

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022021\
 Data File : VU042366.D
 Acq On : 19 Feb 2021 17:04
 Operator : SY/MD
 Sample : M1453-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Feb 20 00:29:42 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U021721W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 19 02:55:52 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

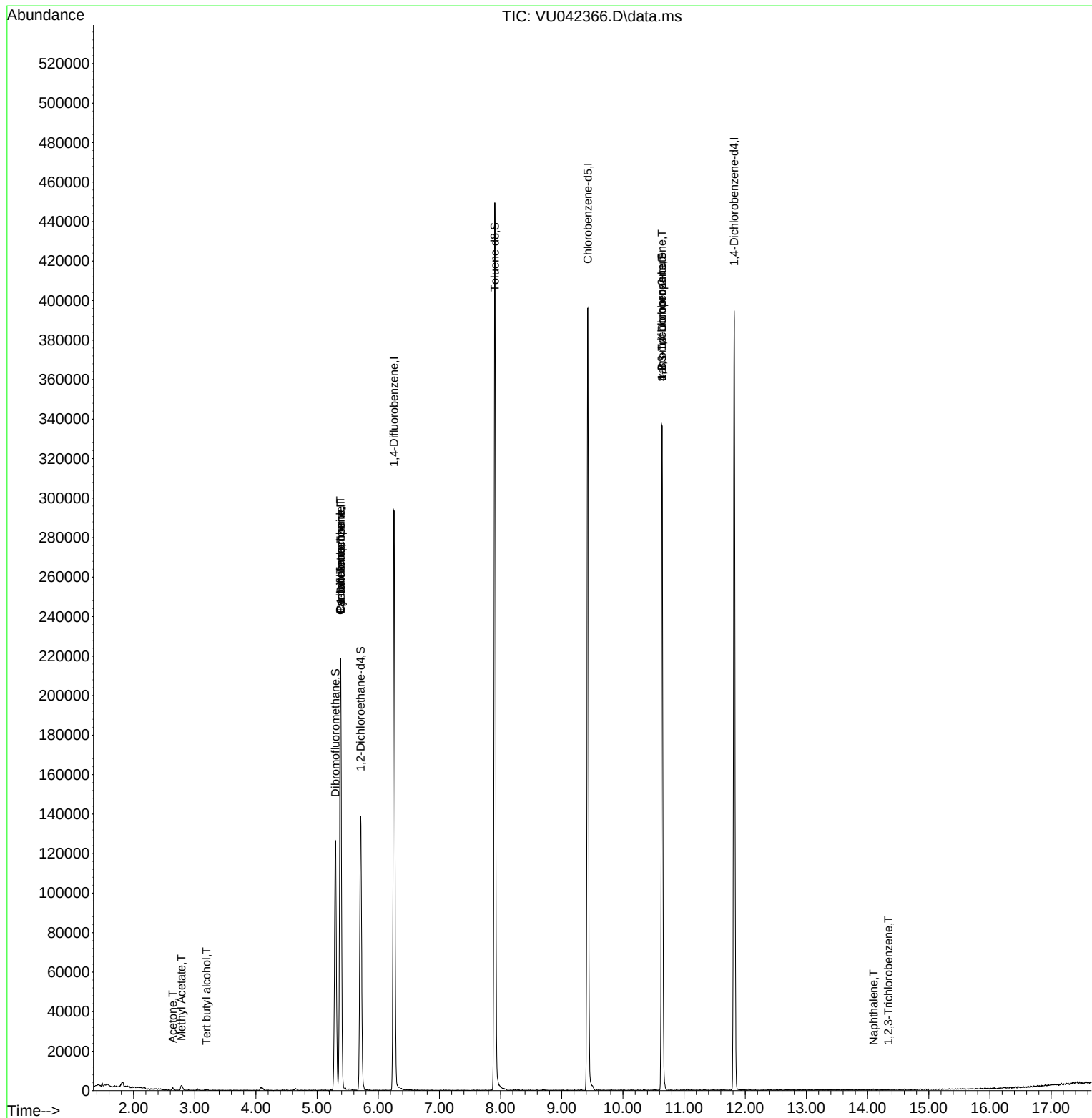
Internal Standards						
1) Pentafluorobenzene	5.385	168	154284	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.259	114	229085	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.427	117	209618	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	101356	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.713	65	112863	48.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.48%	
35) Dibromofluoromethane	5.298	113	78731	48.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.38%	
50) Toluene-d8	7.906	98	283672	48.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.96%	
62) 4-Bromofluorobenzene	10.639	95	103720	45.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.88%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.192	59	168	0.34	ug/l #	94
16) Acetone	2.642	43	1336	0.92	ug/l	91
18) Methyl Acetate	2.784	43	1057	0.40	ug/l #	55
31) Cyclohexane	5.385	56	3779	1.23	ug/l #	23
36) 1,1-Dichloropropene	5.385	75	11830	5.22	ug/l #	51
38) Carbon Tetrachloride	5.382	117	14956	6.18	ug/l #	16
76) 1,2,3-Trichloropropane	10.639	75	58865	23.49	ug/l #	37
81) trans-1,4-Dichloro-2-b...	10.639	75	58865	63.86	ug/l #	7
95) Naphthalene	14.098	128	264	2.25	ug/l #	69
96) 1,2,3-Trichlorobenzene	14.339	180	19	1.68	ug/l #	12

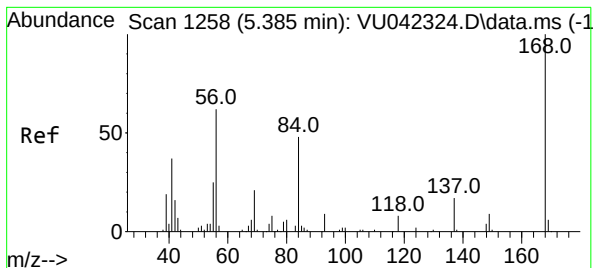
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U021721W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 19 02:55:52 2021
Response via : Initial Calibration

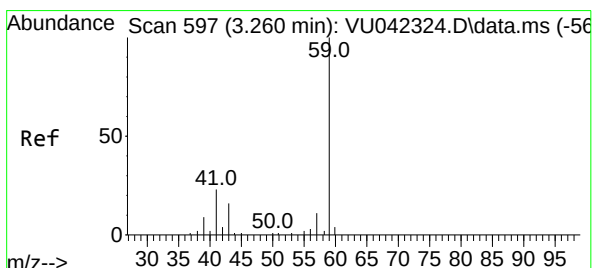
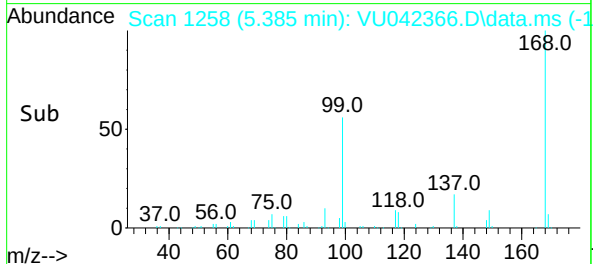
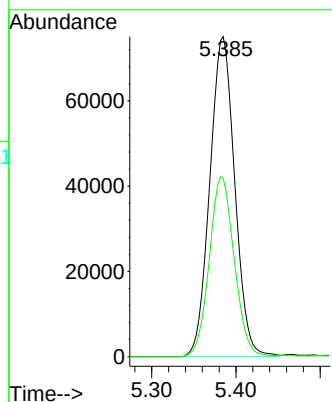
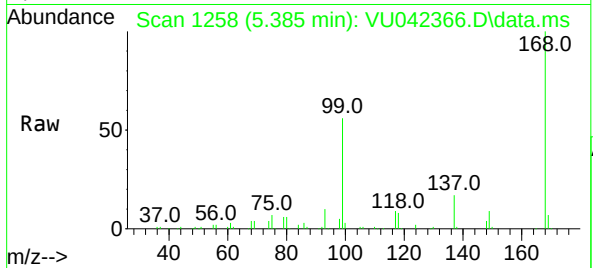




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VU042366.D
Acq: 19 Feb 2021 17:04

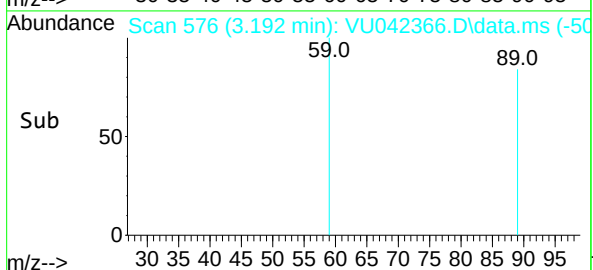
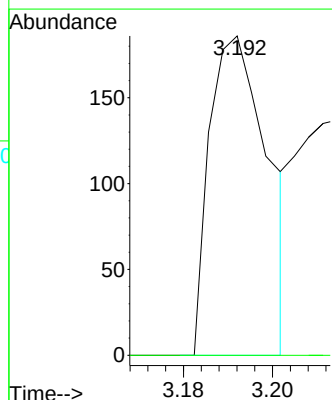
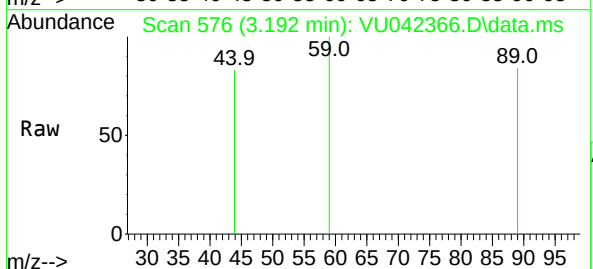
Instrument :
MSVOA_U
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

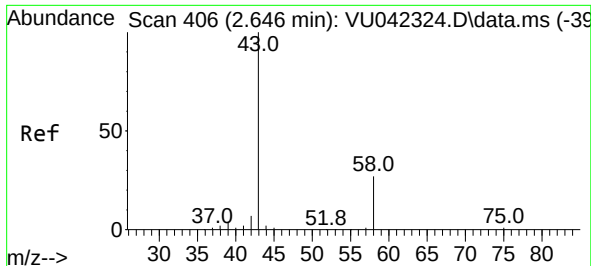
Tgt Ion:168 Resp: 154284
Ion Ratio Lower Upper
168 100
99 55.7 45.0 67.4



#11
Tert butyl alcohol
Concen: 0.34 ug/l
RT: 3.192 min Scan# 576
Delta R.T. -0.068 min
Lab File: VU042366.D
Acq: 19 Feb 2021 17:04

Tgt Ion: 59 Resp: 168
Ion Ratio Lower Upper
59 100
57 0.0 1.6 2.4#

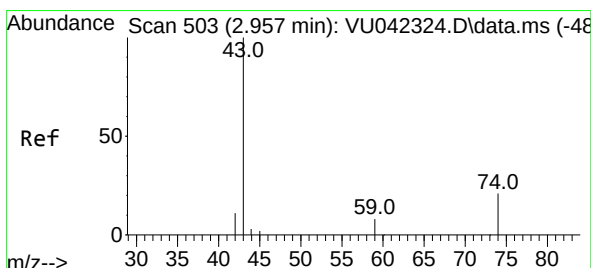
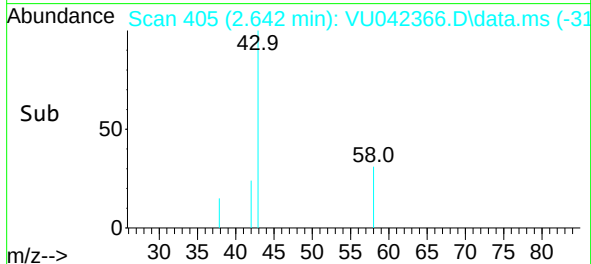
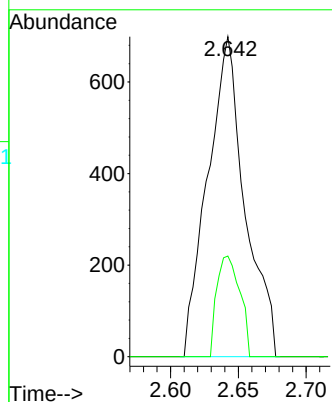
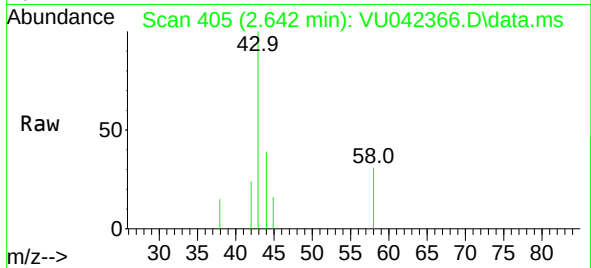




#16
Acetone
Concen: 0.92 ug/l
RT: 2.642 min Scan# 405
Delta R.T. -0.003 min
Lab File: VU042366.D
Acq: 19 Feb 2021 17:04

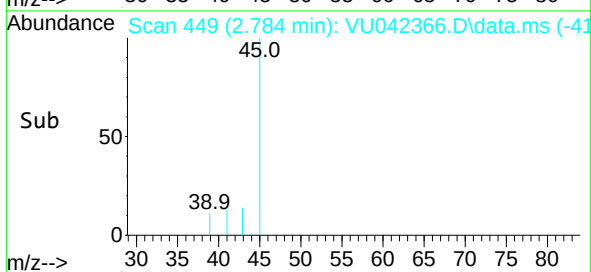
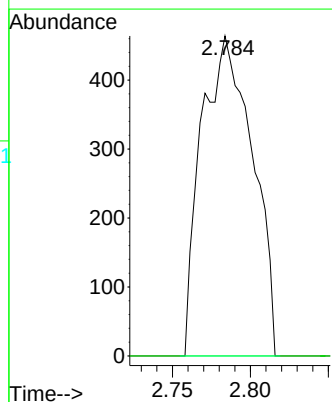
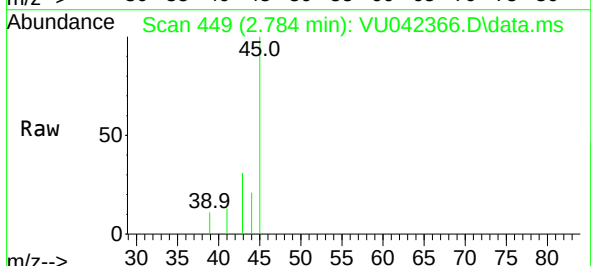
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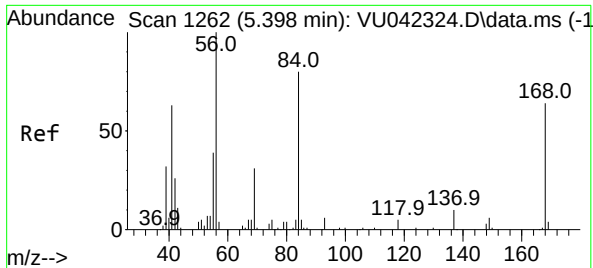
Tgt Ion: 43 Resp: 1336
Ion Ratio Lower Upper
43 100
58 31.5 21.5 32.3



#18
Methyl Acetate
Concen: 0.40 ug/l
RT: 2.784 min Scan# 449
Delta R.T. -0.174 min
Lab File: VU042366.D
Acq: 19 Feb 2021 17:04

Tgt Ion: 43 Resp: 1057
Ion Ratio Lower Upper
43 100
74 0.0 16.6 25.0#

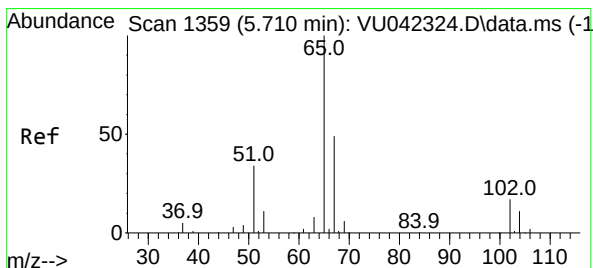
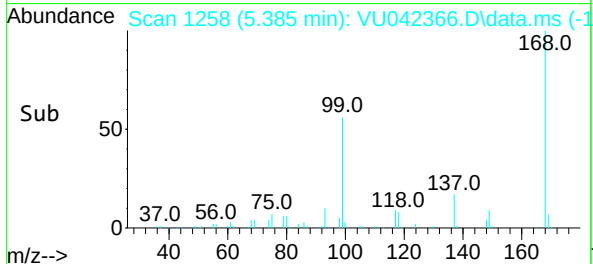
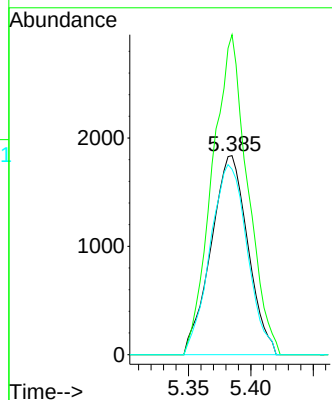
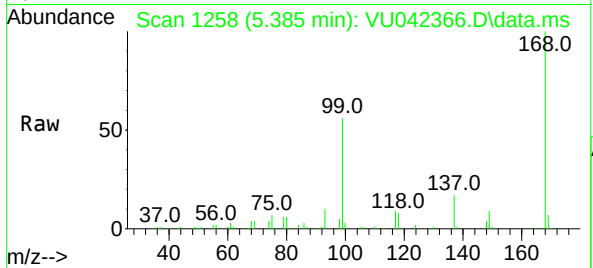




#31
Cyclohexane
Concen: 1.23 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. -0.013 min
Lab File: VU042366.D
Acq: 19 Feb 2021 17:04

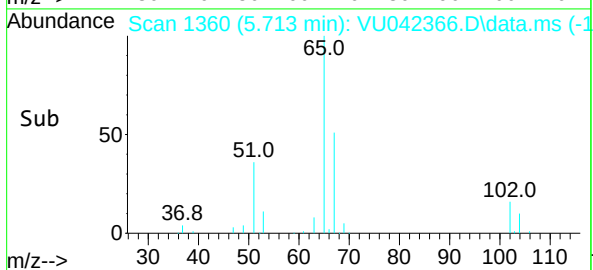
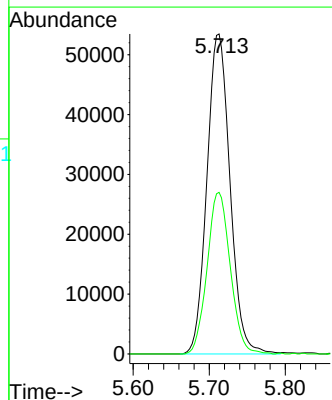
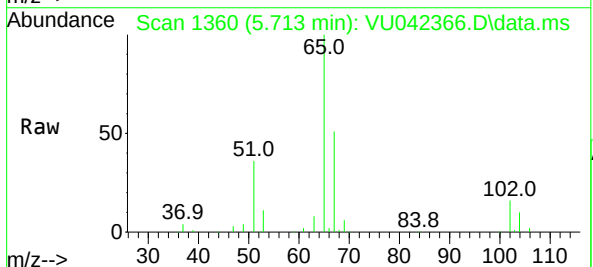
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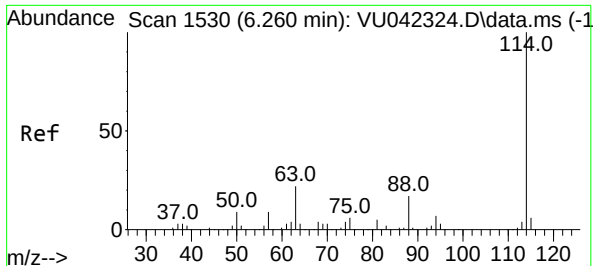
Tgt Ion: 56 Resp: 3779
Ion Ratio Lower Upper
56 100
69 160.7 24.9 37.3#
84 93.1 63.7 95.5



#33
1,2-Dichloroethane-d4
Concen: 48.24 ug/l
RT: 5.713 min Scan# 1360
Delta R.T. 0.003 min
Lab File: VU042366.D
Acq: 19 Feb 2021 17:04

Tgt Ion: 65 Resp: 112863
Ion Ratio Lower Upper
65 100
67 50.6 0.0 99.8

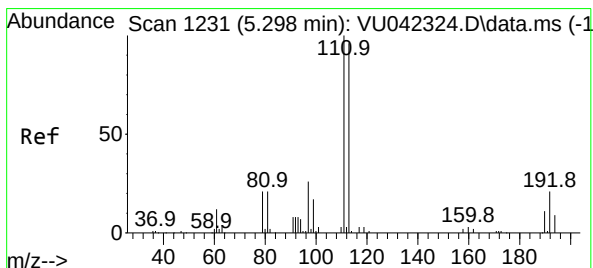
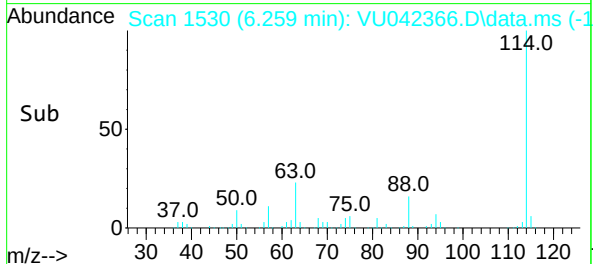
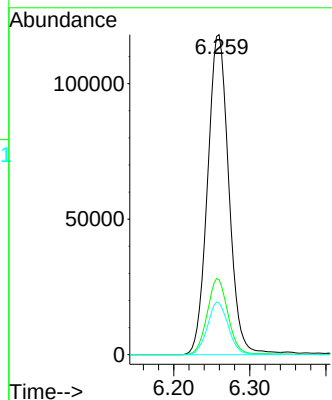
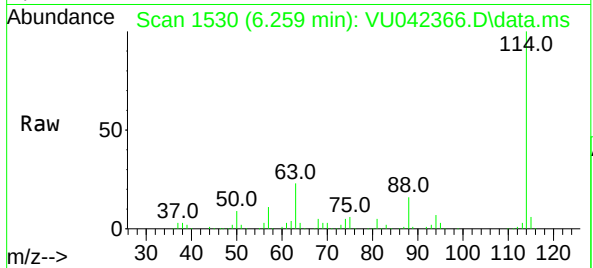




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.259 min Scan# 1530
Delta R.T. -0.000 min
Lab File: VU042366.D
Acq: 19 Feb 2021 17:04

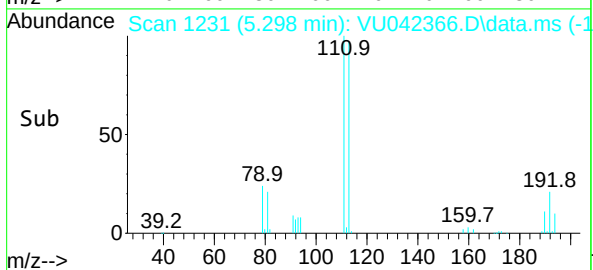
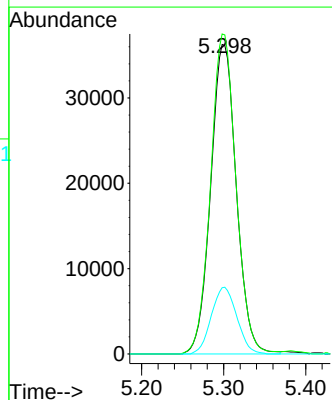
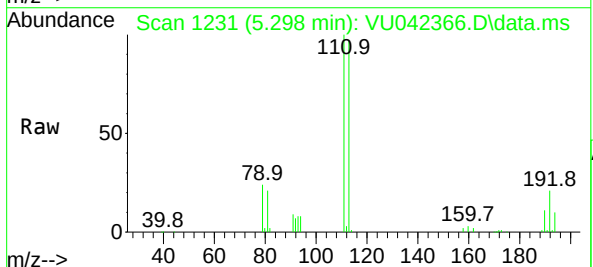
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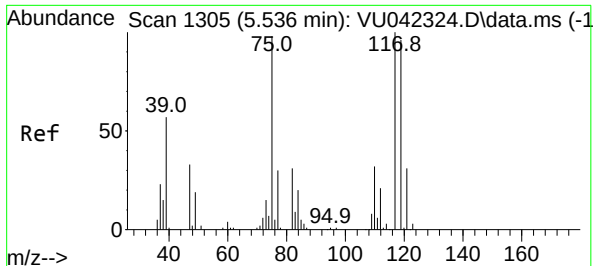
Tgt Ion:	114	Resp:	229085
Ion Ratio	Lower	Upper	
114	100		
63	23.4	0.0	44.2
88	16.2	0.0	33.4



#35
Dibromofluoromethane
Concen: 48.69 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VU042366.D
Acq: 19 Feb 2021 17:04

Tgt Ion:	113	Resp:	78731
Ion Ratio	Lower	Upper	
113	100		
111	102.5	81.8	122.8
192	21.4	17.2	25.8

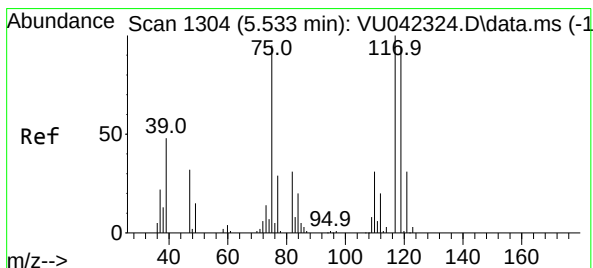
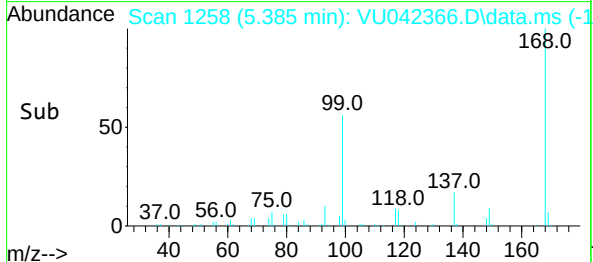
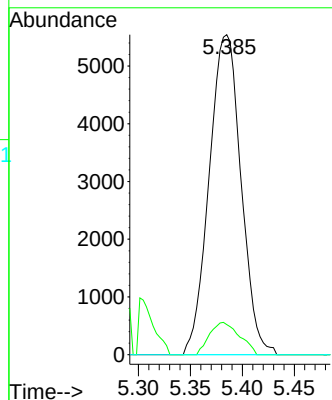
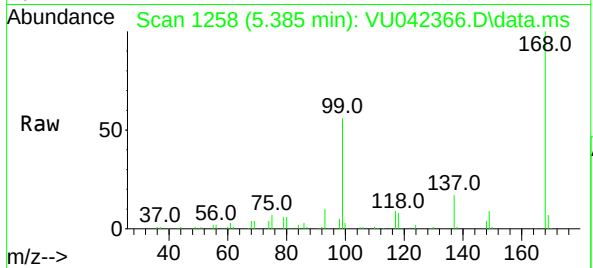




#36
1,1-Dichloropropene
Concen: 5.22 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. -0.151 min
Lab File: VU042366.D
Acq: 19 Feb 2021 17:04

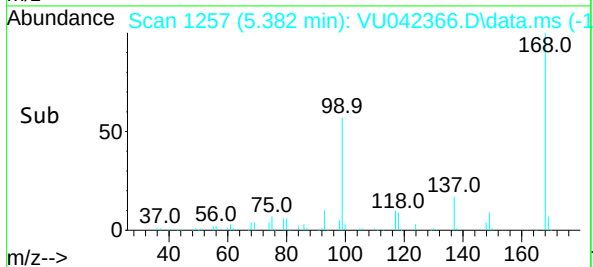
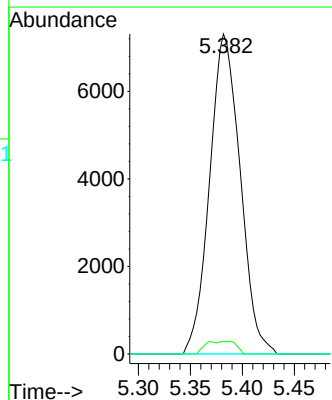
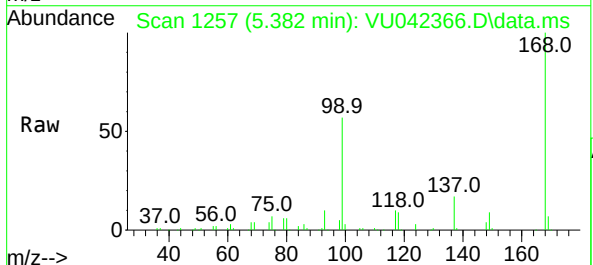
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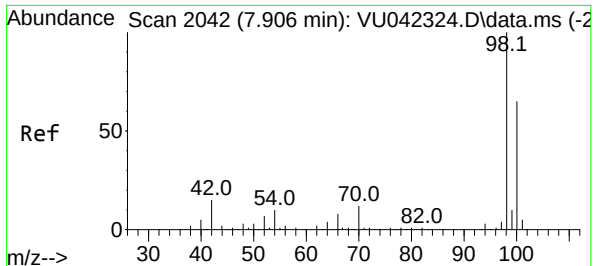
Tgt Ion: 75 Resp: 11830
Ion Ratio Lower Upper
75 100
110 9.5 16.8 50.3#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 6.18 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU042366.D
Acq: 19 Feb 2021 17:04

Tgt Ion: 117 Resp: 14956
Ion Ratio Lower Upper
117 100
119 3.9 75.5 113.3#
121 0.0 24.7 37.1#

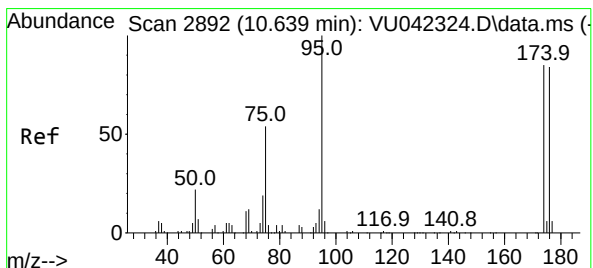
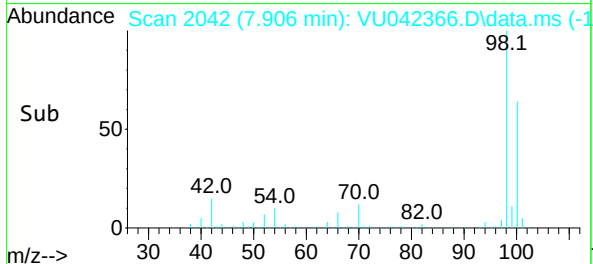
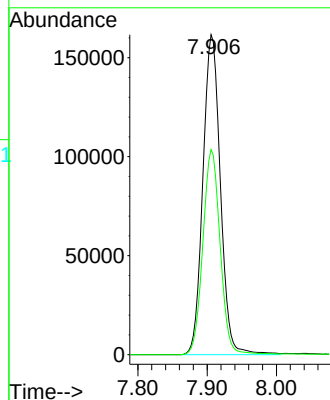
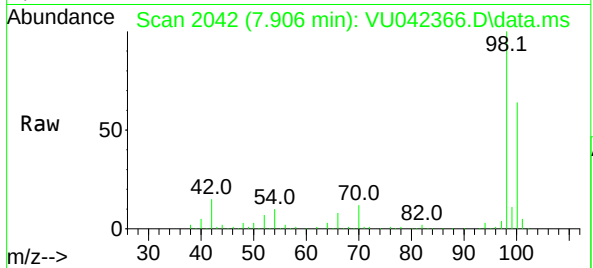




#50
Toluene-d8
Concen: 48.98 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU042366.D
Acq: 19 Feb 2021 17:04

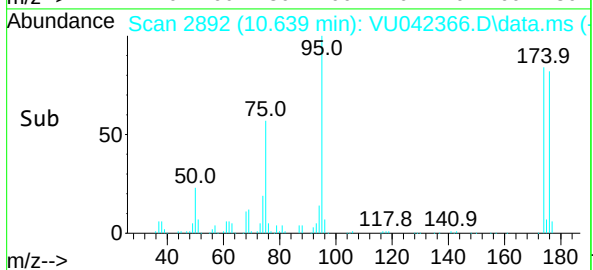
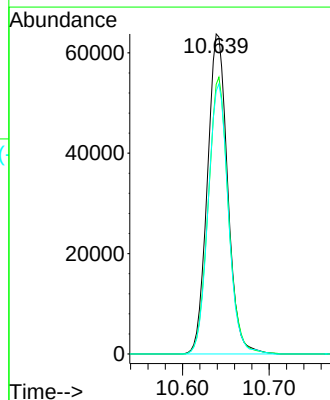
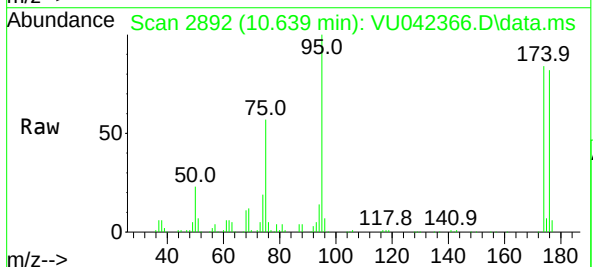
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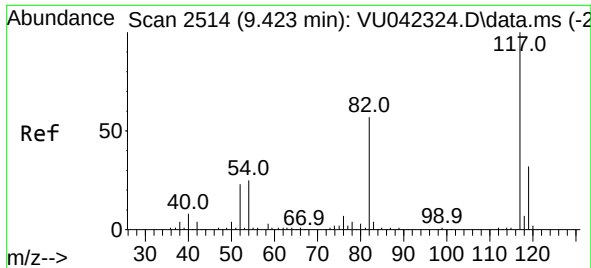
Tgt Ion: 98 Resp: 283672
Ion Ratio Lower Upper
98 100
100 63.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 45.44 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU042366.D
Acq: 19 Feb 2021 17:04

Tgt Ion: 95 Resp: 103720
Ion Ratio Lower Upper
95 100
174 85.7 0.0 172.2
176 84.0 0.0 168.8

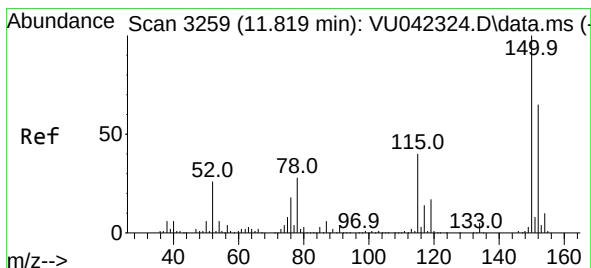
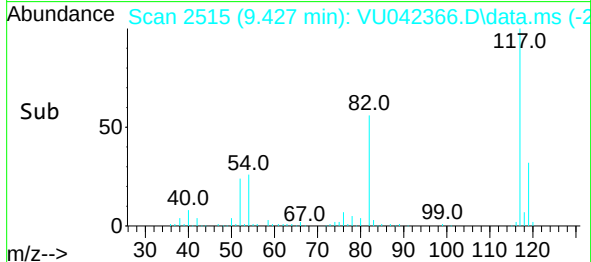
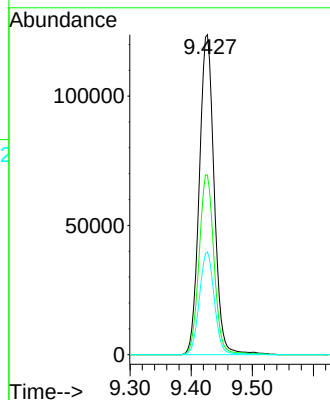
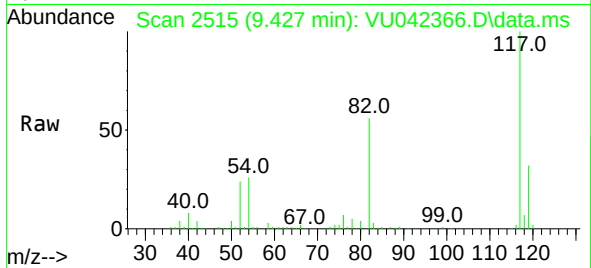




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.427 min Scan# 2515
Delta R.T. 0.003 min
Lab File: VU042366.D
Acq: 19 Feb 2021 17:04

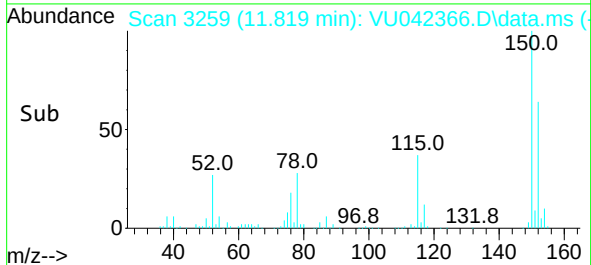
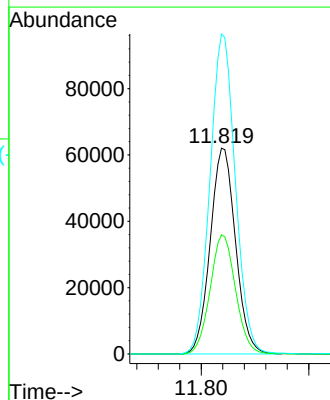
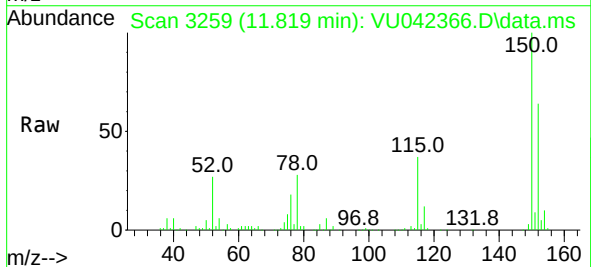
Instrument :
MSVOA_U
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

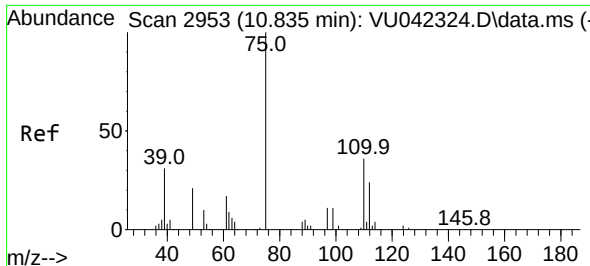
Tgt Ion:117 Resp: 209618
Ion Ratio Lower Upper
117 100
82 56.2 45.8 68.6
119 32.1 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU042366.D
Acq: 19 Feb 2021 17:04

Tgt Ion:152 Resp: 101356
Ion Ratio Lower Upper
152 100
115 58.0 41.5 124.6
150 155.9 0.0 342.4

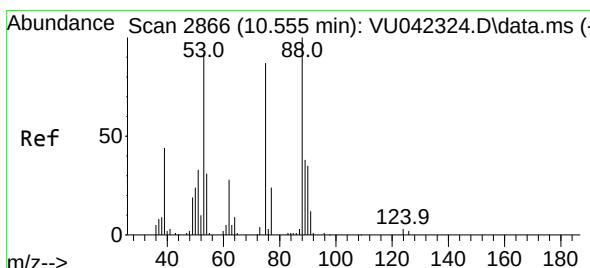
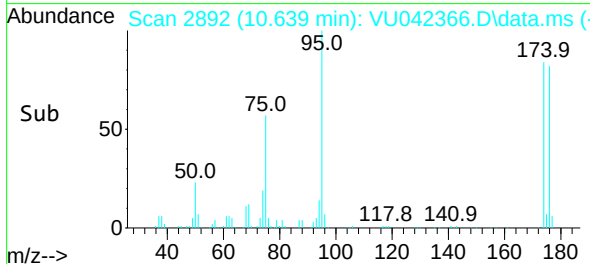
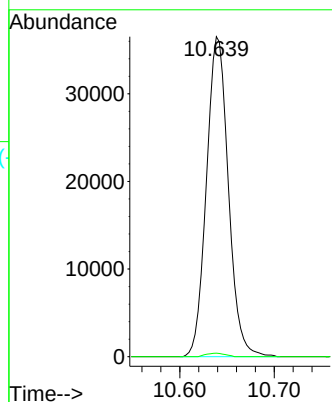
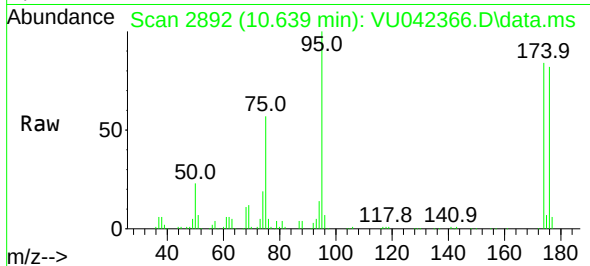




#76
1,2,3-Trichloropropane
Concen: 23.49 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.196 min
Lab File: VU042366.D
Acq: 19 Feb 2021 17:04

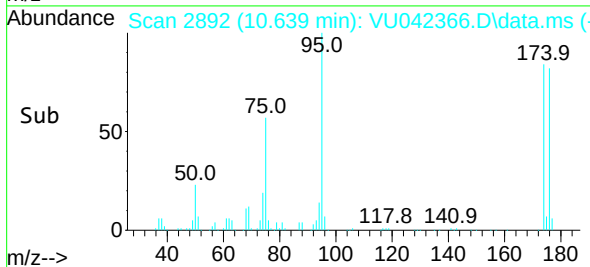
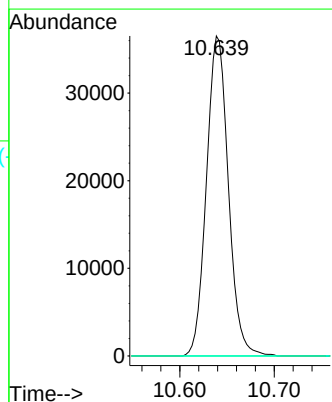
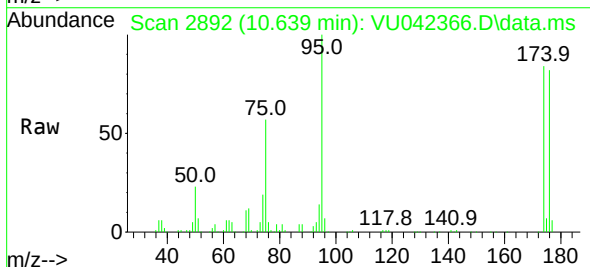
Instrument :
MSVOA_U
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

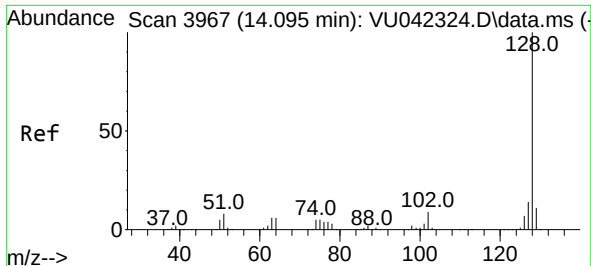
Tgt Ion: 75 Resp: 58865
Ion Ratio Lower Upper
75 100
77 0.9 20.2 60.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.86 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.083 min
Lab File: VU042366.D
Acq: 19 Feb 2021 17:04

Tgt Ion: 75 Resp: 58865
Ion Ratio Lower Upper
75 100
53 0.0 85.6 128.4#
89 0.0 35.7 53.5#

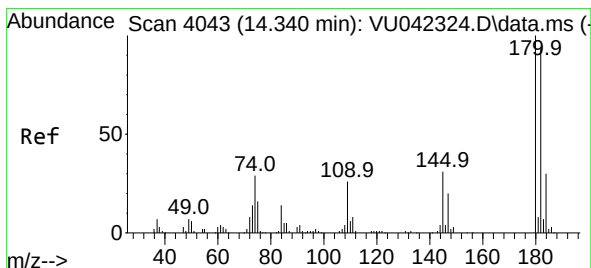
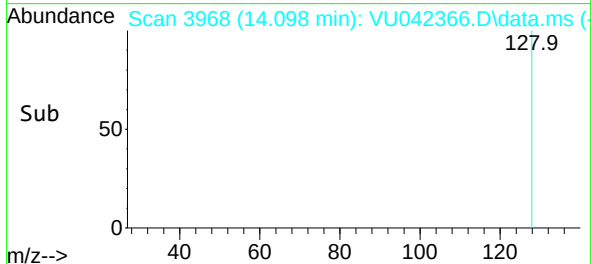
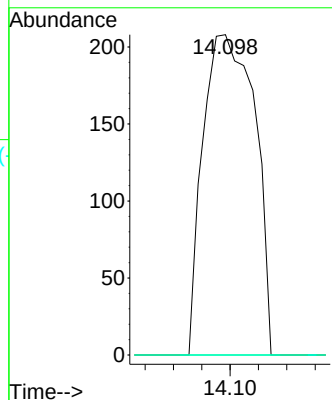
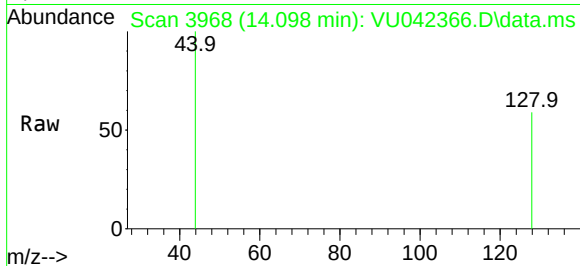




#95
Naphthalene
Concen: 2.25 ug/l
RT: 14.098 min Scan# 3968
Delta R.T. 0.003 min
Lab File: VU042366.D
Acq: 19 Feb 2021 17:04

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

Tgt Ion:128	Resp:	264
Ion Ratio	Lower	Upper
128	100	
127	0.0	10.8 16.2#
129	0.0	8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 1.68 ug/l
RT: 14.339 min Scan# 4043
Delta R.T. -0.001 min
Lab File: VU042366.D
Acq: 19 Feb 2021 17:04

Tgt Ion:180	Resp:	19
Ion Ratio	Lower	Upper
180	100	
182	0.0	48.0 144.0#
145	0.0	15.5 46.5#

