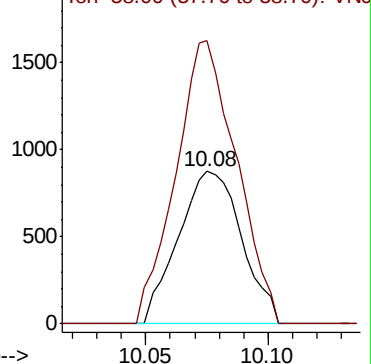
Ion Ratio Lower Upper

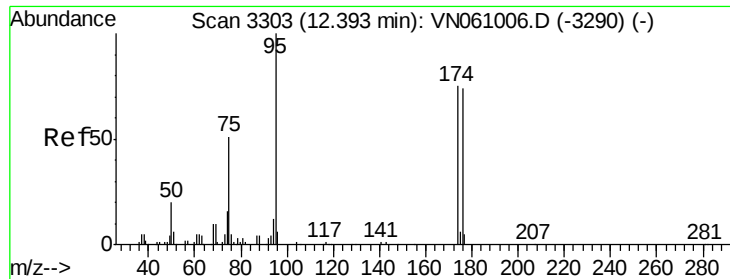
43 100

58 177.3 30.3 45.5#



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

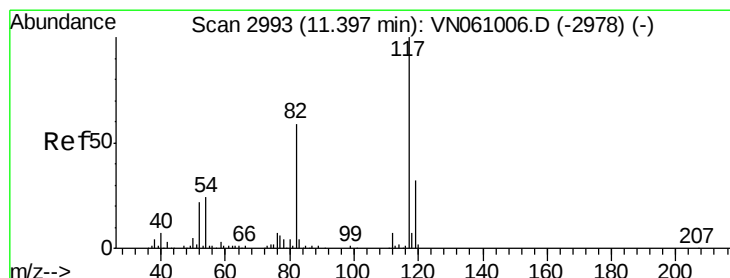
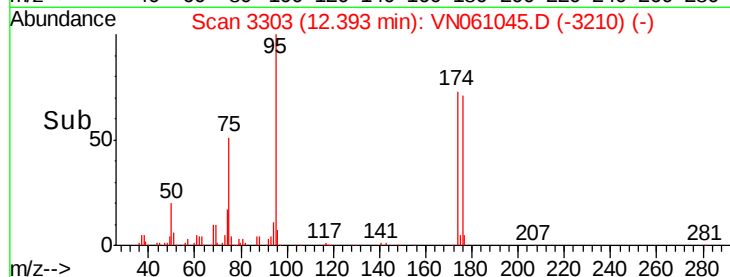
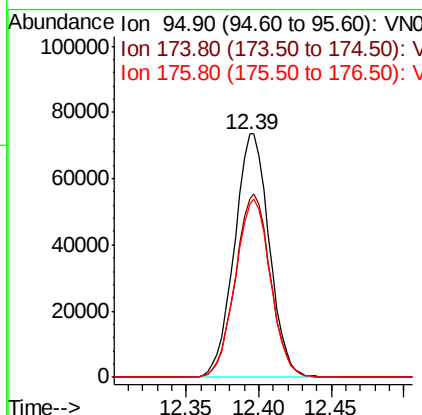
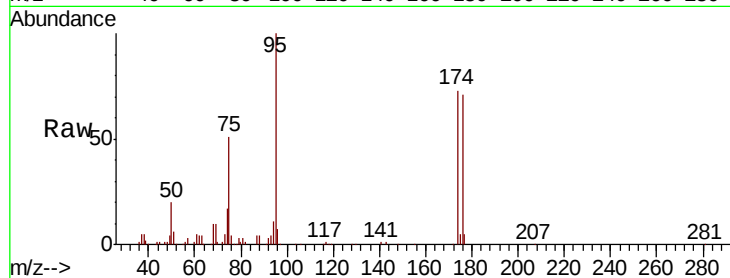




#62
 4-Bromofluorobenzene
 Concen: 53.198 ug/l
 RT: 12.39 min Scan# 3303
 Delta R.T. 0.00 min
 Lab File: VN061045.D
 Acq: 17 Apr 2020 13:06

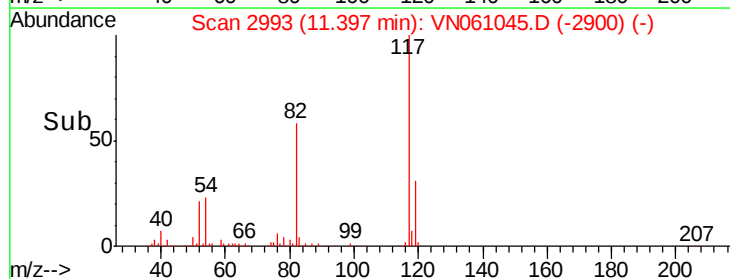
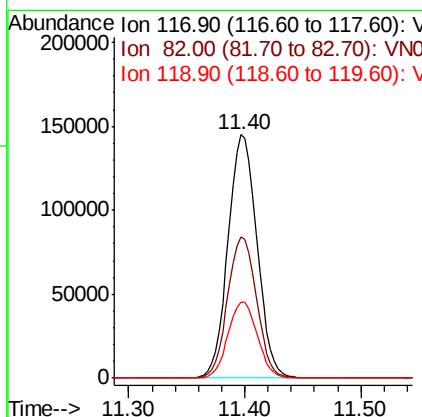
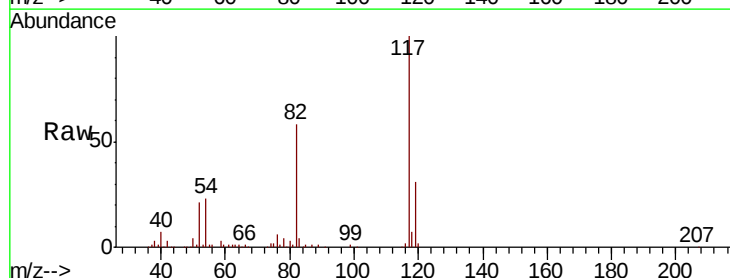
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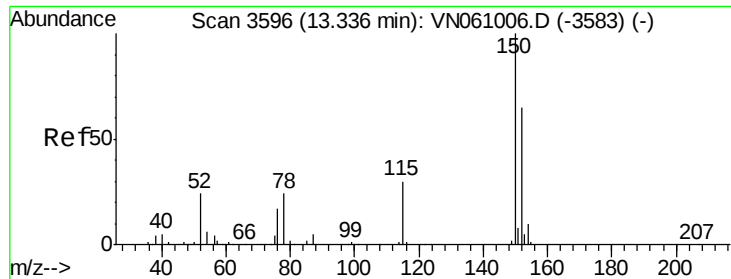
Tot Ion: 95 Resp: 122786
 Ion Ratio Lower Upper
 95 100
 174 75.7 0.0 151.2
 176 73.7 0.0 148.2



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.40 min Scan# 2993
 Delta R.T. 0.00 min
 Lab File: VN061045.D
 Acq: 17 Apr 2020 13:06

Tgt Ion: 117 Resp: 251261
 Ion Ratio Lower Upper
 117 100
 82 57.8 47.1 70.7
 119 31.2 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN061045.D

Acq: 17 Apr 2020 13:06

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SOIL-REF-4

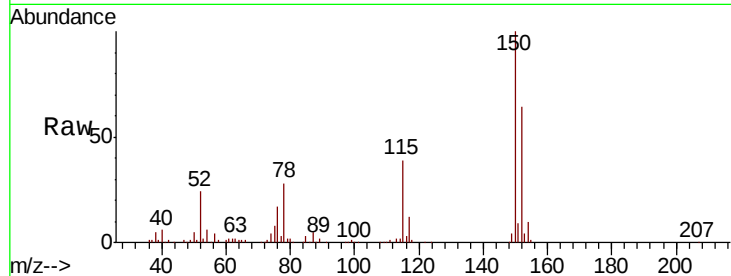
Tot Ion:152 Resp: 108162

Ion Ratio Lower Upper

152 100

115 61.7 30.8 92.4

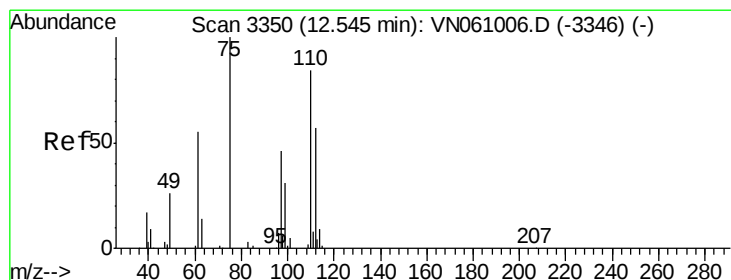
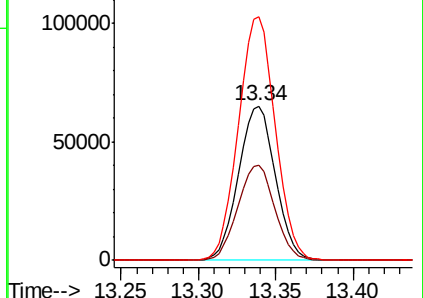
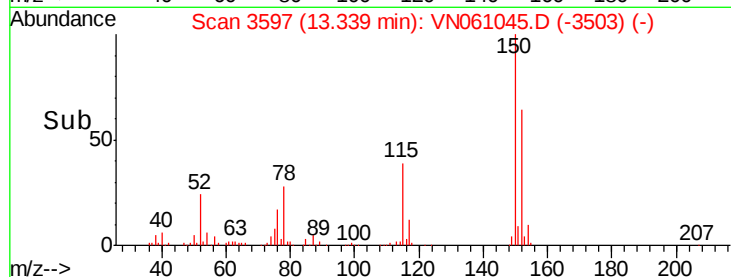
150 158.1 0.0 349.0



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: 26.278 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. -0.15 min

Lab File: VN061045.D

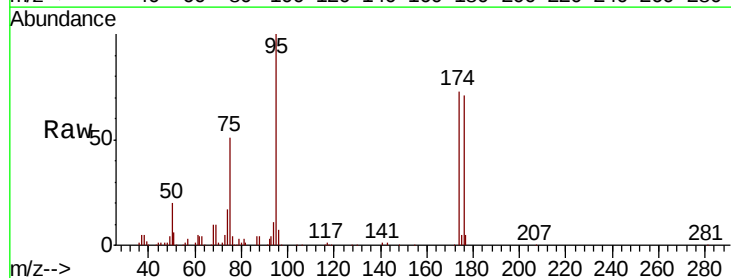
Acq: 17 Apr 2020 13:06

Tgt Ion: 75 Resp: 62518

Ion Ratio Lower Upper

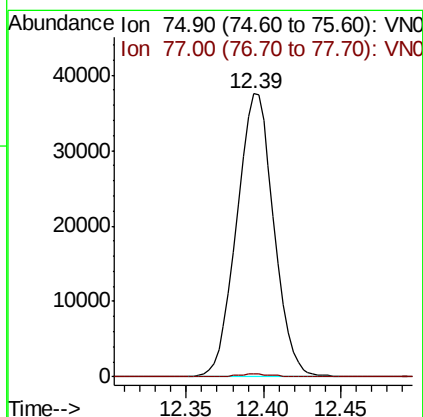
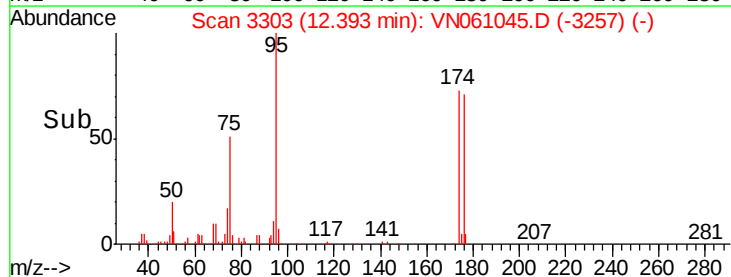
75 100

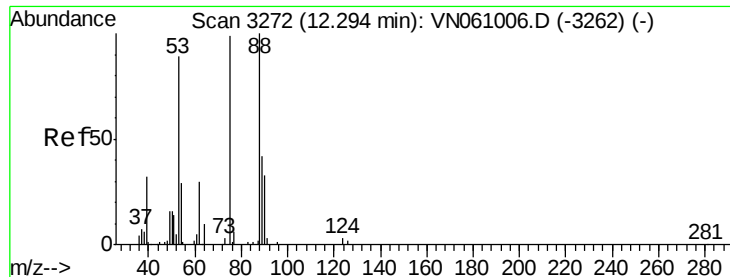
77 0.9 0.0 0.0#



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: 64.816 ug/l
 RT: 12.39 min Scan# 3303
 Delta R.T. 0.10 min
 Lab File: VN061045.D
 Acq: 17 Apr 2020 13:06

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

Tot Ion: 75 Resp: 62518
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.7 112.1#
 89 0.0 34.6 52.0#

