

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110821\
 Data File : VU045632.D
 Acq On : 08 Nov 2021 22:27
 Operator : SY/MD
 Sample : VU1108WBL02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

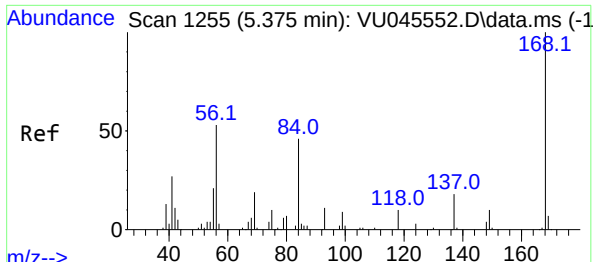
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1108WBL02

Quant Time: Nov 09 10:06:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 05 13:35:16 2021
 Response via : Initial Calibration

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

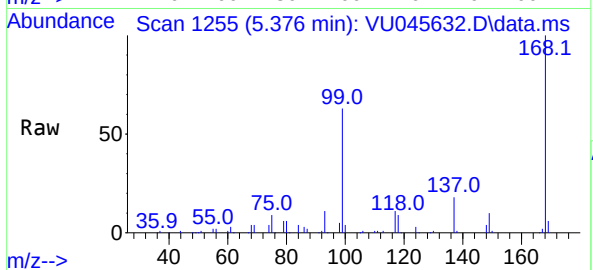
Internal Standards						
1) Pentafluorobenzene	5.376	168	153460	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	283233	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	287092	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.813	152	145493	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.707	65	120864	52.590	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 105.180%	
35) Dibromofluoromethane	5.292	113	94867	50.168	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.340%	
50) Toluene-d8	7.900	98	371539	52.838	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 105.680%	
62) 4-Bromofluorobenzene	10.636	95	143056	50.735	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.480%	
Target Compounds						
					Qvalue	
16) Acetone	2.630	43	692	0.591	ug/l	100
17) Carbon Disulfide	2.797	76	1422	0.301	ug/l #	75
20) Methylene Chloride	3.054	84	1101	0.542	ug/l #	88
31) Cyclohexane	5.379	56	3669	1.094	ug/l #	1
36) 1,1-Dichloropropene	5.376	75	13486	4.883	ug/l #	50
38) Carbon Tetrachloride	5.379	117	16415	5.896	ug/l #	15
59) 2-Hexanone	8.687	43	657	7.764	ug/l	90
76) 1,2,3-Trichloropropane	10.636	75	75806	17.181	ug/l #	42
81) trans-1,4-Dichloro-2-b...	10.636	75	75806	55.908	ug/l #	12
87) 1,3-Dichlorobenzene	11.745	146	1034	0.222	ug/l	83
88) 1,4-Dichlorobenzene	11.745	146	1034	0.220	ug/l	84
93) 1,2,4-Trichlorobenzene	13.845	180	1044	0.333	ug/l	94
94) Hexachlorobutadiene	14.025	225	342	0.253	ug/l	95
95) Naphthalene	14.089	128	2402	1.229	ug/l #	84
96) 1,2,3-Trichlorobenzene	14.337	180	863	0.277	ug/l	98

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

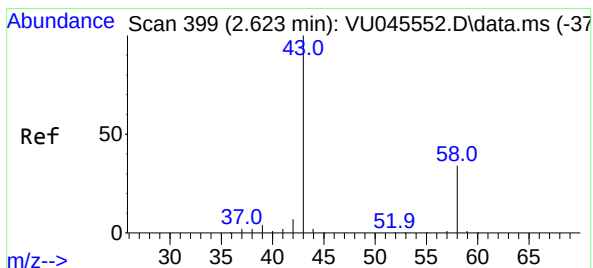
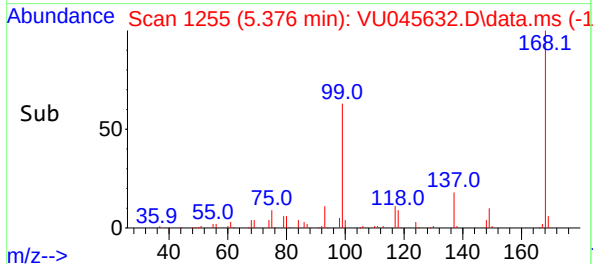
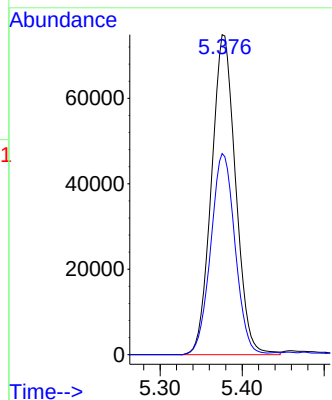


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.376 min Scan# 11
Delta R.T. 0.001 min
Lab File: VU045632.D
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Instrument :
MSVOA_U
ClientSampleId :
VU1108WBL02

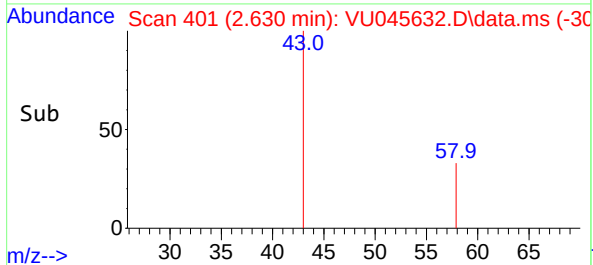
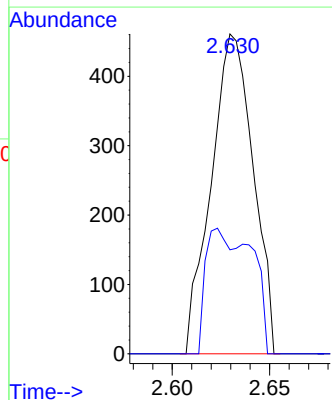
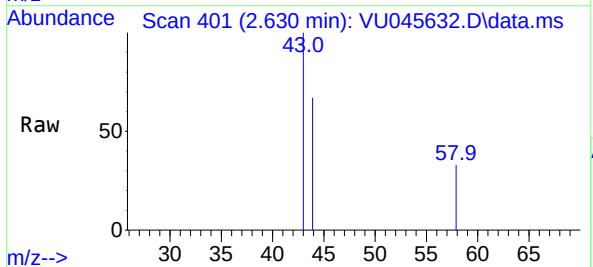


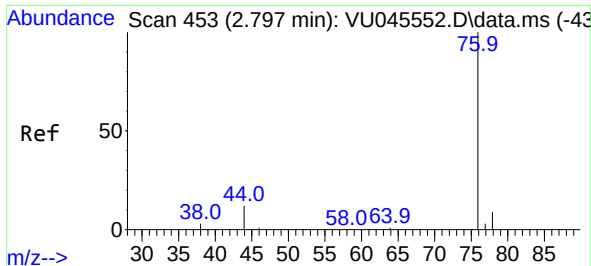
Tgt Ion:168 Resp: 153460
Ion Ratio Lower Upper
168 100
99 62.8 51.0 76.6



#16
Acetone
Concen: 0.591 ug/l
RT: 2.630 min Scan# 401
Delta R.T. 0.007 min
Lab File: VU045632.D
Acq: 08 Nov 2021 22:27

Tgt Ion: 43 Resp: 692
Ion Ratio Lower Upper
43 100
58 32.5 26.2 39.2

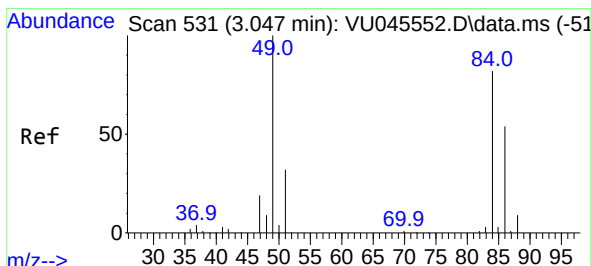
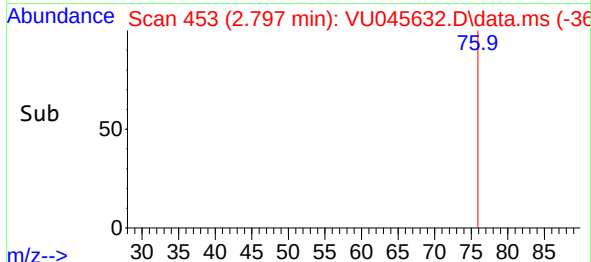
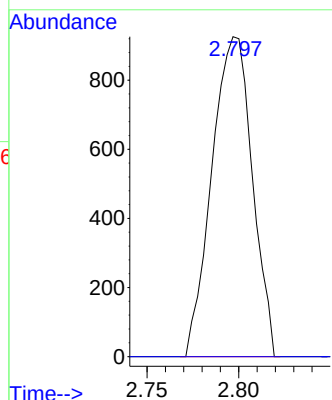
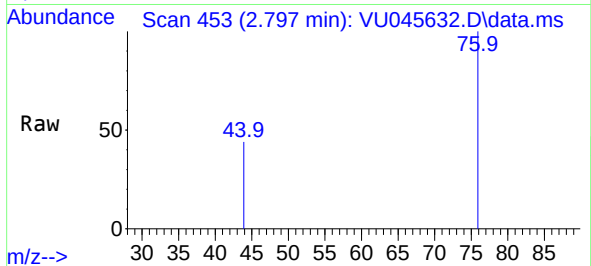




#17
Carbon Disulfide
Concen: 0.301 ug/l
RT: 2.797 min Scan# 411
Delta R.T. 0.000 min
Lab File: VU045632.D
Acq: 08 Nov 2021 22:27

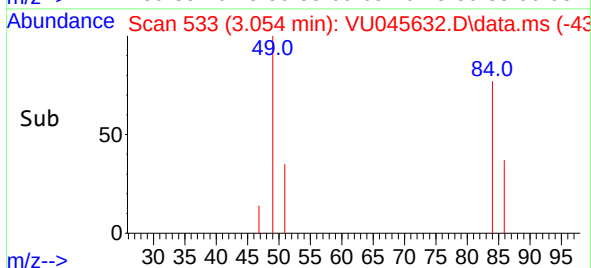
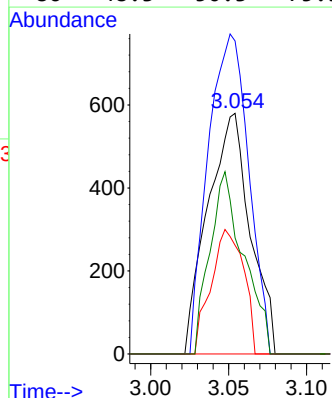
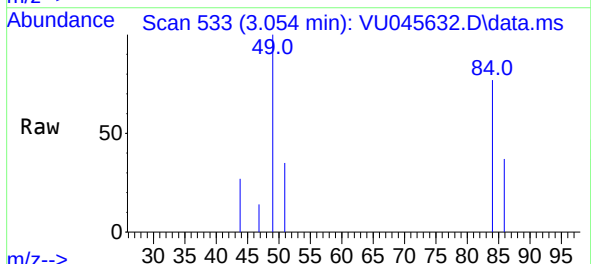
Instrument :
MSVOA_U
ClientSampleId :
VU1108WBL02

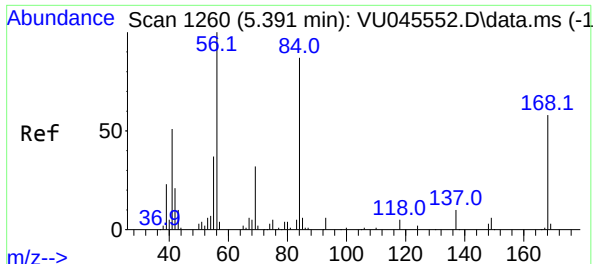
Tgt Ion: 76 Resp: 1422
Ion Ratio Lower Upper
76 100
78 0.0 7.3 10.9#



#20
Methylene Chloride
Concen: 0.542 ug/l
RT: 3.054 min Scan# 533
Delta R.T. 0.007 min
Lab File: VU045632.D
Acq: 08 Nov 2021 22:27

Tgt Ion: 84 Resp: 1101
Ion Ratio Lower Upper
84 100
49 130.0 96.4 144.6
51 45.2 30.5 45.7
86 48.3 50.3 75.5#

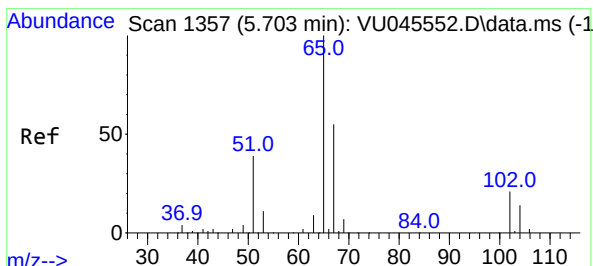
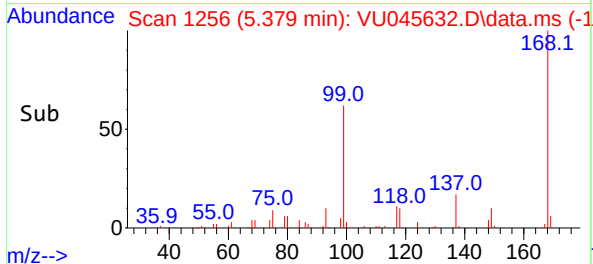
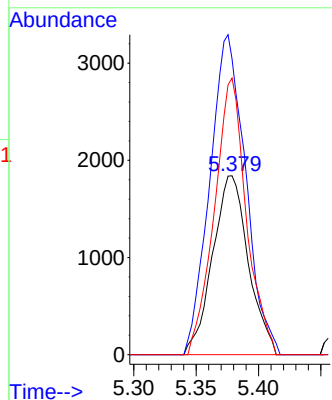
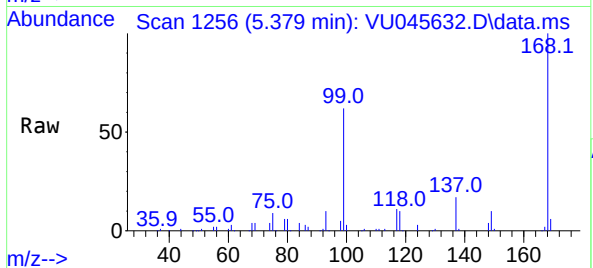




#31
Cyclohexane
Concen: 1.094 ug/l
RT: 5.379 min Scan# 11
Delta R.T. -0.013 min
Lab File: VU045632.D
Acq: 08 Nov 2021 22:27

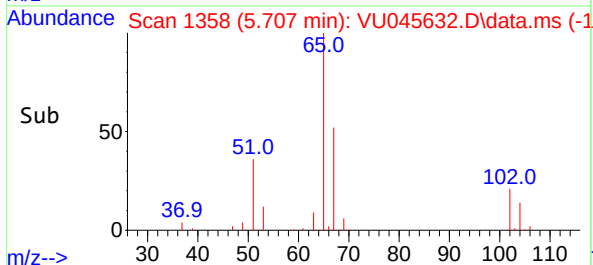
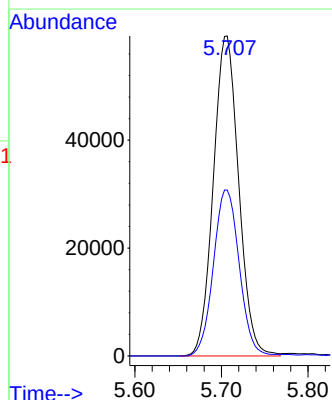
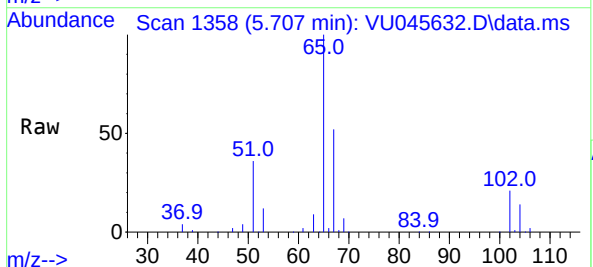
Instrument :
MSVOA_U
ClientSampleId :
VU1108WBL02

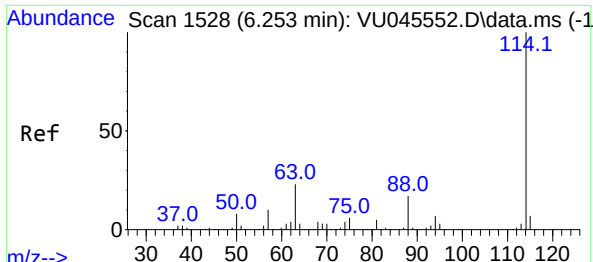
Tgt Ion: 56 Resp: 3669
Ion Ratio Lower Upper
56 100
69 165.5 26.4 39.6#
84 154.7 68.4 102.6#



#33
1,2-Dichloroethane-d4
Concen: 52.590 ug/l
RT: 5.707 min Scan# 1358
Delta R.T. 0.003 min
Lab File: VU045632.D
Acq: 08 Nov 2021 22:27

Tgt Ion: 65 Resp: 120864
Ion Ratio Lower Upper
65 100
67 53.1 0.0 105.8

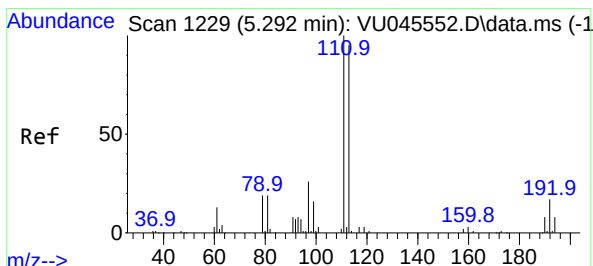
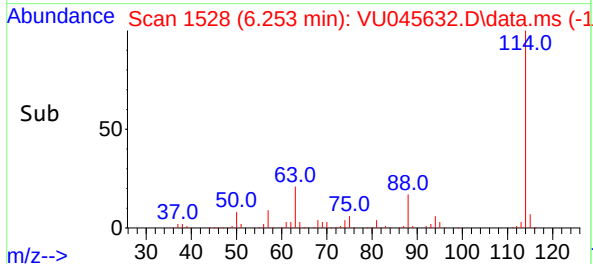
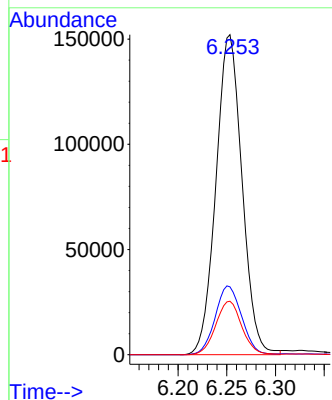
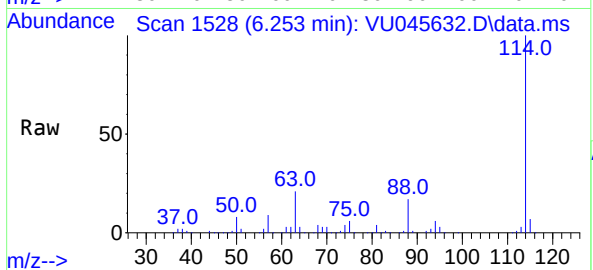




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.253 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045632.D
Acq: 08 Nov 2021 22:27

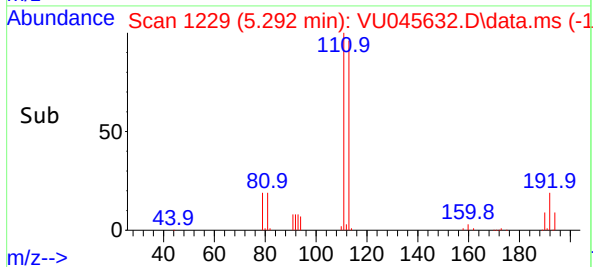
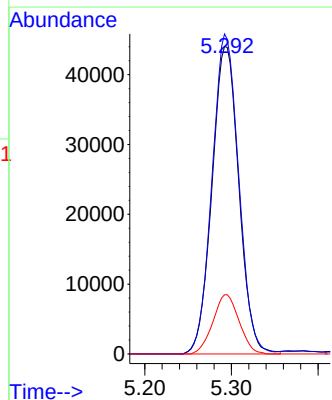
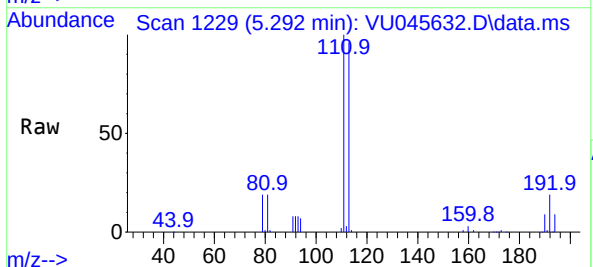
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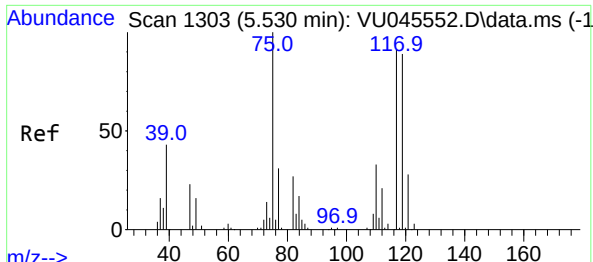
Tgt Ion:114 Resp: 283233
Ion Ratio Lower Upper
114 100
63 21.2 0.0 45.6
88 16.7 0.0 33.8



#35
Dibromofluoromethane
Concen: 50.168 ug/l
RT: 5.292 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VU045632.D
Acq: 08 Nov 2021 22:27

Tgt Ion:113 Resp: 94867
Ion Ratio Lower Upper
113 100
111 103.0 82.8 124.2
192 18.8 14.8 22.2

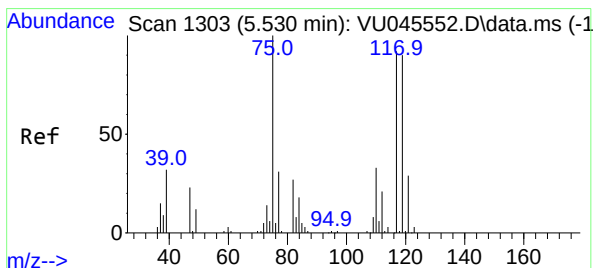
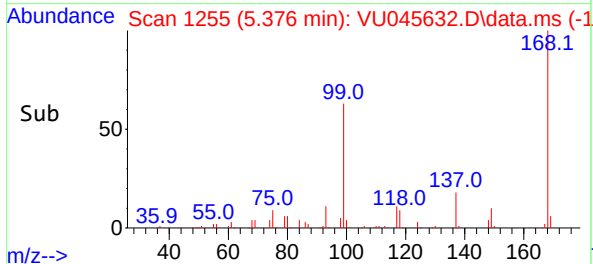
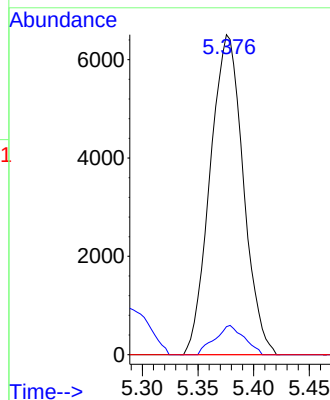
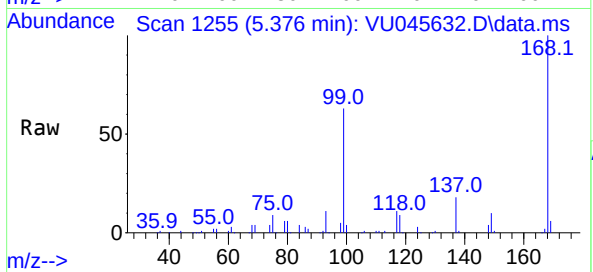




#36
1,1-Dichloropropene
Concen: 4.883 ug/l
RT: 5.376 min Scan# 11
Delta R.T. -0.154 min
Lab File: VU045632.D
Acq: 08 Nov 2021 22:27

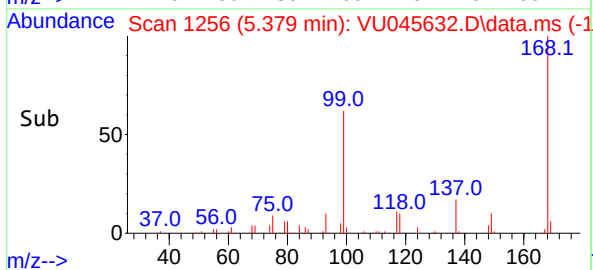
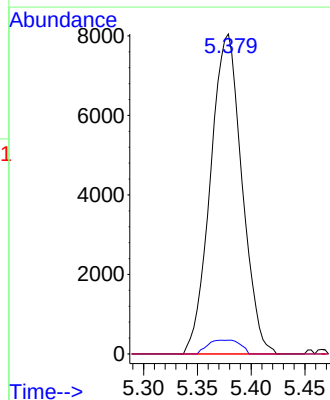
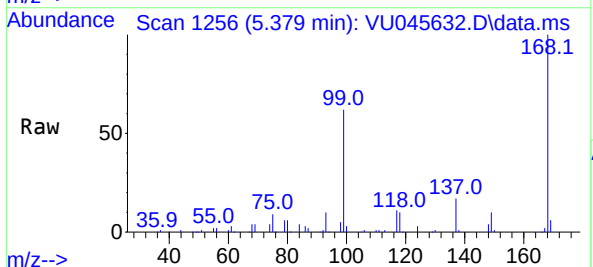
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ClientSampleId :
VU1108WBL02

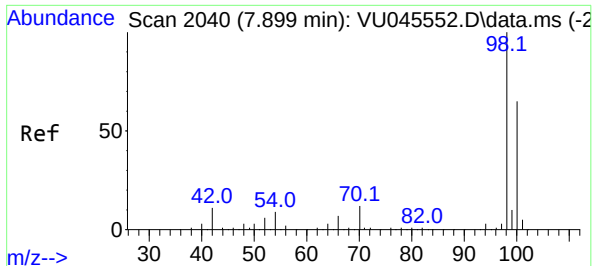
Tgt Ion: 75 Resp: 13486
Ion Ratio Lower Upper
75 100
110 8.1 16.7 50.0#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.896 ug/l
RT: 5.379 min Scan# 1256
Delta R.T. -0.151 min
Lab File: VU045632.D
Acq: 08 Nov 2021 22:27

Tgt Ion: 117 Resp: 16415
Ion Ratio Lower Upper
117 100
119 4.3 77.4 116.0#
121 0.0 24.8 37.2#

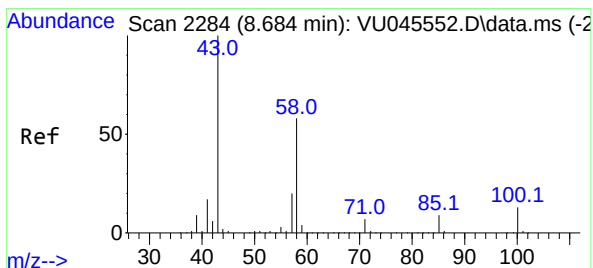
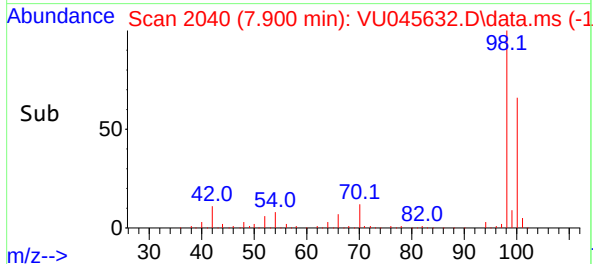
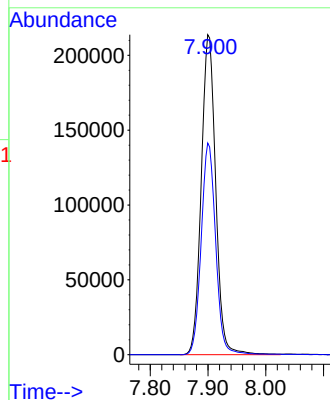
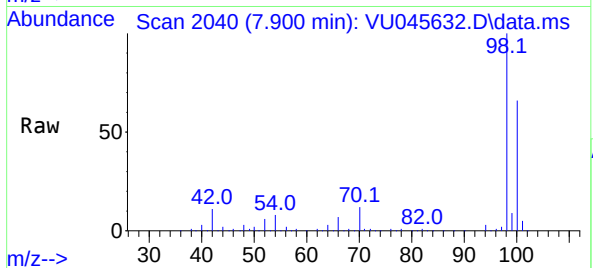




#50
Toluene-d8
Concen: 52.838 ug/l
RT: 7.900 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VU045632.D
Acq: 08 Nov 2021 22:27

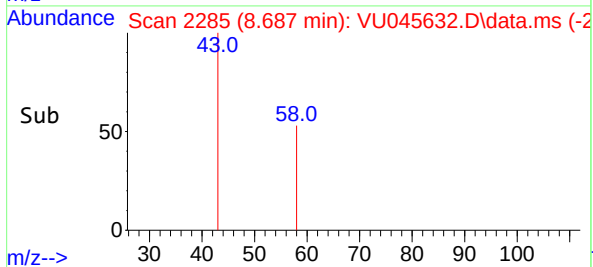
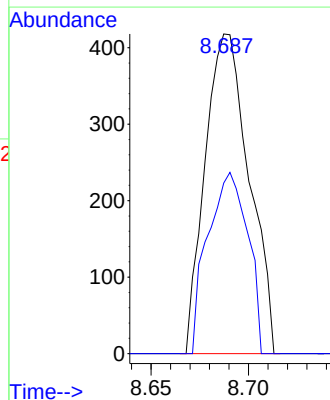
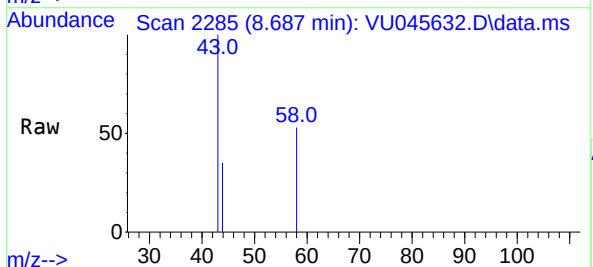
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VU1108WBL02

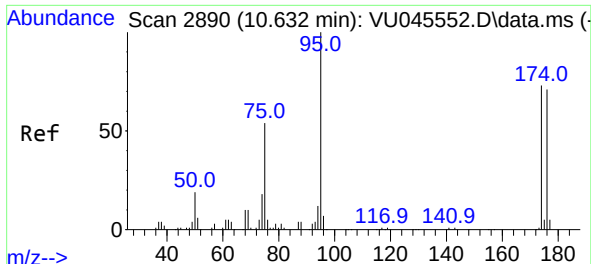
Tgt Ion: 98 Resp: 371539
Ion Ratio Lower Upper
98 100
100 66.3 52.5 78.7



#59
2-Hexanone
Concen: 7.764 ug/l
RT: 8.687 min Scan# 2285
Delta R.T. 0.003 min
Lab File: VU045632.D
Acq: 08 Nov 2021 22:27

Tgt Ion: 43 Resp: 657
Ion Ratio Lower Upper
43 100
58 51.4 29.5 88.6

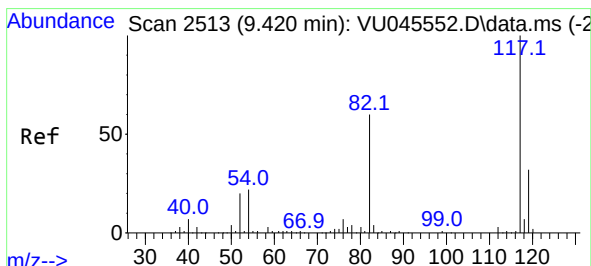
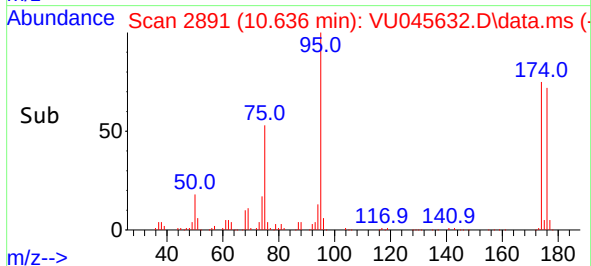
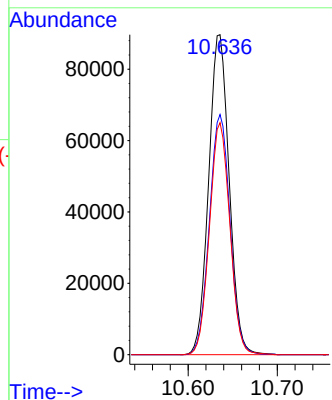
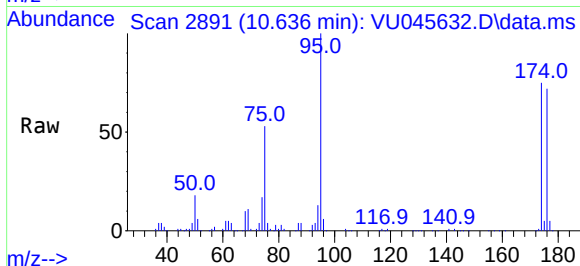




#62
4-Bromofluorobenzene
Concen: 50.735 ug/l
RT: 10.636 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU045632.D
Acq: 08 Nov 2021 22:27

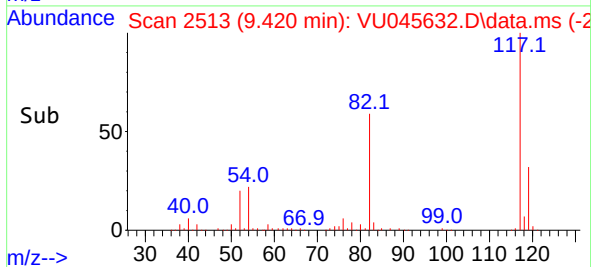
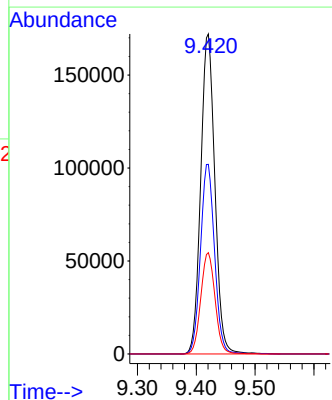
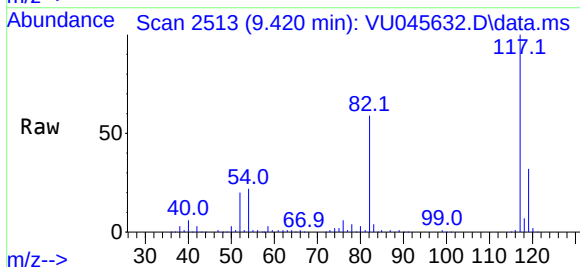
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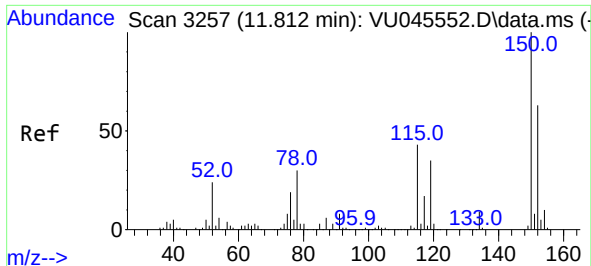
Tgt Ion: 95 Resp: 143056
Ion Ratio Lower Upper
95 100
174 75.8 0.0 141.8
176 72.0 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045632.D
Acq: 08 Nov 2021 22:27

Tgt Ion: 117 Resp: 287092
Ion Ratio Lower Upper
117 100
82 59.2 47.8 71.8
119 31.6 25.8 38.8

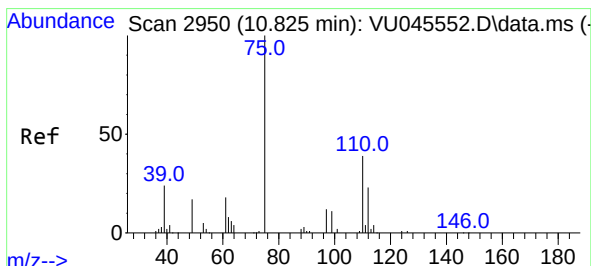
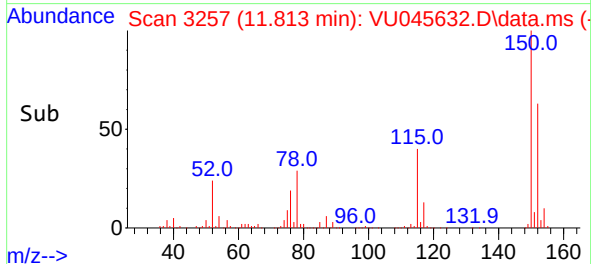
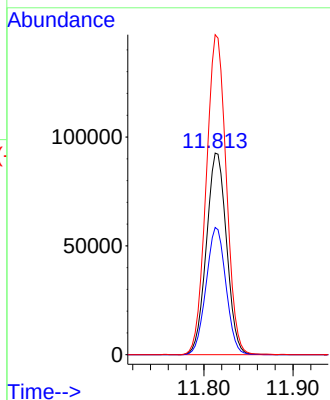
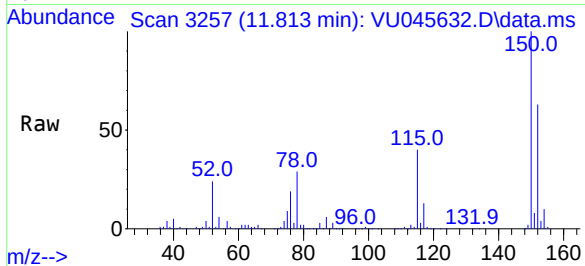




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.813 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU045632.D
Acq: 08 Nov 2021 22:27

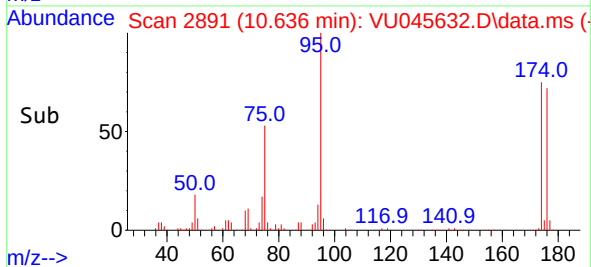
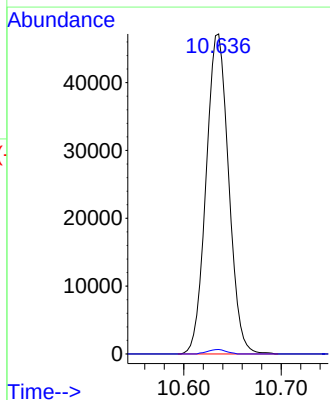
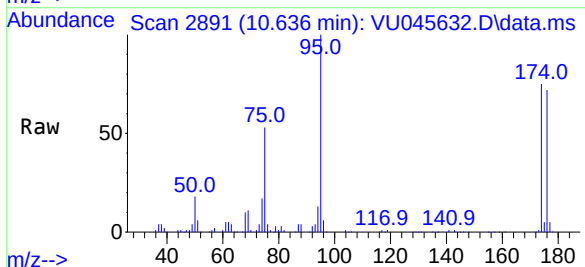
Instrument :
MSVOA_U
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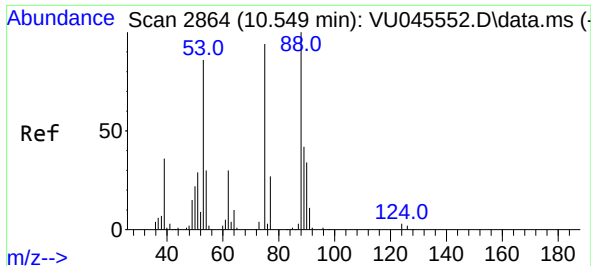
Tgt Ion:152 Resp: 145493
Ion Ratio Lower Upper
152 100
115 62.0 42.7 128.1
150 157.3 0.0 346.8



#76
1,2,3-Trichloropropane
Concen: 17.181 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. -0.189 min
Lab File: VU045632.D
Acq: 08 Nov 2021 22:27

Tgt Ion: 75 Resp: 75806
Ion Ratio Lower Upper
75 100
77 1.2 17.1 51.3#

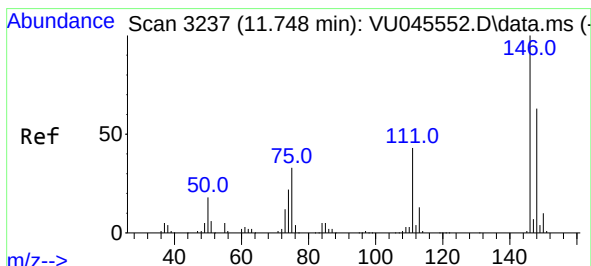
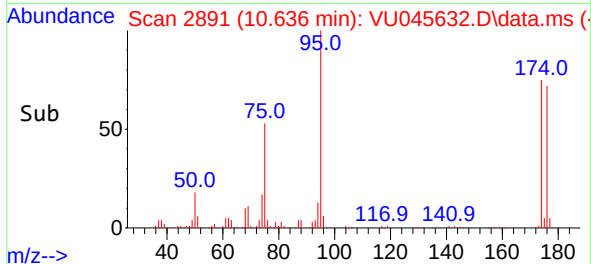
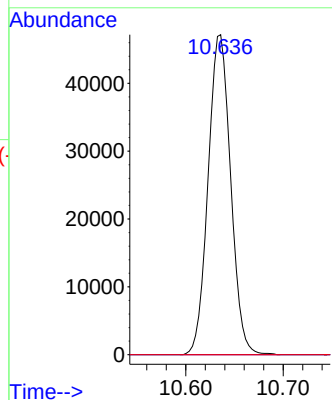
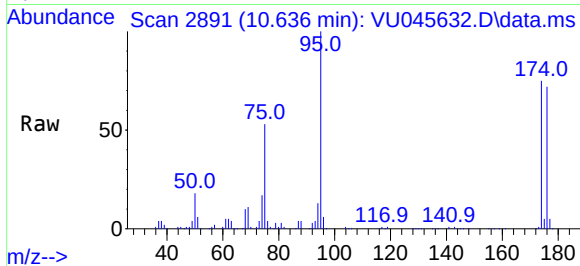




#81
trans-1,4-Dichloro-2-butene
Concen: 55.908 ug/l
RT: 10.636 min Scan# 21
Delta R.T. 0.087 min
Lab File: VU045632.D
Acq: 08 Nov 2021 22:27

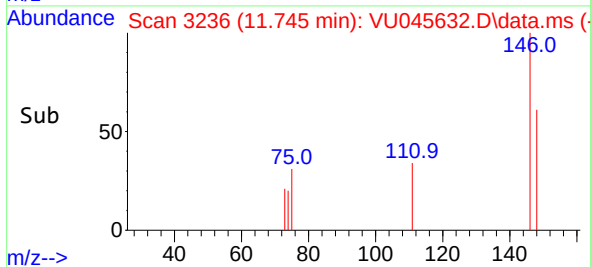
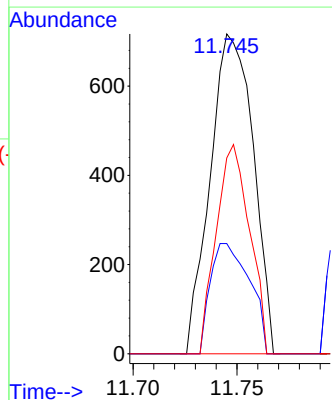
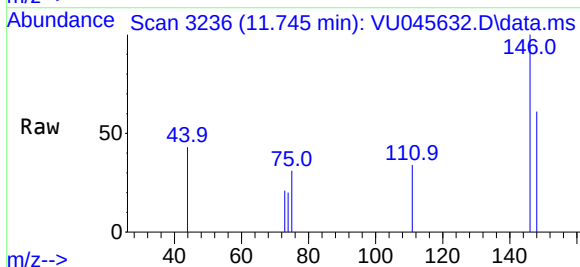
Instrument :
MSVOA_U
ClientSampleId :
VU1108WBL02

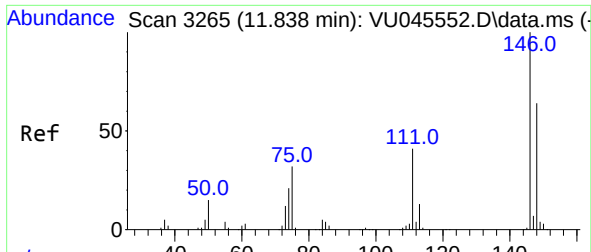
Tgt Ion: 75 Resp: 75806
Ion Ratio Lower Upper
75 100
53 0.0 76.2 114.4#
89 0.0 34.0 51.0#



#87
1,3-Dichlorobenzene
Concen: 0.222 ug/l
RT: 11.745 min Scan# 3236
Delta R.T. -0.003 min
Lab File: VU045632.D
Acq: 08 Nov 2021 22:27

Tgt Ion:146 Resp: 1034
Ion Ratio Lower Upper
146 100
111 31.3 21.3 63.9
148 50.7 31.7 95.1

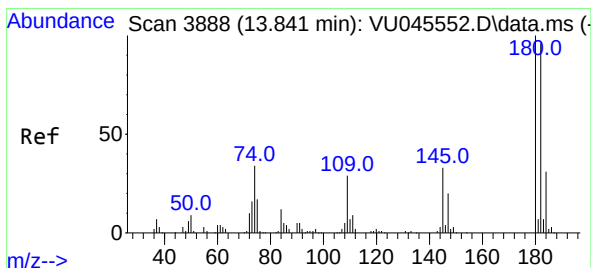
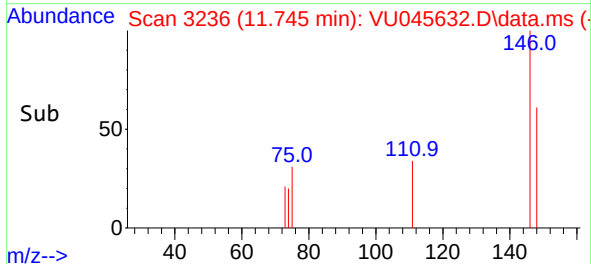
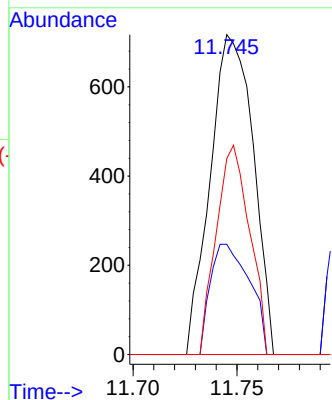
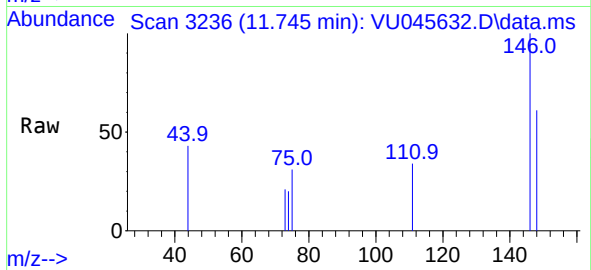




#88
1,4-Dichlorobenzene
Concen: 0.220 ug/l
RT: 11.745 min Scan# 311
Delta R.T. -0.093 min
Lab File: VU045632.D
Acq: 08 Nov 2021 22:27

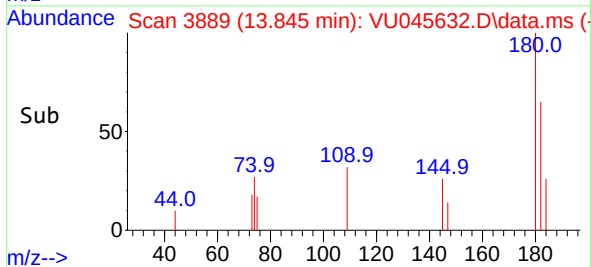
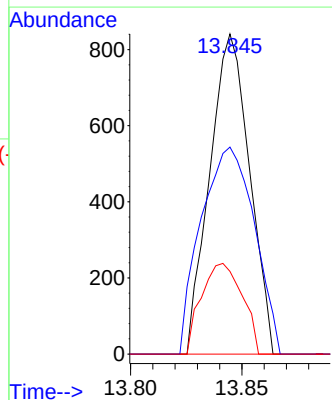
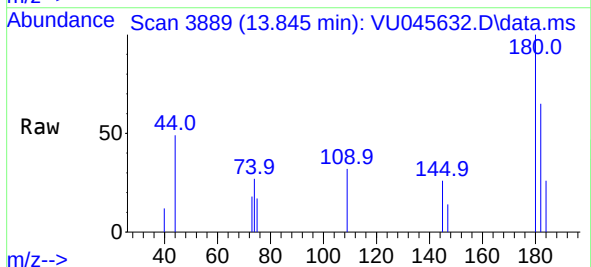
Instrument :
MSVOA_U
ClientSampleId :
VU1108WBL02

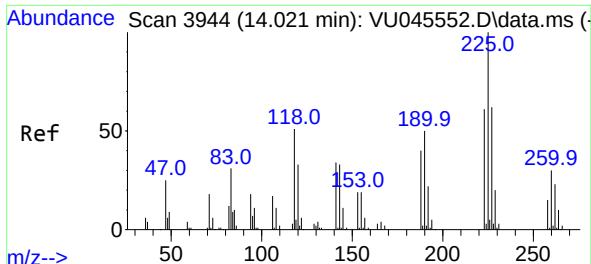
Tgt Ion:146 Resp: 1034
Ion Ratio Lower Upper
146 100
111 31.3 20.6 61.9
148 50.7 31.9 95.7



#93
1,2,4-Trichlorobenzene
Concen: 0.333 ug/l
RT: 13.845 min Scan# 3889
Delta R.T. 0.003 min
Lab File: VU045632.D
Acq: 08 Nov 2021 22:27

Tgt Ion:180 Resp: 1044
Ion Ratio Lower Upper
180 100
182 87.0 47.0 141.2
145 29.1 15.6 46.7

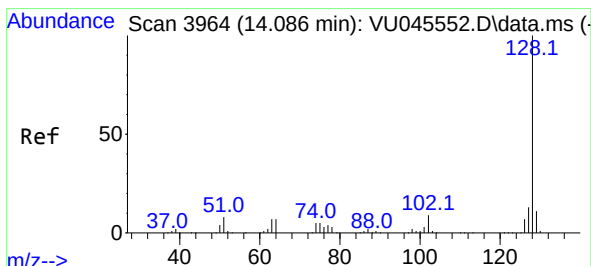
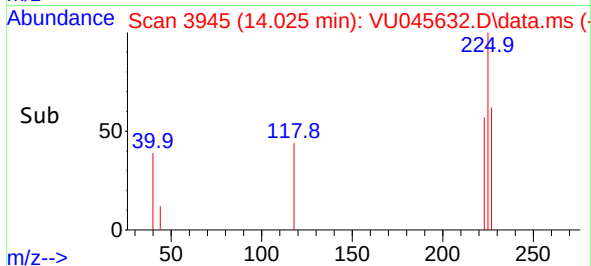
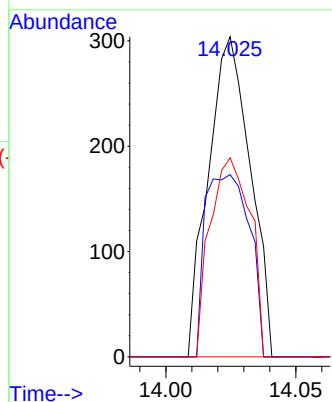
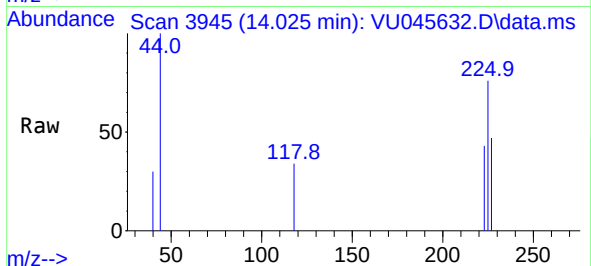




#94
Hexachlorobutadiene
Concen: 0.253 ug/l
RT: 14.025 min Scan# 3944
Delta R.T. 0.003 min
Lab File: VU045632.D
Acq: 08 Nov 2021 22:27

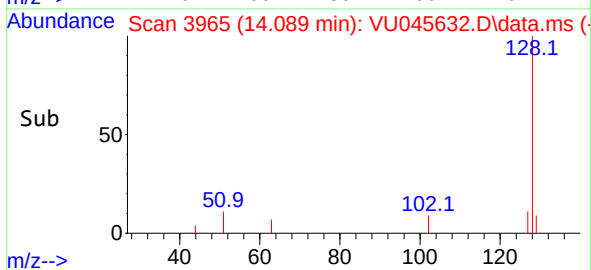
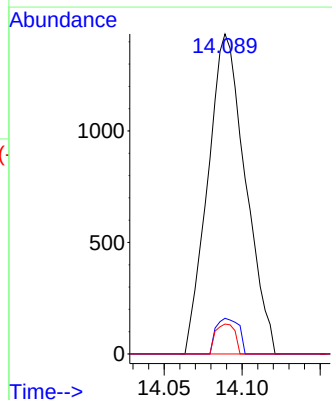
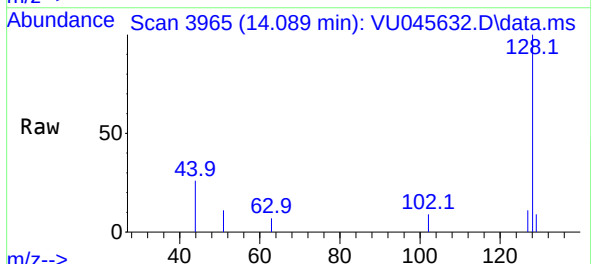
Instrument :
MSVOA_U
ClientSampleId :
VU1108WBL02

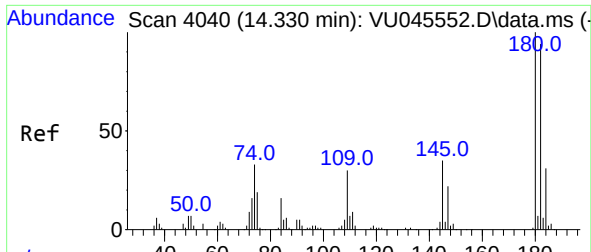
Tgt Ion:	225	Resp:	342
Ion	Ratio	Lower	Upper
225	100		
223	59.9	32.0	96.2
227	59.4	31.1	93.5



#95
Naphthalene
Concen: 1.229 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. 0.003 min
Lab File: VU045632.D
Acq: 08 Nov 2021 22:27

Tgt Ion:	128	Resp:	2402
Ion	Ratio	Lower	Upper
128	100		
127	6.8	10.6	15.8#
129	4.8	8.6	13.0#





#96

1,2,3-Trichlorobenzene

Concen: 0.277 ug/l

RT: 14.337 min Scan# 40

Delta R.T. 0.007 min

Lab File: VU045632.D

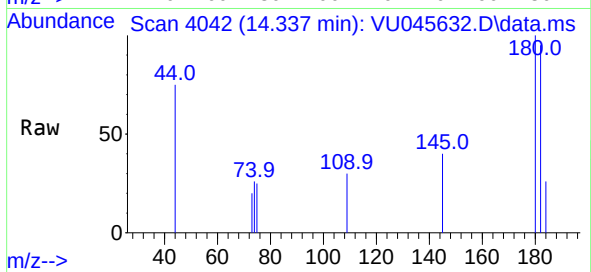
Acq: 08 Nov 2021 22:27

Instrument :

MSVOA_U

ClientSampleId :

VU1108WBL02



Tgt Ion:180 Resp: 863

Ion Ratio Lower Upper

180 100

182 96.6 47.7 143.1

145 31.6 16.7 50.0

