

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050621\
 Data File : VU043582.D
 Acq On : 06 May 2021 14:50
 Operator : SY/MD
 Sample : M2243-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

Quant Time: May 07 02:04:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U050621W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 06 07:26:23 2021
 Response via : Initial Calibration

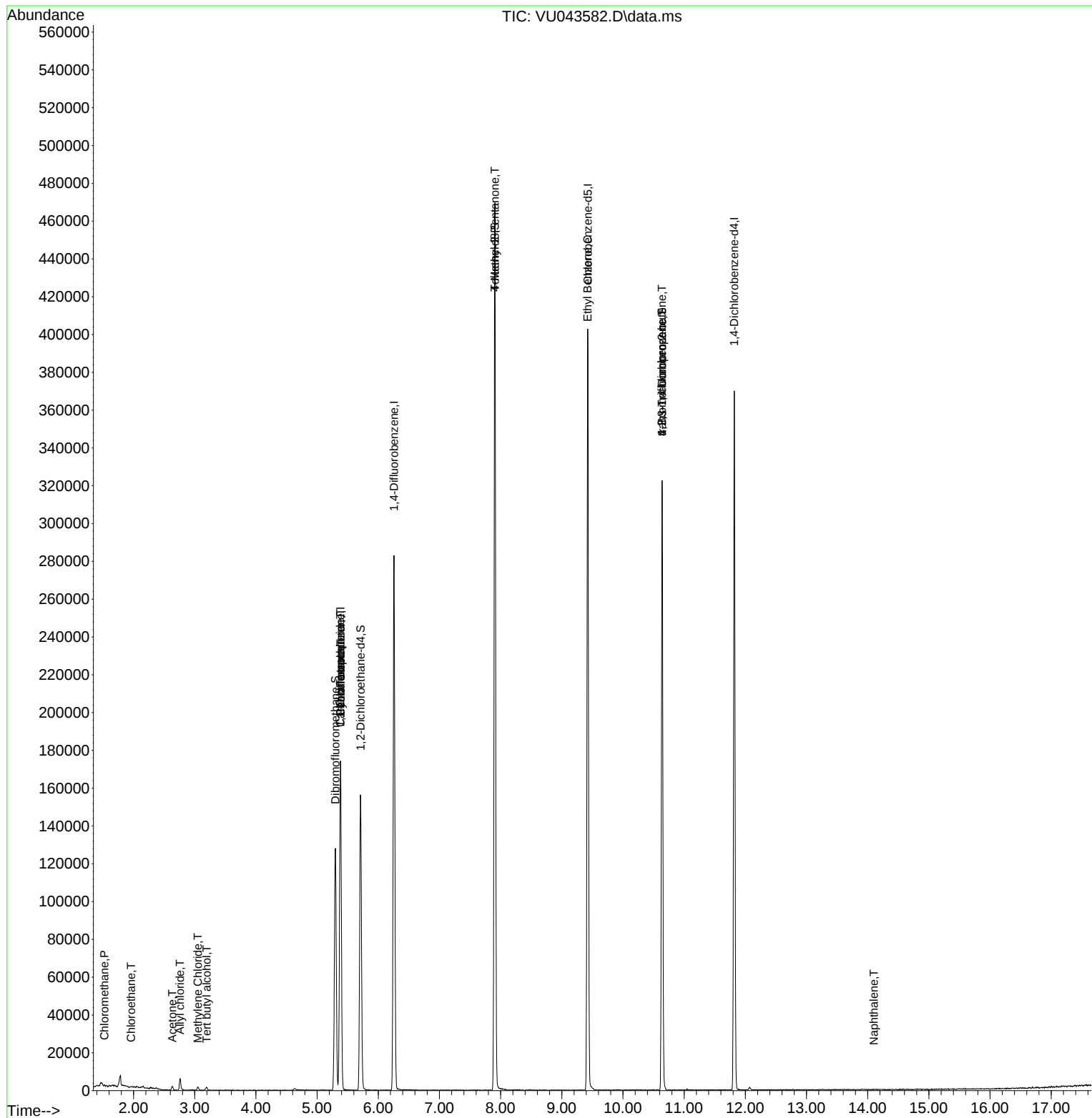
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.382	168	112199	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.257	114	200717	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.424	117	196869	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	85993	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	118489	52.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.34%	
35) Dibromofluoromethane	5.298	113	81569	50.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.92%	
50) Toluene-d8	7.906	98	280418	49.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.82%	
62) 4-Bromofluorobenzene	10.639	95	96022	44.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.94%	
Target Compounds						
						Qvalue
3) Chloromethane	1.524	50	1040	0.83	ug/l	95
6) Chloroethane	1.961	64	289	0.25	ug/l #	43
11) Tert butyl alcohol	3.196	59	1137	1.87	ug/l #	73
14) Allyl chloride	2.758	41	652	0.20	ug/l #	58
16) Acetone	2.636	43	2266	1.80	ug/l	96
20) Methylene Chloride	3.048	84	755	0.43	ug/l	92
31) Cyclohexane	5.382	56	3206	1.18	ug/l #	2
36) 1,1-Dichloropropene	5.379	75	10538	4.62	ug/l #	51
38) Carbon Tetrachloride	5.379	117	12294	5.32	ug/l #	17
51) 4-Methyl-2-Pentanone	7.906	43	1550	19.49	ug/l #	1
67) Ethyl Benzene	9.421	91	351	1.49	ug/l #	45
76) 1,2,3-Trichloropropane	10.639	75	55770	20.40	ug/l #	43
81) trans-1,4-Dichloro-2-b...	10.639	75	55770	66.42	ug/l #	3
95) Naphthalene	14.102	128	242	1.56	ug/l #	69

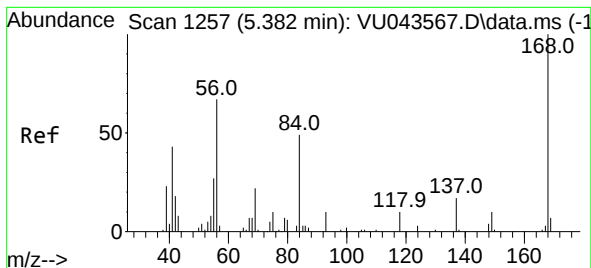
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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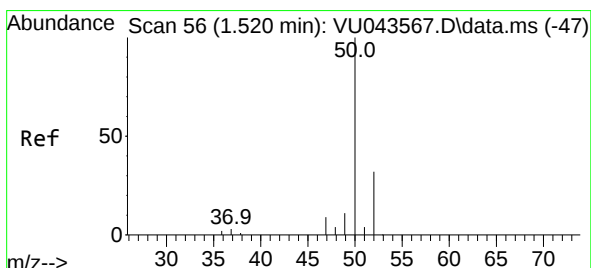
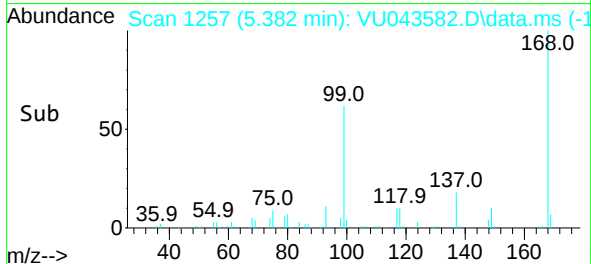
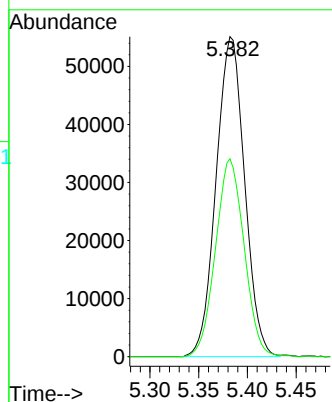
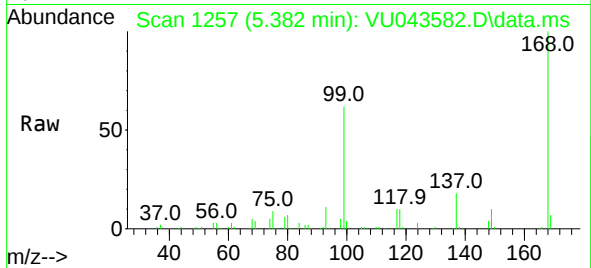




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VU043582.D
Acq: 06 May 2021 14:50

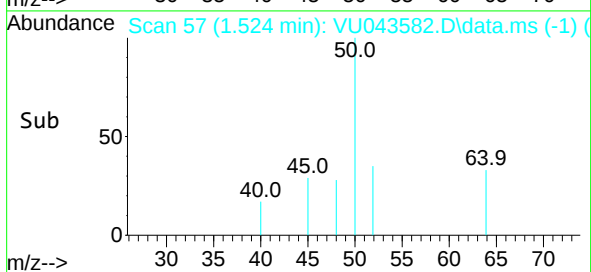
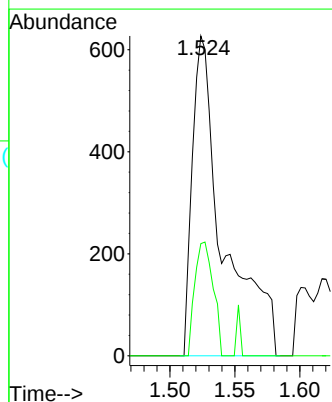
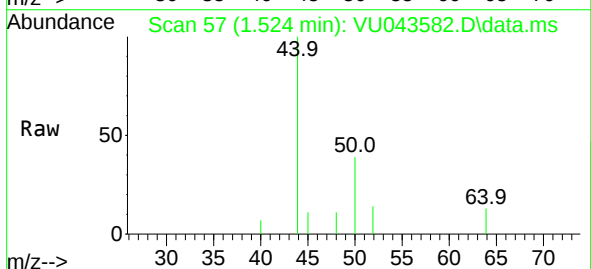
Instrument :
MSVOA_U
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

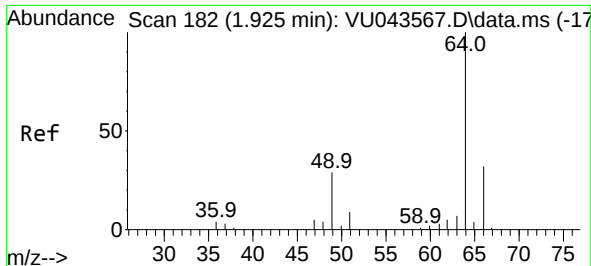
Tgt Ion:168 Resp: 112199
Ion Ratio Lower Upper
168 100
99 61.9 49.0 73.6



#3
Chloromethane
Concen: 0.83 ug/l
RT: 1.524 min Scan# 57
Delta R.T. 0.004 min
Lab File: VU043582.D
Acq: 06 May 2021 14:50

Tgt Ion: 50 Resp: 1040
Ion Ratio Lower Upper
50 100
52 35.1 25.9 38.9

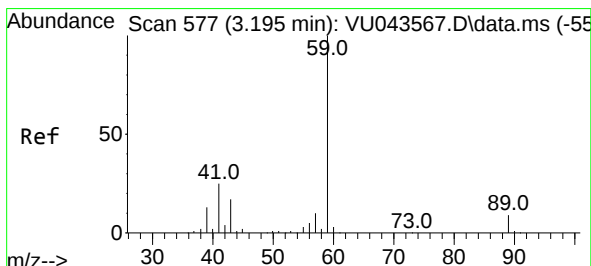
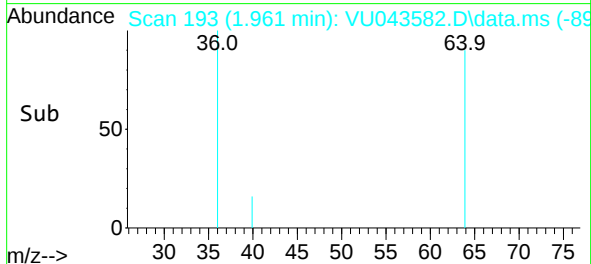
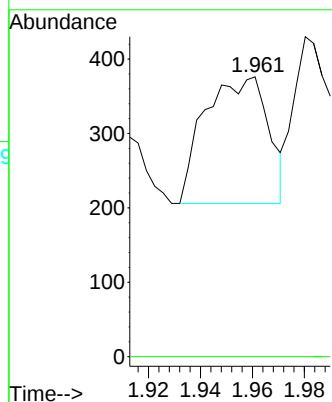
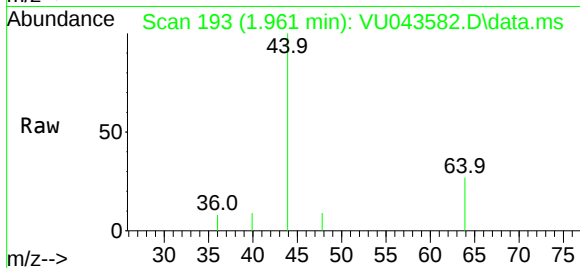




#6
Chloroethane
Concen: 0.25 ug/l
RT: 1.961 min Scan# 193
Delta R.T. 0.036 min
Lab File: VU043582.D
Acq: 06 May 2021 14:50

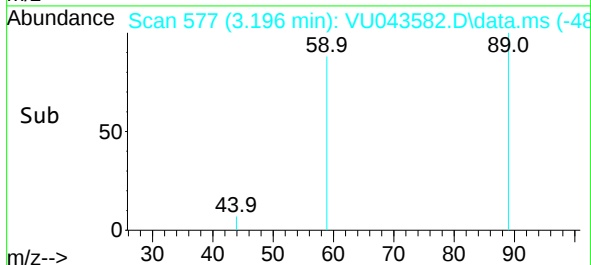
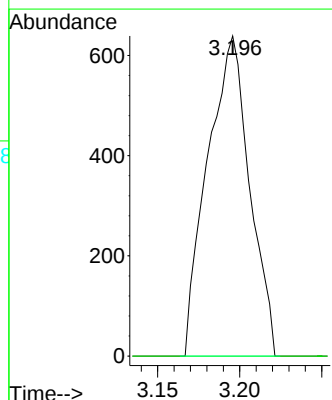
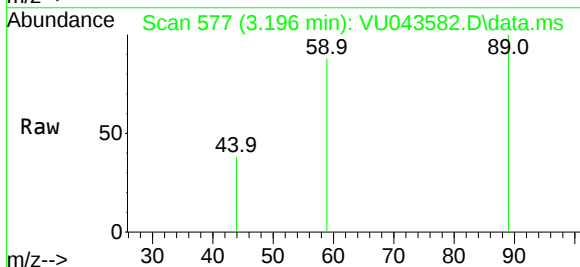
Instrument :
MSVOA_U
ClientSampleId :
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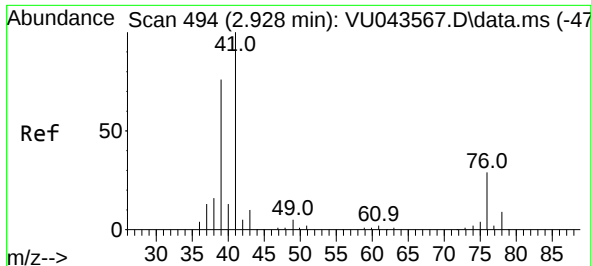
Tgt Ion: 64 Resp: 289
Ion Ratio Lower Upper
64 100
66 0.0 25.7 38.5#



#11
Tert butyl alcohol
Concen: 1.87 ug/l
RT: 3.196 min Scan# 577
Delta R.T. 0.000 min
Lab File: VU043582.D
Acq: 06 May 2021 14:50

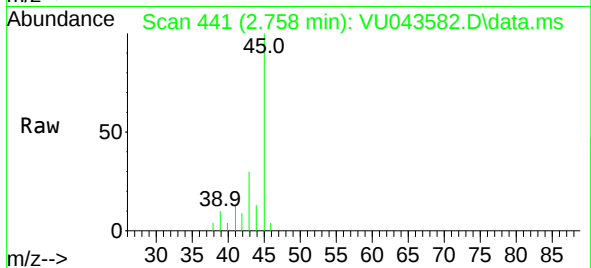
Tgt Ion: 59 Resp: 1137
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#



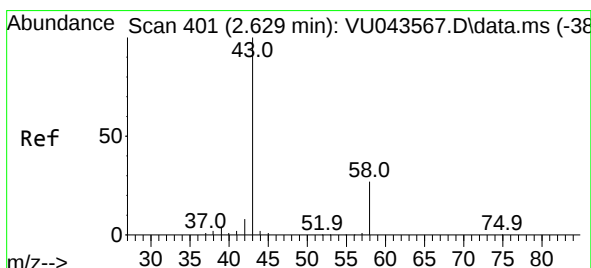
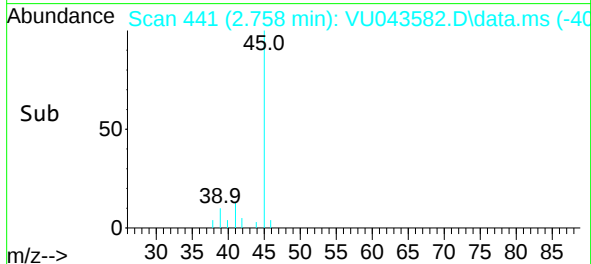
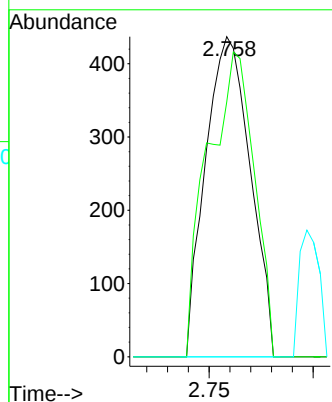


#14
 Allyl chloride
 Concen: 0.20 ug/l
 RT: 2.758 min Scan# 441
 Delta R.T. -0.170 min
 Lab File: VU043582.D
 Acq: 06 May 2021 14:50

Instrument :
 MSVOA_U
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

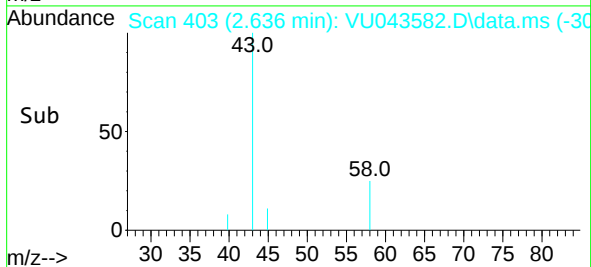
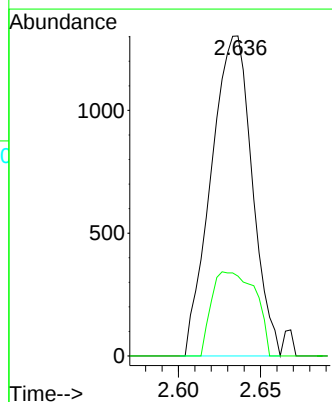
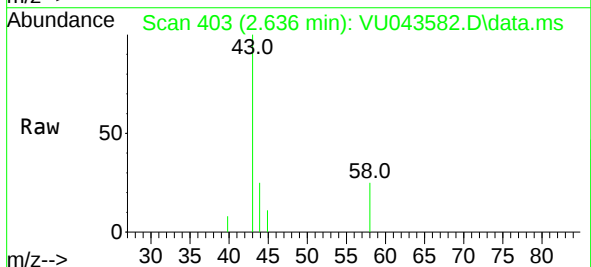


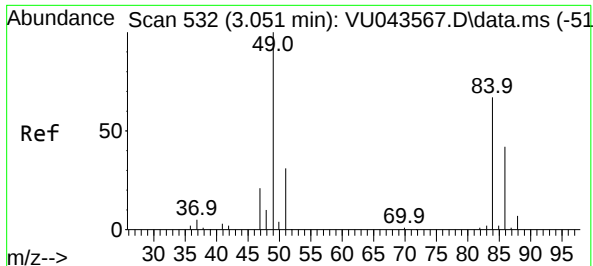
Tgt Ion: 41 Resp: 652
 Ion Ratio Lower Upper
 41 100
 39 99.4 54.5 81.7#
 76 0.0 19.9 29.9#



#16
 Acetone
 Concen: 1.80 ug/l
 RT: 2.636 min Scan# 403
 Delta R.T. 0.007 min
 Lab File: VU043582.D
 Acq: 06 May 2021 14:50

Tgt Ion: 43 Resp: 2266
 Ion Ratio Lower Upper
 43 100
 58 24.9 21.7 32.5





#20

Methylene Chloride

Concen: 0.43 ug/l

RT: 3.048 min Scan# 531

Delta R.T. -0.003 min

Lab File: VU043582.D

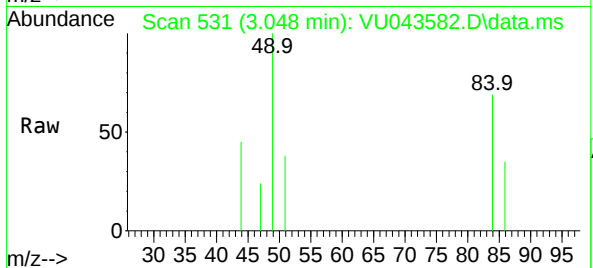
Acq: 06 May 2021 14:50

Instrument :

MSVOA_U

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6



Tgt Ion: 84 Resp: 755

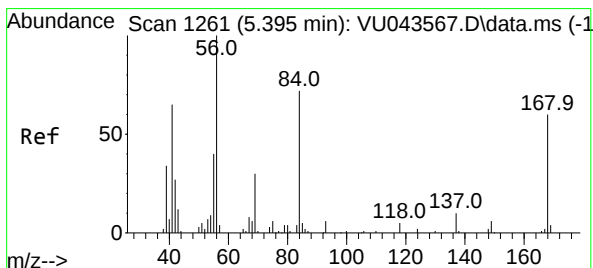
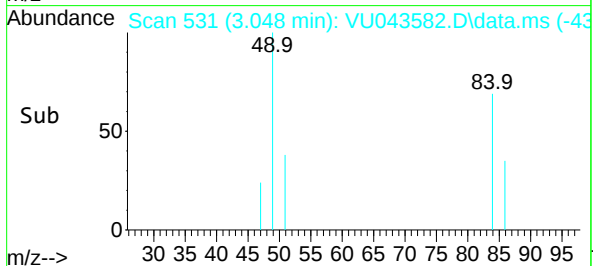
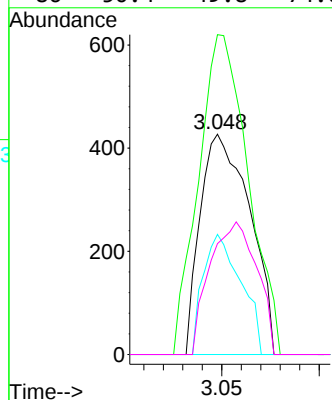
Ion Ratio Lower Upper

84 100

49 145.2 119.0 178.4

51 54.6 36.8 55.2

86 50.4 49.8 74.6



#31

Cyclohexane

Concen: 1.18 ug/l

RT: 5.382 min Scan# 1257

Delta R.T. -0.012 min

Lab File: VU043582.D

Acq: 06 May 2021 14:50

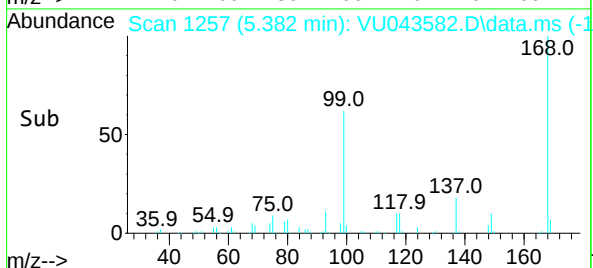
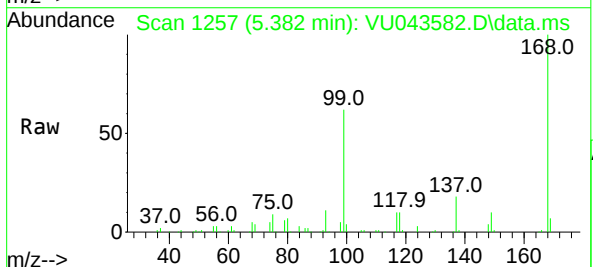
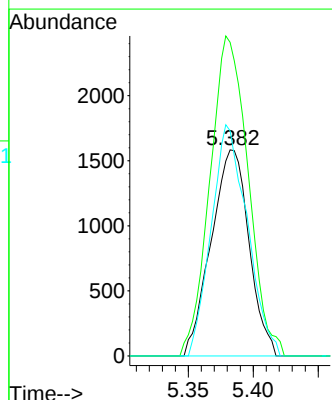
Tgt Ion: 56 Resp: 3206

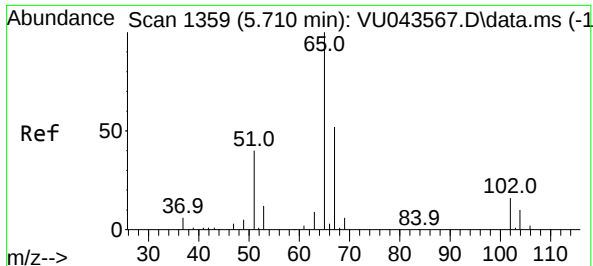
Ion Ratio Lower Upper

56 100

69 152.2 23.9 35.9#

84 109.3 57.7 86.5#

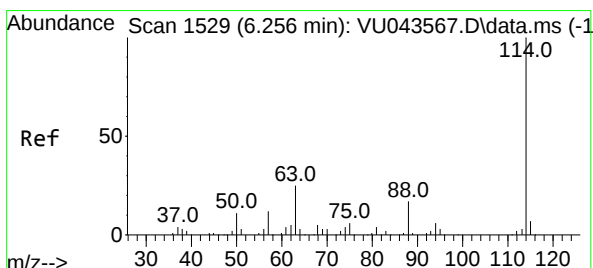
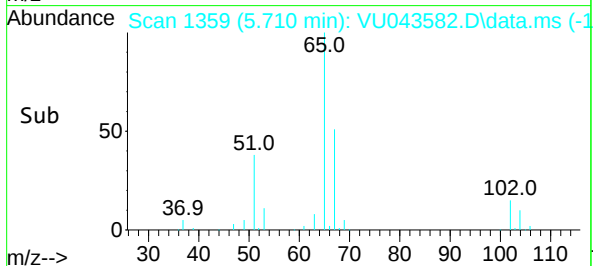
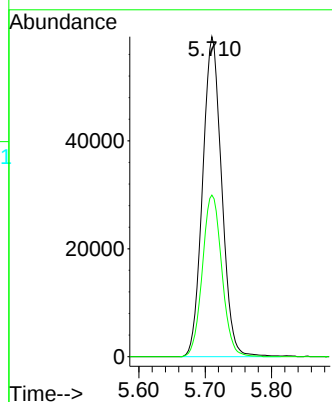
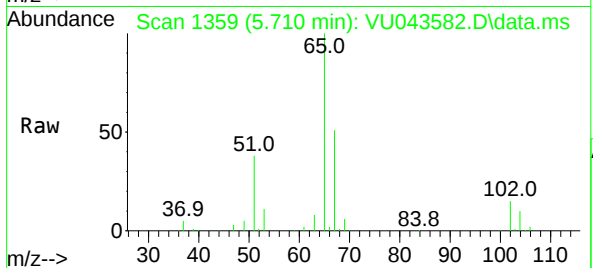




#33
1,2-Dichloroethane-d4
Concen: 52.17 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. 0.000 min
Lab File: VU043582.D
Acq: 06 May 2021 14:50

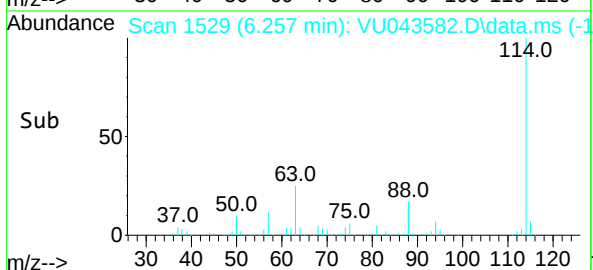
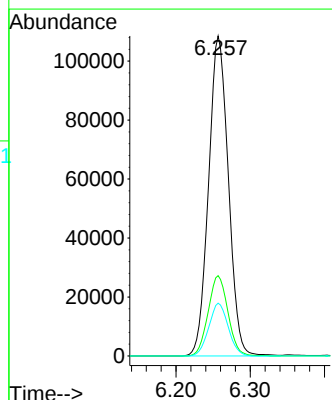
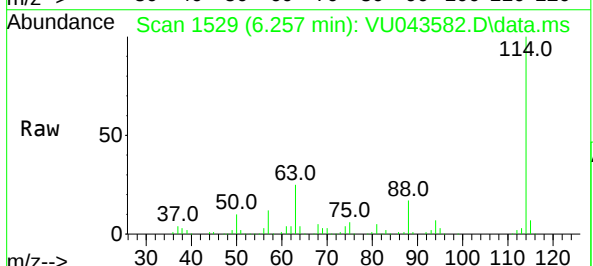
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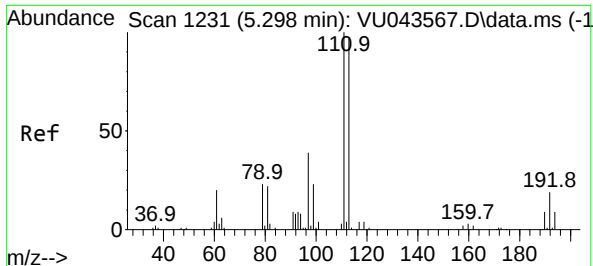
Tgt Ion: 65 Resp: 118489
Ion Ratio Lower Upper
65 100
67 51.5 0.0 104.6



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.257 min Scan# 1529
Delta R.T. 0.000 min
Lab File: VU043582.D
Acq: 06 May 2021 14:50

Tgt Ion: 114 Resp: 200717
Ion Ratio Lower Upper
114 100
63 25.1 0.0 50.2
88 16.5 0.0 33.8





#35

Dibromofluoromethane

Concen: 50.96 ug/l

RT: 5.298 min Scan# 1231

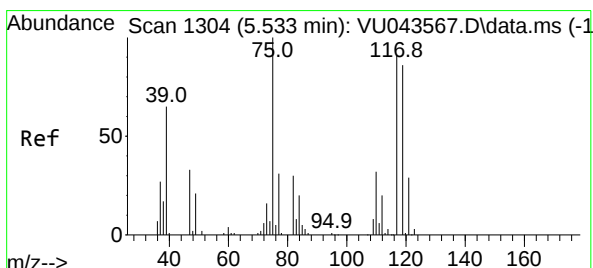
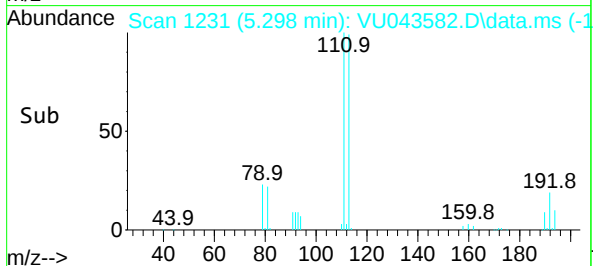
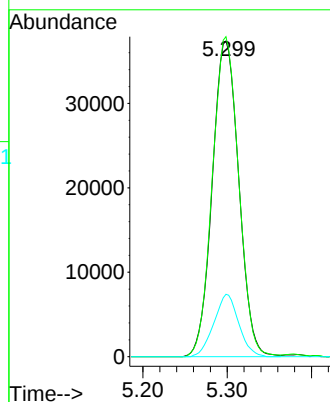
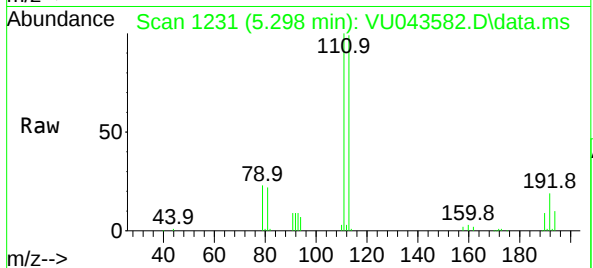
Delta R.T. 0.000 min

Lab File: VU043582.D

Acq: 06 May 2021 14:50

Tgt Ion:	113	Resp:	81569
Ion	Ratio	Lower	Upper
113	100		
111	100.6	82.3	123.5
192	18.5	15.8	23.6

Instrument :
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ClientSampleId :
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#36

1,1-Dichloropropene

Concen: 4.62 ug/l

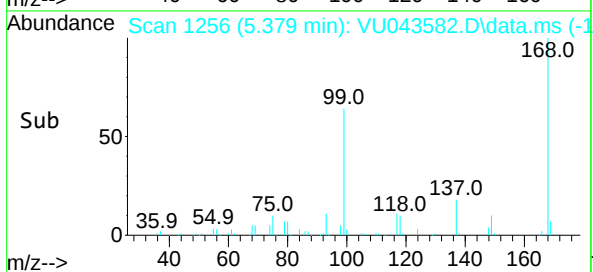
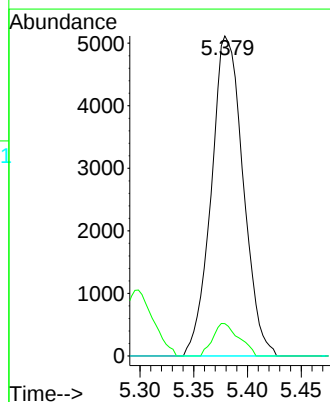
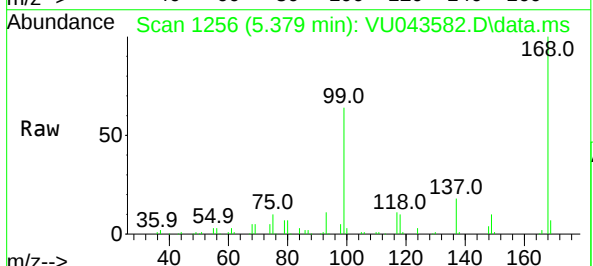
RT: 5.379 min Scan# 1256

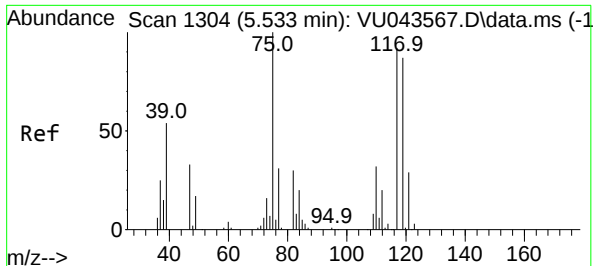
Delta R.T. -0.154 min

Lab File: VU043582.D

Acq: 06 May 2021 14:50

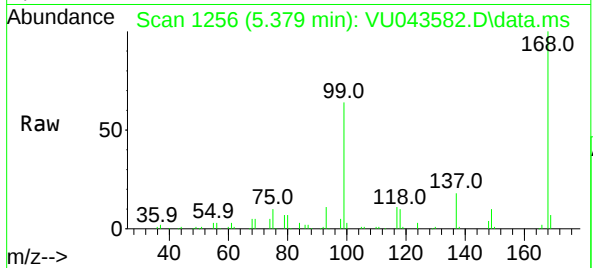
Tgt Ion:	75	Resp:	10538
Ion	Ratio	Lower	Upper
75	100		
110	8.3	16.2	48.5#
77	0.0	24.4	36.6#



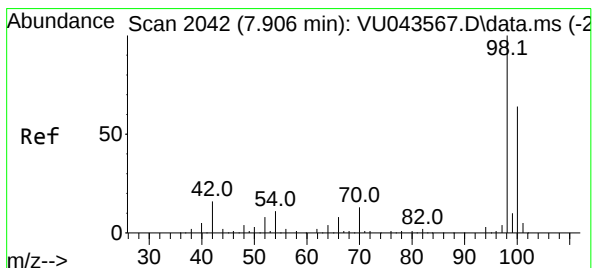
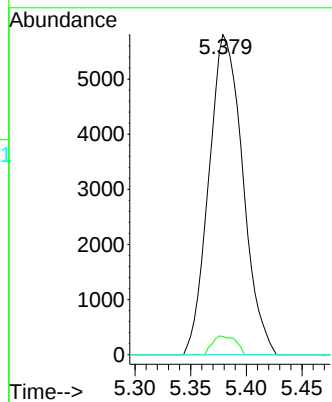
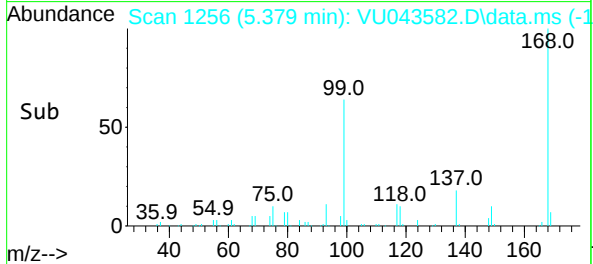


#38
Carbon Tetrachloride
Concen: 5.32 ug/l
RT: 5.379 min Scan# 1256
Delta R.T. -0.154 min
Lab File: VU043582.D
Acq: 06 May 2021 14:50

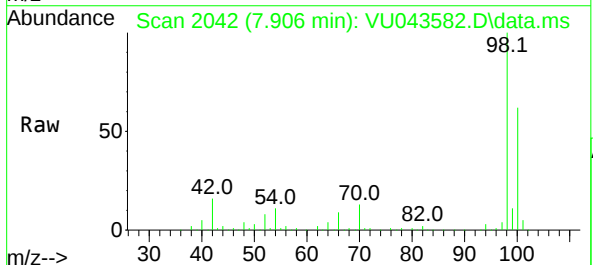
Instrument :
MSVOA_U
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6



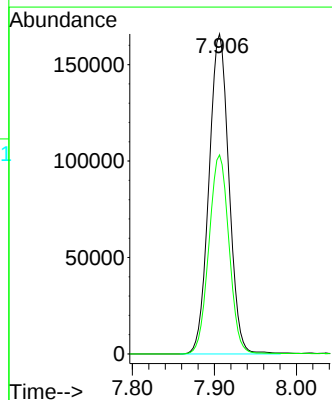
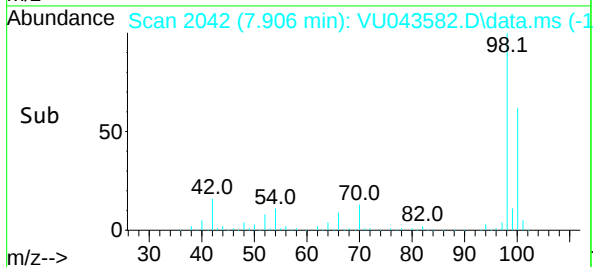
Tgt Ion:117 Resp: 12294
Ion Ratio Lower Upper
117 100
119 5.7 75.4 113.0#
121 0.0 25.2 37.8#

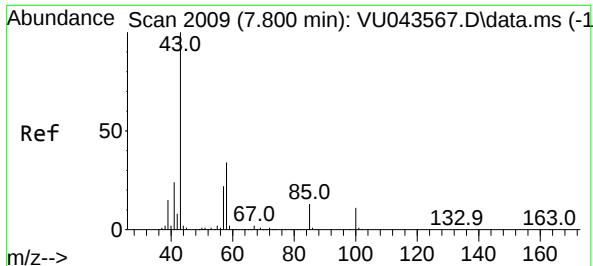


#50
Toluene-d8
Concen: 49.41 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. 0.000 min
Lab File: VU043582.D
Acq: 06 May 2021 14:50



Tgt Ion: 98 Resp: 280418
Ion Ratio Lower Upper
98 100
100 62.7 50.5 75.7

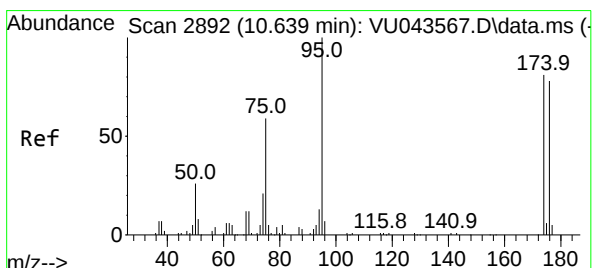
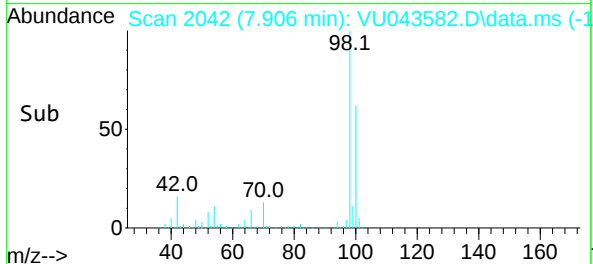
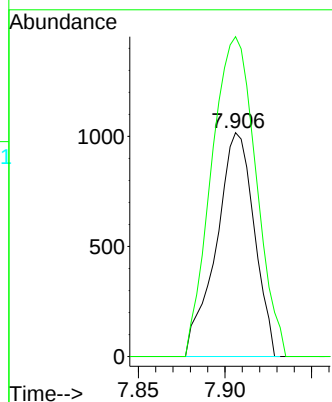
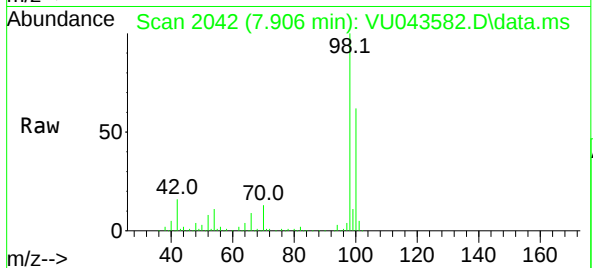




#51
4-Methyl-2-Pentanone
Concen: 19.49 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. 0.106 min
Lab File: VU043582.D
Acq: 06 May 2021 14:50

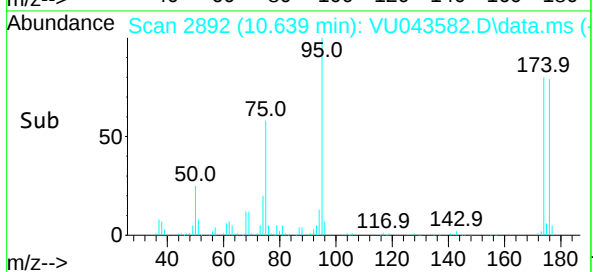
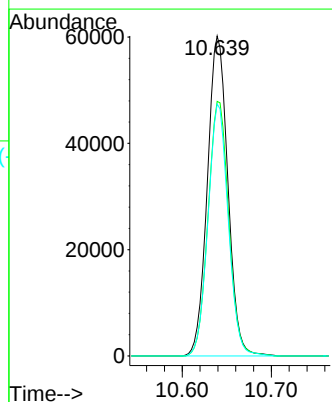
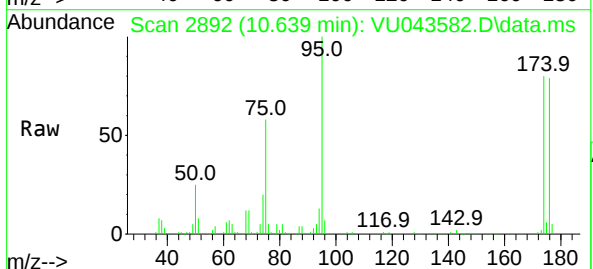
Instrument :
MSVOA_U
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

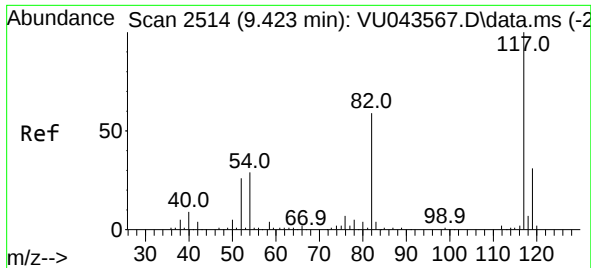
Tgt Ion: 43 Resp: 1550
Ion Ratio Lower Upper
43 100
58 167.1 27.2 40.8#



#62
4-Bromofluorobenzene
Concen: 44.47 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.000 min
Lab File: VU043582.D
Acq: 06 May 2021 14:50

Tgt Ion: 95 Resp: 96022
Ion Ratio Lower Upper
95 100
174 80.3 0.0 158.8
176 77.8 0.0 155.6

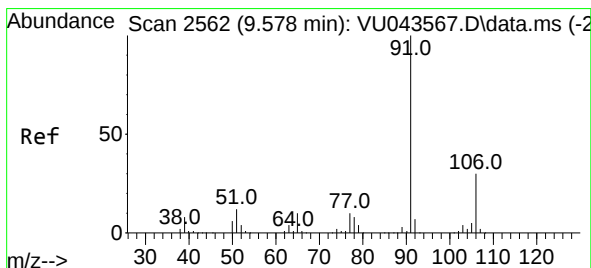
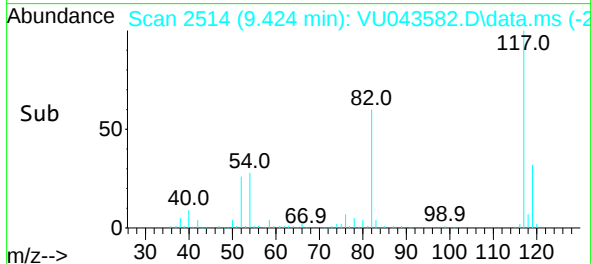
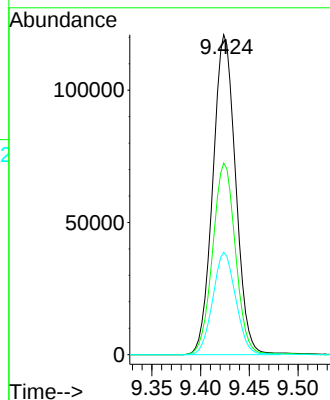
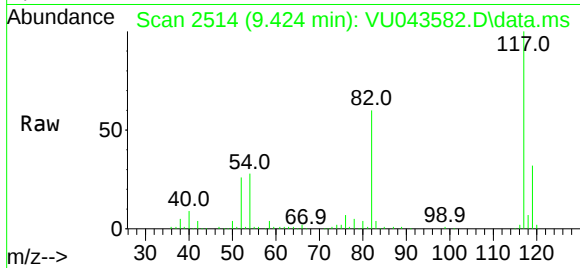




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.424 min Scan# 2514
Delta R.T. 0.001 min
Lab File: VU043582.D
Acq: 06 May 2021 14:50

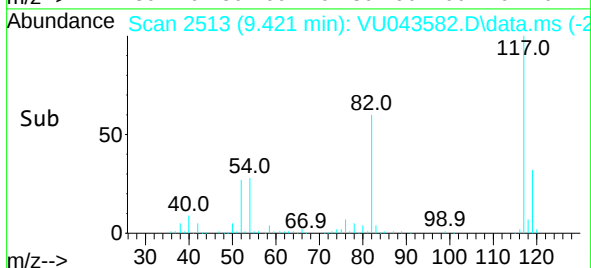
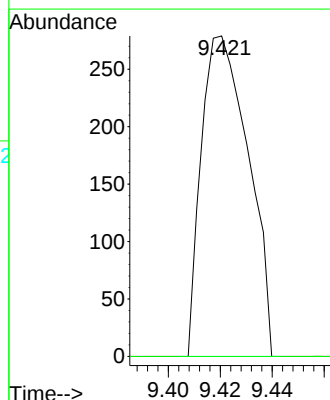
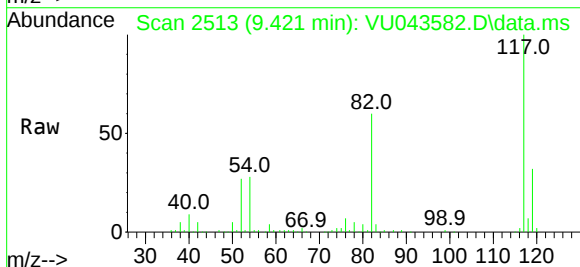
Instrument :
MSVOA_U
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

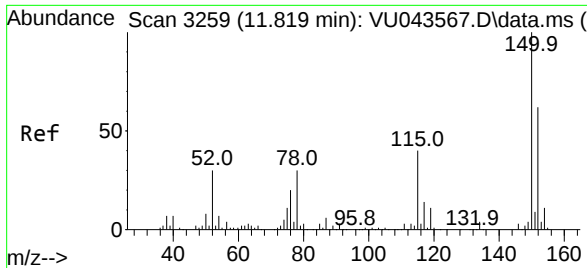
Tgt Ion:	117	Resp:	196869
Ion	Ratio	Lower	Upper
117	100		
82	59.9	47.5	71.3
119	32.0	24.7	37.1



#67
Ethyl Benzene
Concen: 1.49 ug/l
RT: 9.421 min Scan# 2513
Delta R.T. -0.157 min
Lab File: VU043582.D
Acq: 06 May 2021 14:50

Tgt Ion:	91	Resp:	351
Ion	Ratio	Lower	Upper
91	100		
106	0.0	24.0	36.0#

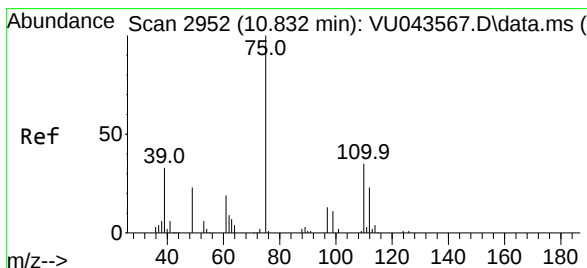
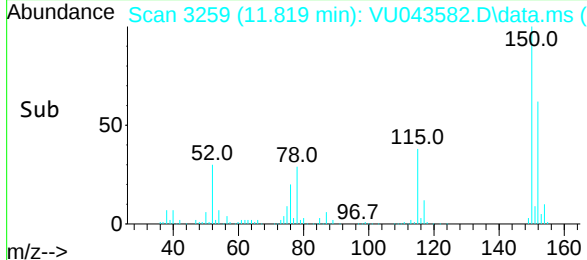
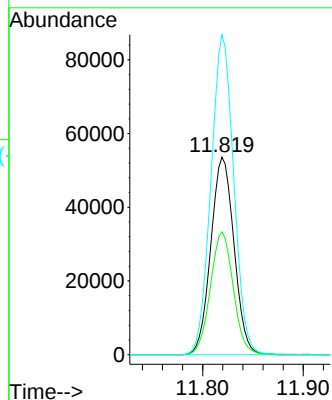
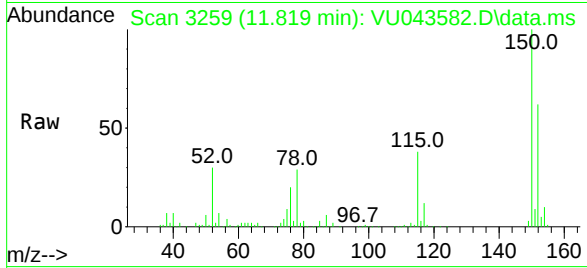




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.000 min
 Lab File: VU043582.D
 Acq: 06 May 2021 14:50

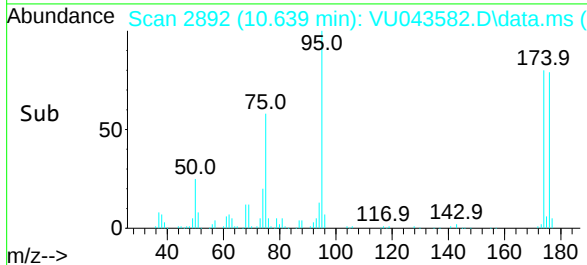
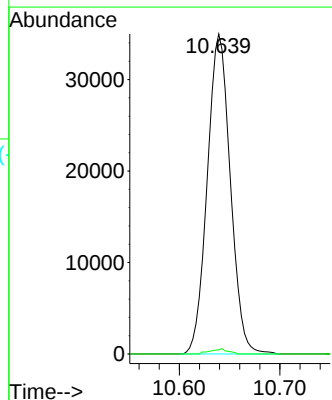
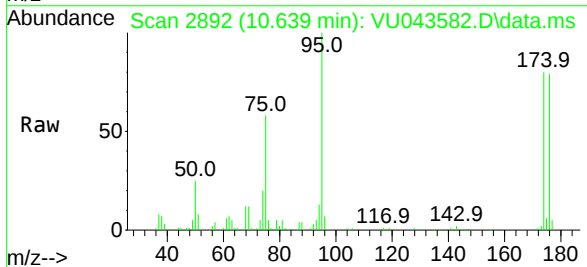
Instrument :
 MSVOA_U
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

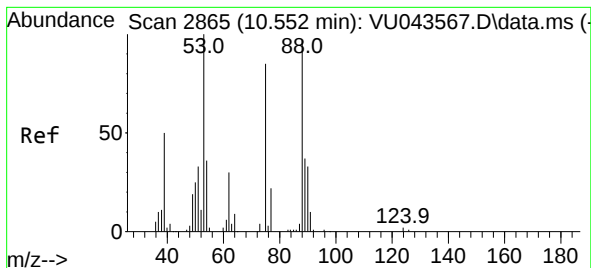
Tgt Ion:152 Resp: 85993
 Ion Ratio Lower Upper
 152 100
 115 61.3 46.1 138.3
 150 159.1 0.0 361.0



#76
 1,2,3-Trichloropropane
 Concen: 20.40 ug/l
 RT: 10.639 min Scan# 2892
 Delta R.T. -0.192 min
 Lab File: VU043582.D
 Acq: 06 May 2021 14:50

Tgt Ion: 75 Resp: 55770
 Ion Ratio Lower Upper
 75 100
 77 1.2 17.1 51.3#

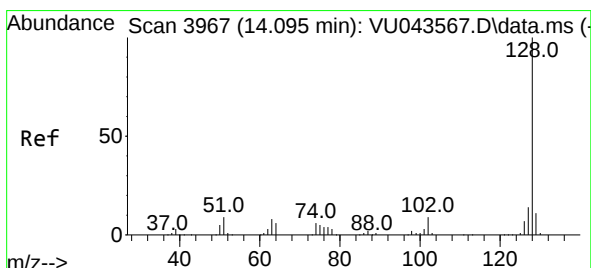
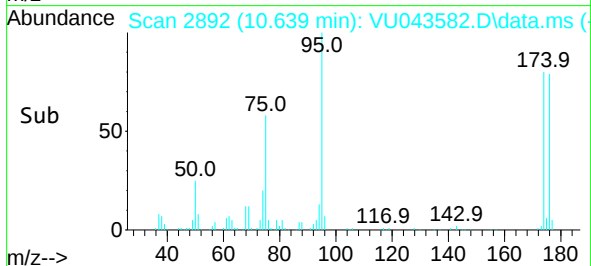
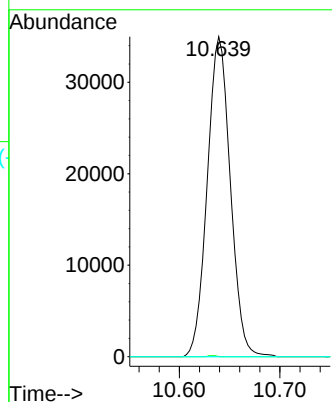
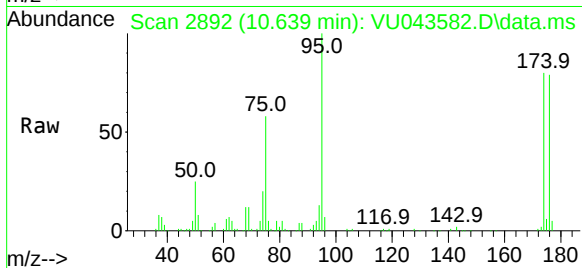




#81
trans-1,4-Dichloro-2-butene
Concen: 66.42 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.087 min
Lab File: VU043582.D
Acq: 06 May 2021 14:50

Instrument :
MSVOA_U
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 75 Resp: 55770
Ion Ratio Lower Upper
75 100
53 0.1 95.8 143.8#
89 0.0 36.1 54.1#



#95
Naphthalene
Concen: 1.56 ug/l
RT: 14.102 min Scan# 3969
Delta R.T. 0.007 min
Lab File: VU043582.D
Acq: 06 May 2021 14:50

Tgt Ion: 128 Resp: 242
Ion Ratio Lower Upper
128 100
127 0.0 10.7 16.1#
129 0.0 8.6 12.8#

