

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110821\
 Data File : VU045614.D
 Acq On : 08 Nov 2021 14:46
 Operator : SY/MD
 Sample : M4571-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-2

Quant Time: Nov 09 09:56:42 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)

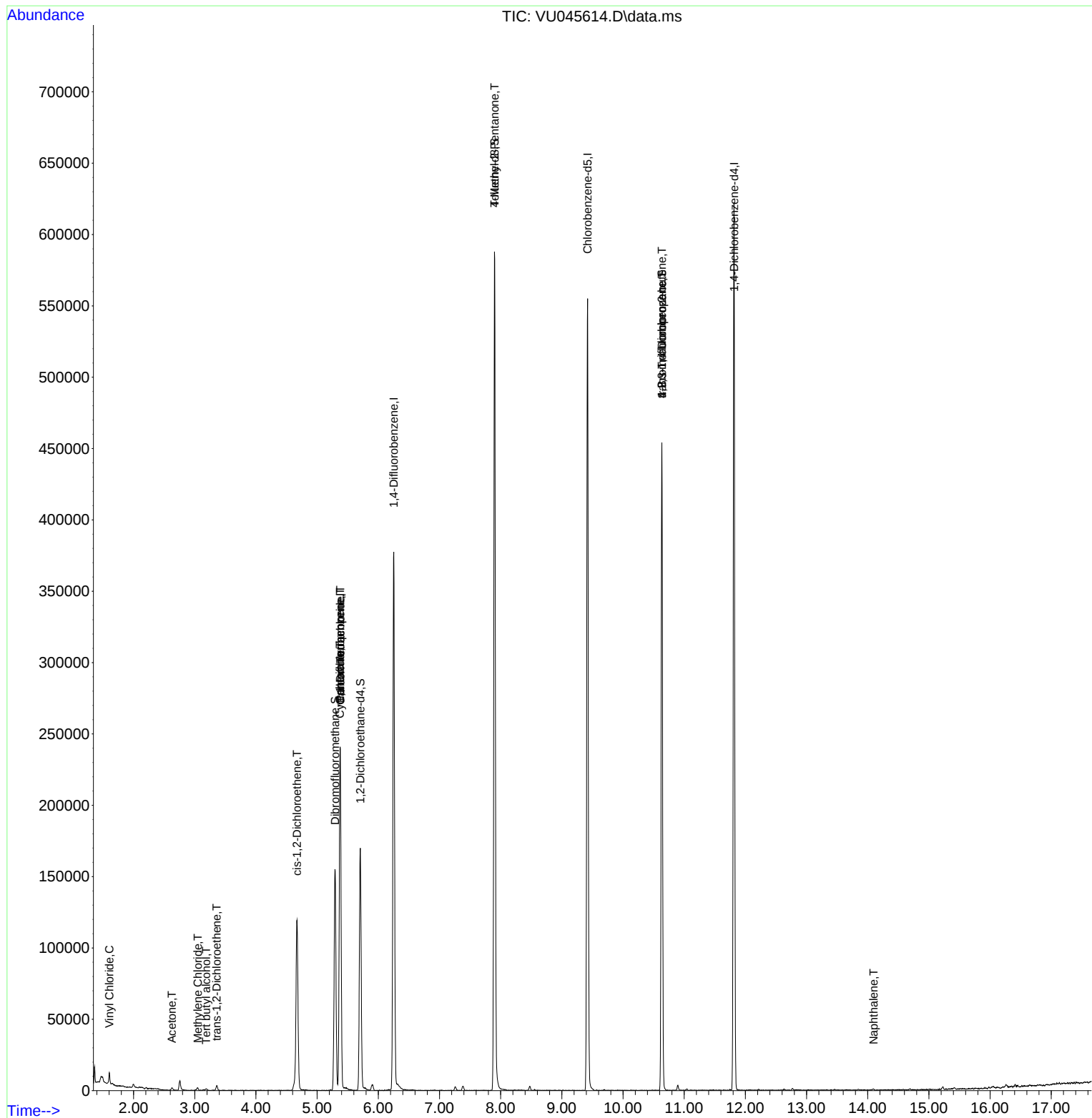
Internal Standards						
1) Pentafluorobenzene	5.375	168	161975	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	306150	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	303687	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	157354	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.707	65	127937	52.741	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 105.480%	
35) Dibromofluoromethane	5.292	113	99379	48.620	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.240%	
50) Toluene-d8	7.899	98	393054	51.714	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 103.420%	
62) 4-Bromofluorobenzene	10.636	95	154134	50.572	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.140%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.604	62	1518	0.649	ug/l #	88
11) Tert butyl alcohol	3.186	59	729	1.518	ug/l #	72
16) Acetone	2.626	43	2186	1.770	ug/l #	88
20) Methylene Chloride	3.048	84	467	0.218	ug/l	83
21) trans-1,2-Dichloroethene	3.359	96	1227	0.662	ug/l #	81
27) cis-1,2-Dichloroethene	4.671	96	62035	28.490	ug/l	89
31) Cyclohexane	5.372	56	3551	1.003	ug/l #	1
36) 1,1-Dichloropropene	5.375	75	14072	4.714	ug/l #	50
38) Carbon Tetrachloride	5.379	117	17219	5.721	ug/l #	17
51) 4-Methyl-2-Pentanone	7.899	43	1627	0.470	ug/l #	1
76) 1,2,3-Trichloropropane	10.636	75	80178	16.802	ug/l #	42
81) trans-1,4-Dichloro-2-b...	10.636	75	80178	54.741	ug/l #	12
95) Naphthalene	14.095	128	1016	1.107	ug/l #	69

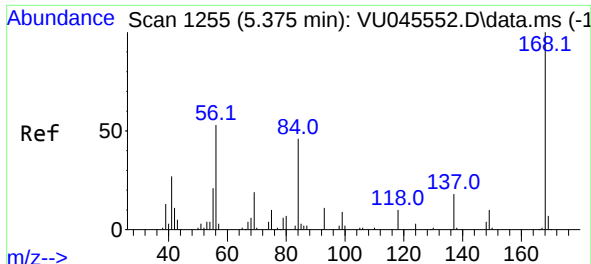
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

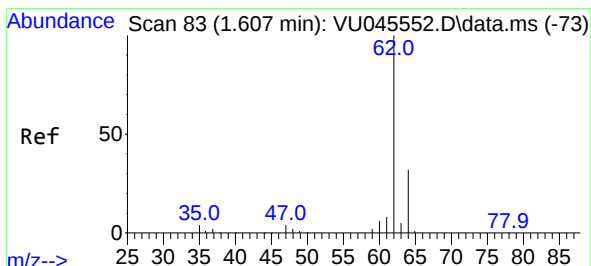
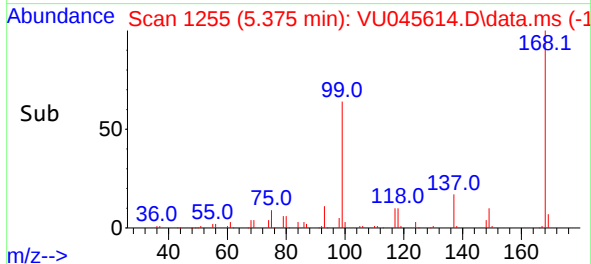
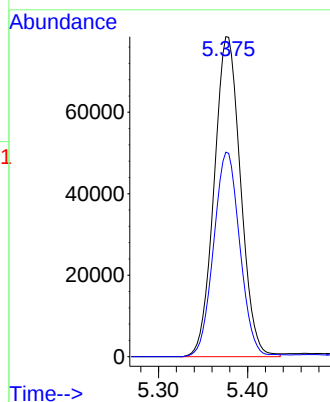
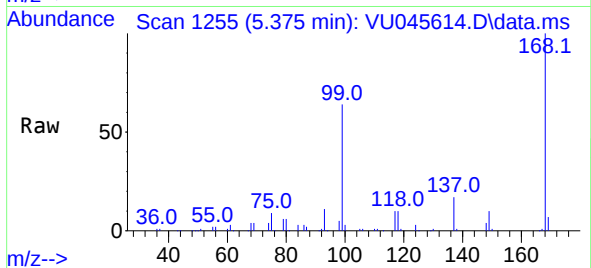




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045614.D
Acq: 08 Nov 2021 14:46

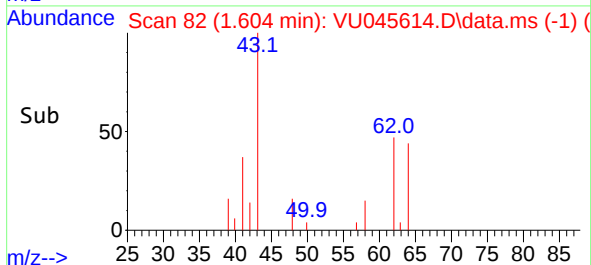
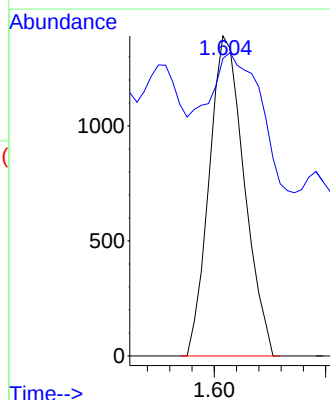
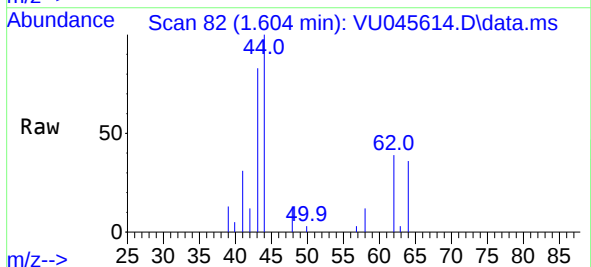
Instrument :
MSVOA_U
ClientSampleId :
MW-2

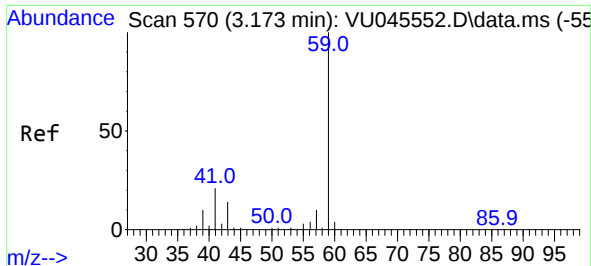
Tgt Ion:168 Resp: 161975
Ion Ratio Lower Upper
168 100
99 63.9 51.0 76.6



#4
Vinyl Chloride
Concen: 0.649 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.003 min
Lab File: VU045614.D
Acq: 08 Nov 2021 14:46

Tgt Ion: 62 Resp: 1518
Ion Ratio Lower Upper
62 100
64 39.2 25.8 38.6#

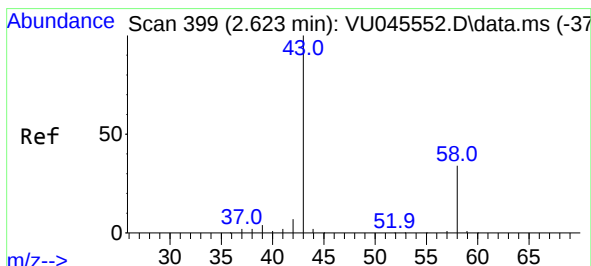
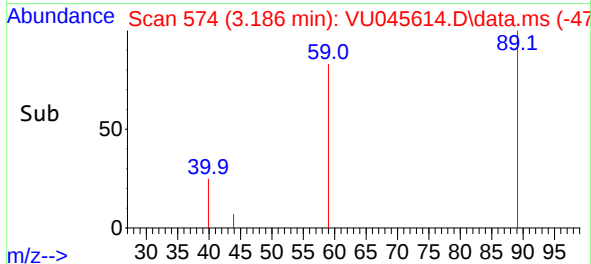
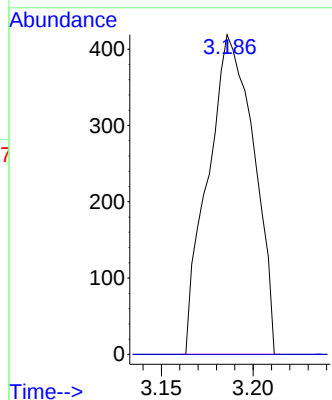
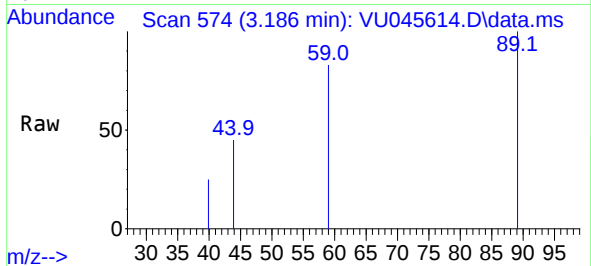




#11
Tert butyl alcohol
Concen: 1.518 ug/l
RT: 3.186 min Scan# 51
Delta R.T. 0.013 min
Lab File: VU045614.D
Acq: 08 Nov 2021 14:46

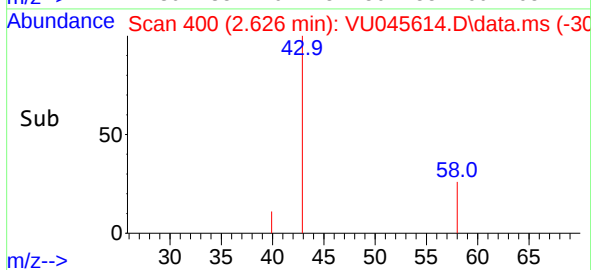
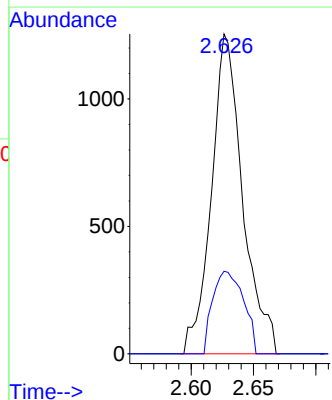
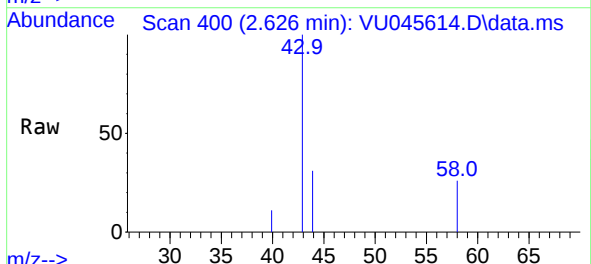
Instrument :
MSVOA_U
ClientSampleId :
MW-2

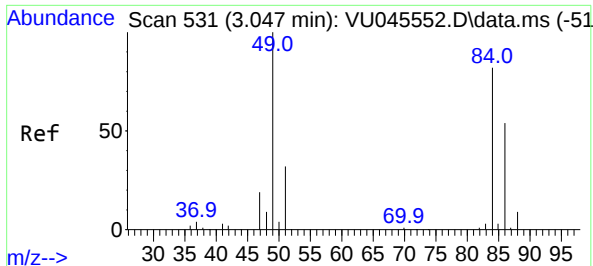
Tgt Ion: 59 Resp: 729
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#16
Acetone
Concen: 1.770 ug/l
RT: 2.626 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU045614.D
Acq: 08 Nov 2021 14:46

Tgt Ion: 43 Resp: 2186
Ion Ratio Lower Upper
43 100
58 25.8 26.2 39.2#



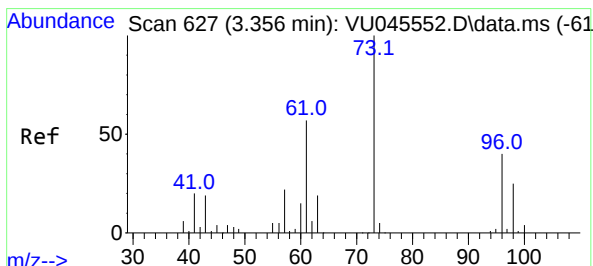
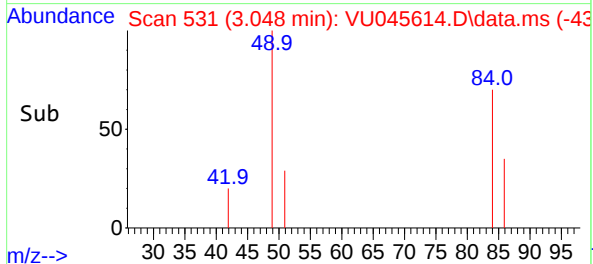
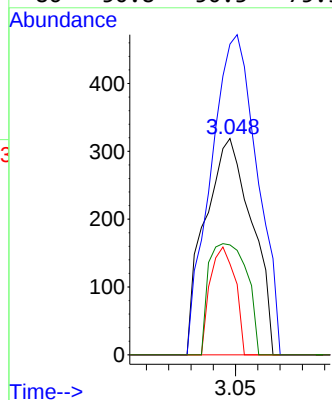
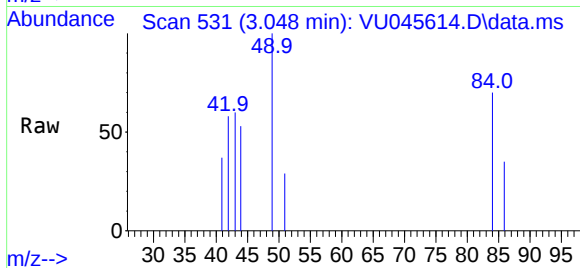


#20
Methylene Chloride
Concen: 0.218 ug/l
RT: 3.048 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU045614.D
Acq: 08 Nov 2021 14:46

Instrument :
MSVOA_U
ClientSampleId :
MW-2

Tgt Ion: 84 Resp: 467

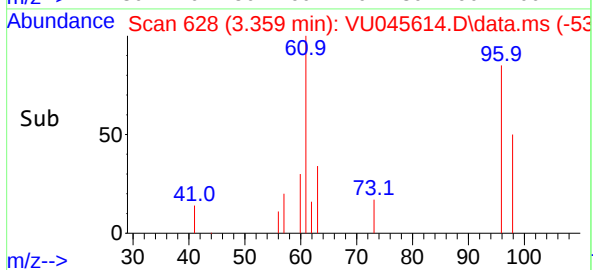
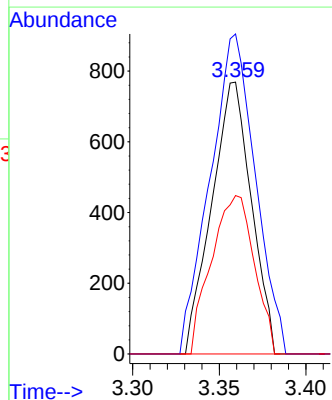
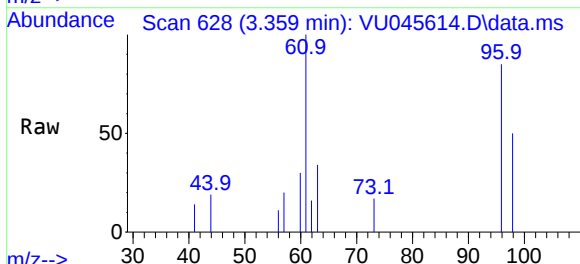
Ion	Ratio	Lower	Upper
84	100		
49	143.6	96.4	144.6
51	42.0	30.5	45.7
86	50.8	50.3	75.5

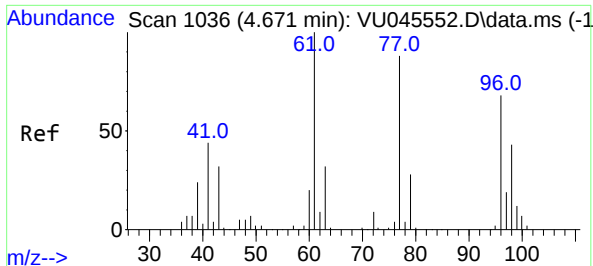


#21
trans-1,2-Dichloroethene
Concen: 0.662 ug/l
RT: 3.359 min Scan# 628
Delta R.T. 0.003 min
Lab File: VU045614.D
Acq: 08 Nov 2021 14:46

Tgt Ion: 96 Resp: 1227

Ion	Ratio	Lower	Upper
96	100		
61	117.7	118.2	177.4#
98	58.3	52.1	78.1

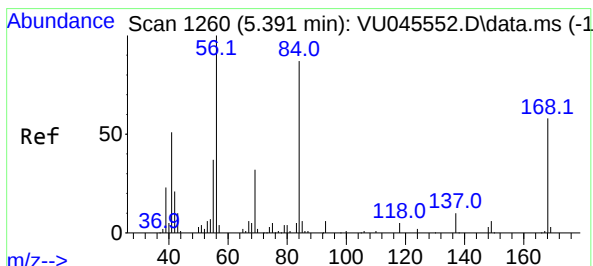
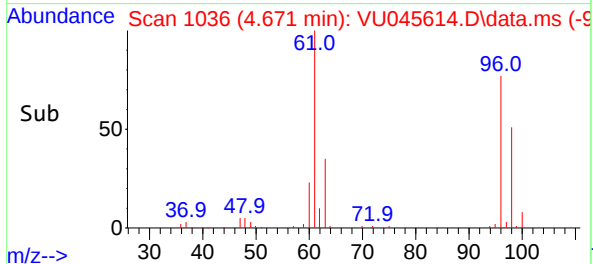
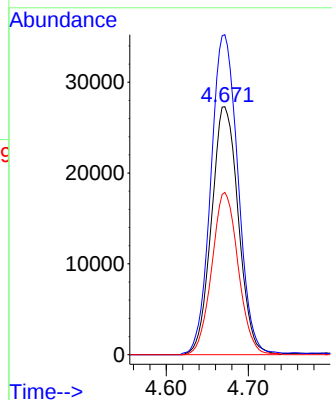
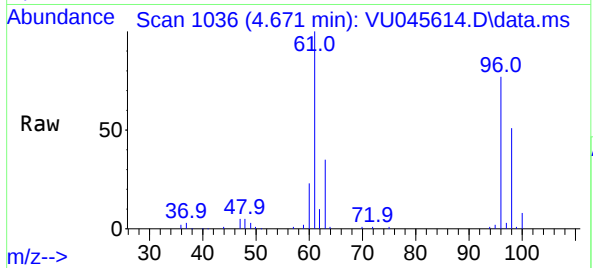




#27
 cis-1,2-Dichloroethene
 Concen: 28.490 ug/l
 RT: 4.671 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VU045614.D
 Acq: 08 Nov 2021 14:46

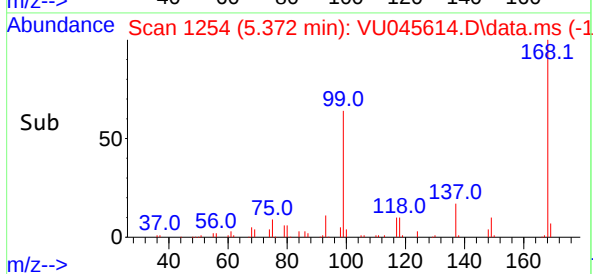
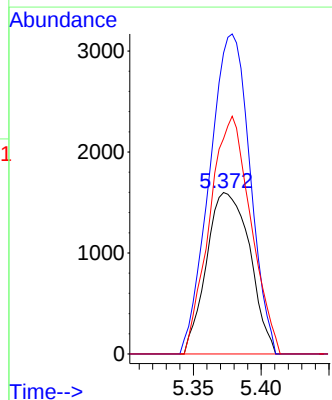
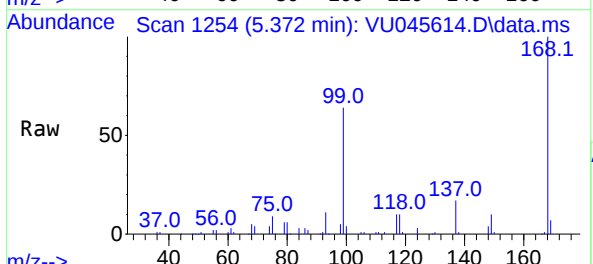
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-2

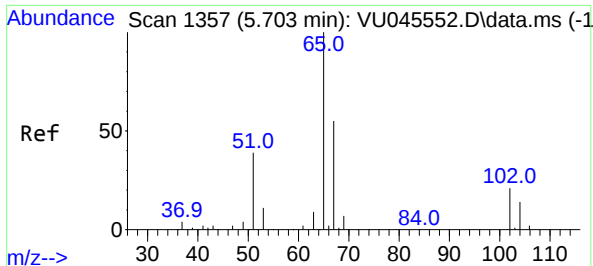
Tgt Ion: 96 Resp: 62035
 Ion Ratio Lower Upper
 96 100
 61 130.5 0.0 299.2
 98 64.4 0.0 127.6



#31
 Cyclohexane
 Concen: 1.003 ug/l
 RT: 5.372 min Scan# 1254
 Delta R.T. -0.019 min
 Lab File: VU045614.D
 Acq: 08 Nov 2021 14:46

Tgt Ion: 56 Resp: 3551
 Ion Ratio Lower Upper
 56 100
 69 186.4 26.4 39.6#
 84 133.4 68.4 102.6#

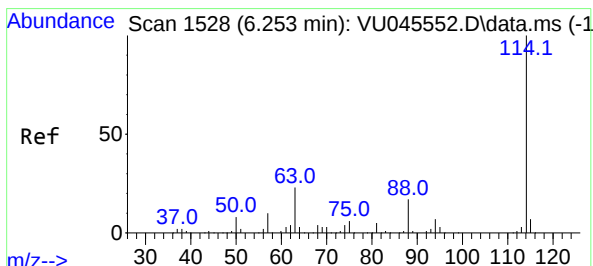
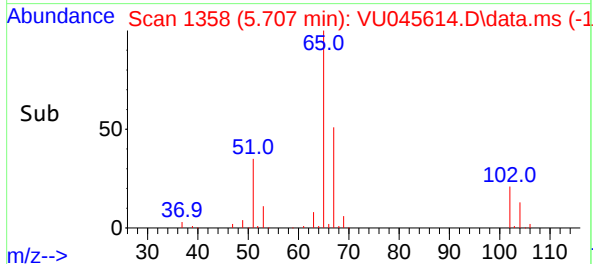
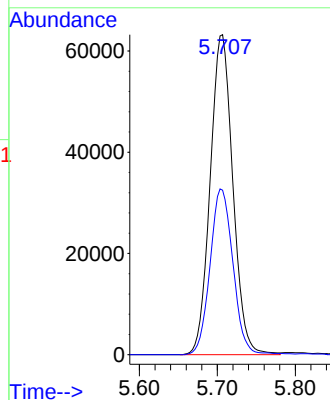
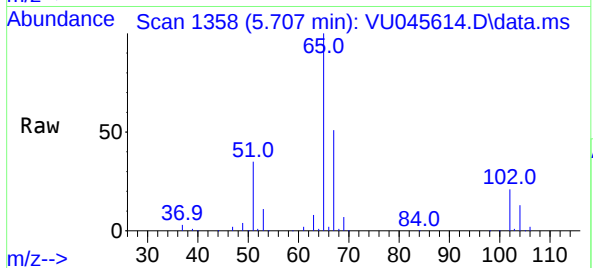




#33
1,2-Dichloroethane-d4
Concen: 52.741 ug/l
RT: 5.707 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU045614.D
Acq: 08 Nov 2021 14:46

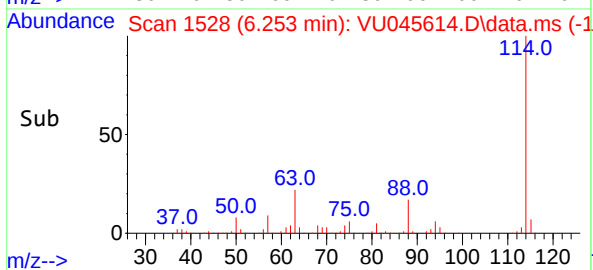
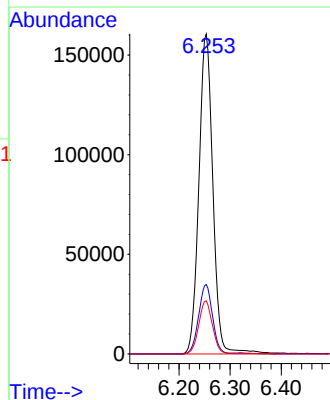
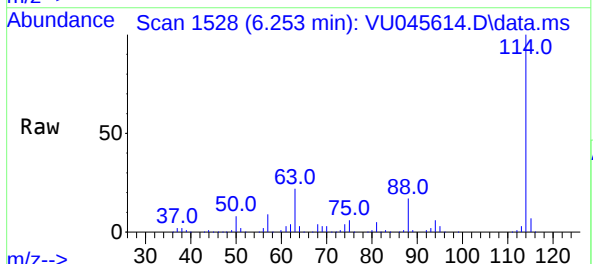
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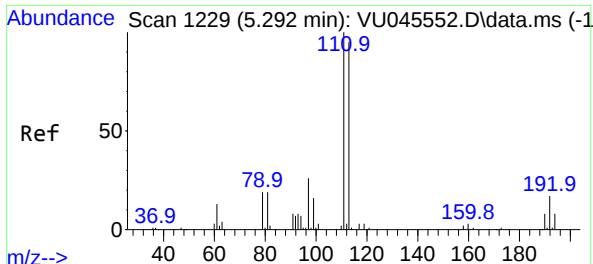
Tgt Ion: 65 Resp: 127937
Ion Ratio Lower Upper
65 100
67 52.2 0.0 105.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.253 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VU045614.D
Acq: 08 Nov 2021 14:46

Tgt Ion: 114 Resp: 306150
Ion Ratio Lower Upper
114 100
63 21.7 0.0 45.6
88 16.6 0.0 33.8

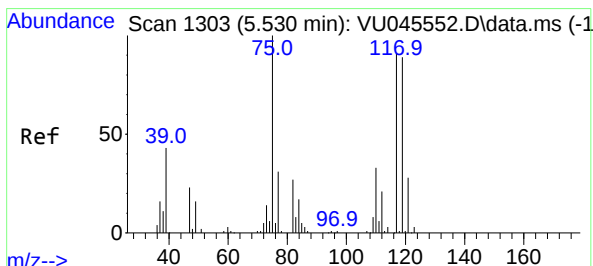
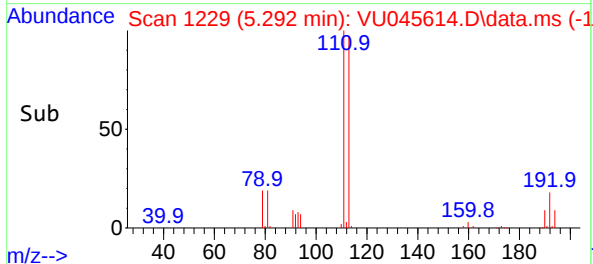
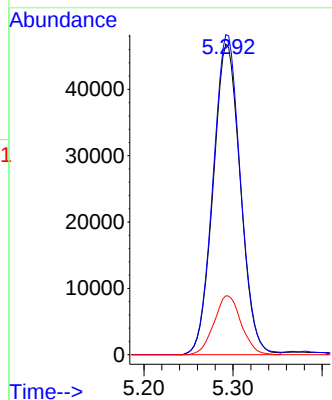
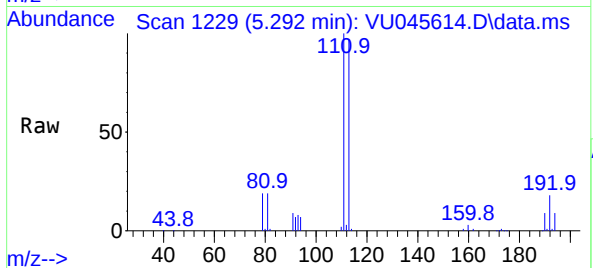




#35
Dibromofluoromethane
Concen: 48.620 ug/l
RT: 5.292 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045614.D
Acq: 08 Nov 2021 14:46

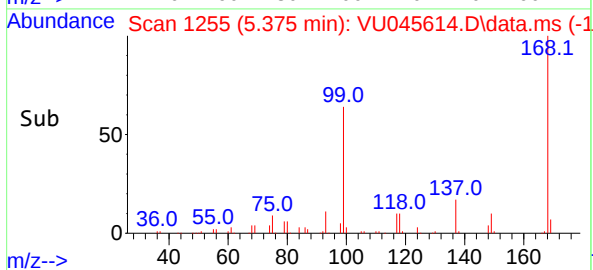
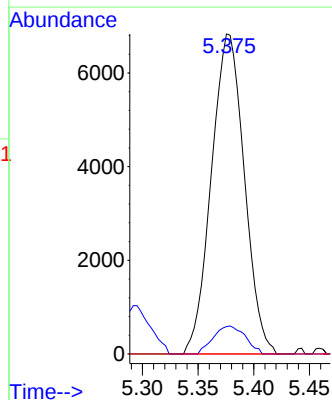
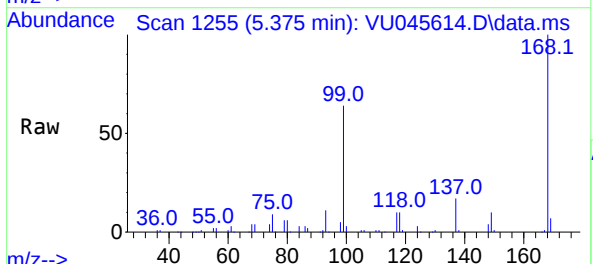
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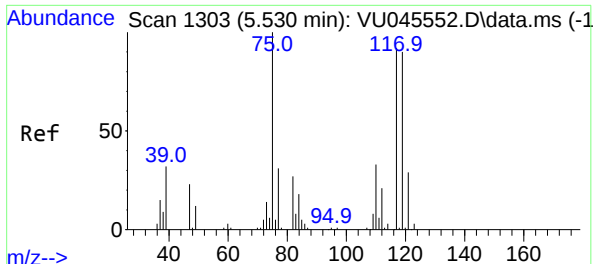
Tgt Ion:113 Resp: 99379
Ion Ratio Lower Upper
113 100
111 103.6 82.8 124.2
192 18.9 14.8 22.2



#36
1,1-Dichloropropene
Concen: 4.714 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.154 min
Lab File: VU045614.D
Acq: 08 Nov 2021 14:46

Tgt Ion: 75 Resp: 14072
Ion Ratio Lower Upper
75 100
110 8.5 16.7 50.0#
77 0.0 25.0 37.4#

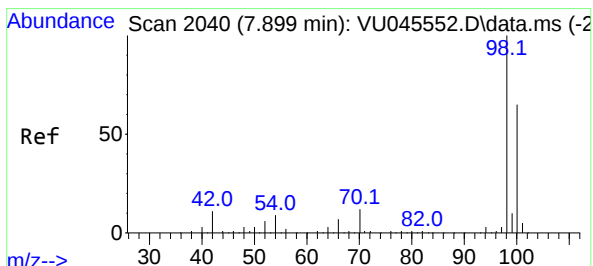
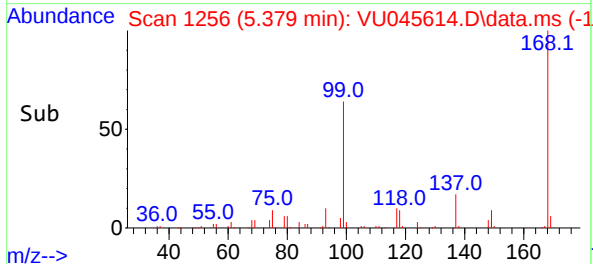
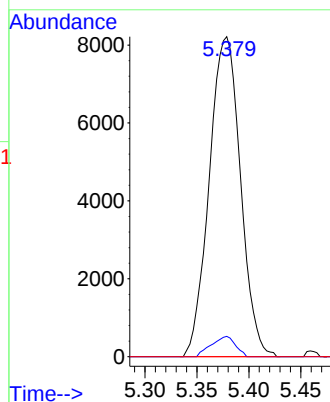
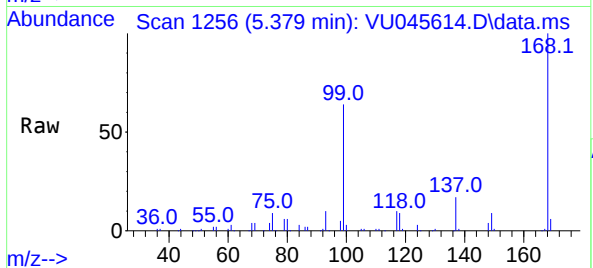




#38
Carbon Tetrachloride
Concen: 5.721 ug/l
RT: 5.379 min Scan# 117
Delta R.T. -0.151 min
Lab File: VU045614.D
Acq: 08 Nov 2021 14:46

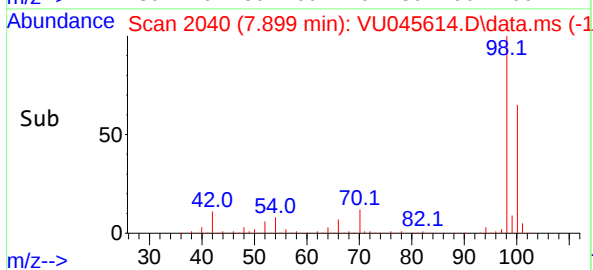
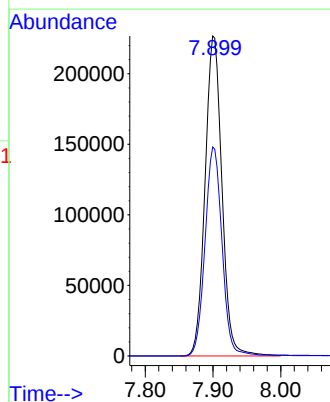
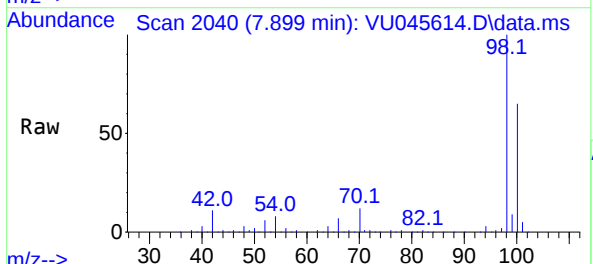
Instrument :
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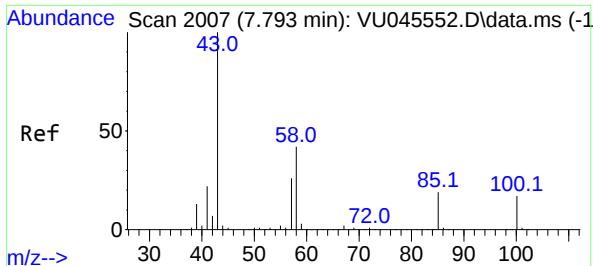
Tgt Ion:	117	Resp:	17219
Ion	Ratio	Lower	Upper
117	100		
119	6.4	77.4	116.0#
121	0.0	24.8	37.2#



#50
Toluene-d8
Concen: 51.714 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VU045614.D
Acq: 08 Nov 2021 14:46

Tgt Ion:	98	Resp:	393054
Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.5	78.7

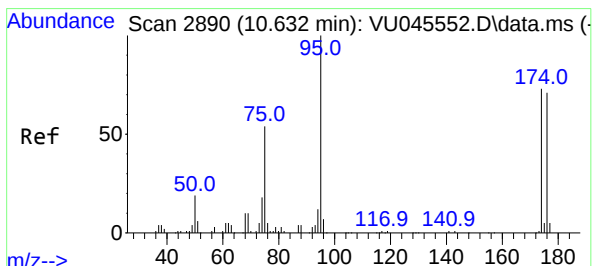
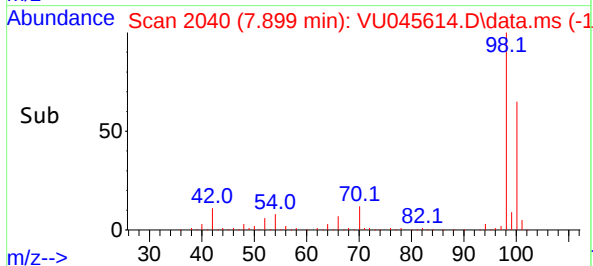
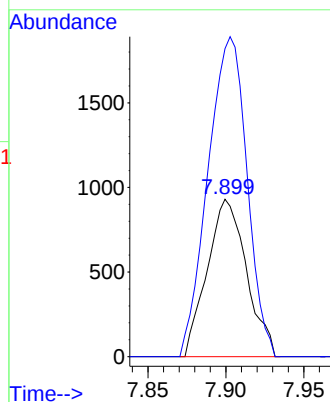
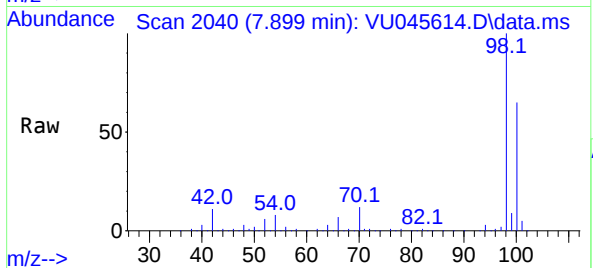




#51
4-Methyl-2-Pentanone
Concen: 0.470 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. 0.106 min
Lab File: VU045614.D
Acq: 08 Nov 2021 14:46

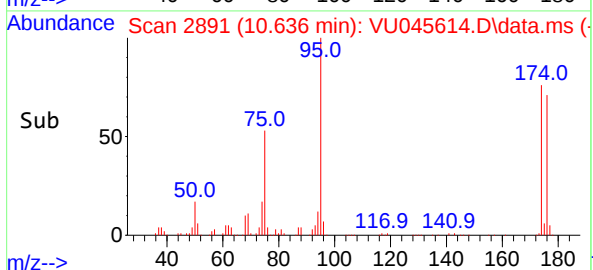
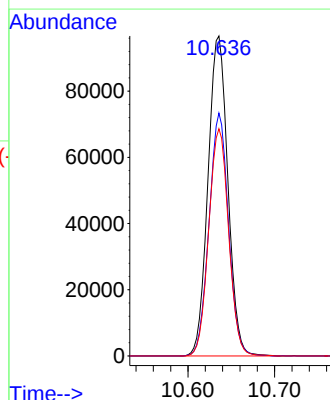
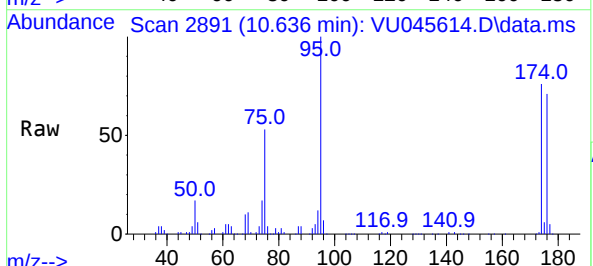
Instrument :
MSVOA_U
ClientSampleId :
MW-2

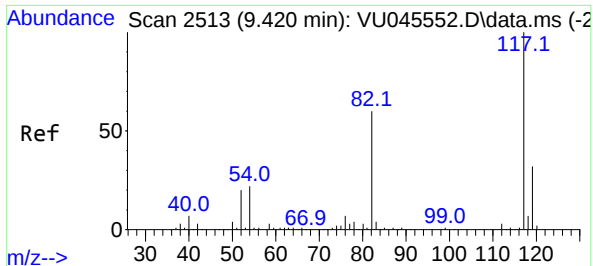
Tgt Ion: 43 Resp: 1627
Ion Ratio Lower Upper
43 100
58 202.4 33.8 50.8#



#62
4-Bromofluorobenzene
Concen: 50.572 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.003 min
Lab File: VU045614.D
Acq: 08 Nov 2021 14:46

Tgt Ion: 95 Resp: 154134
Ion Ratio Lower Upper
95 100
174 74.4 0.0 141.8
176 71.0 0.0 138.2

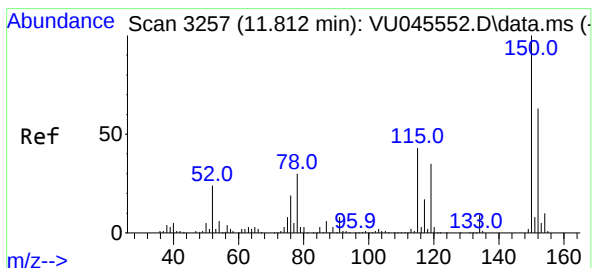
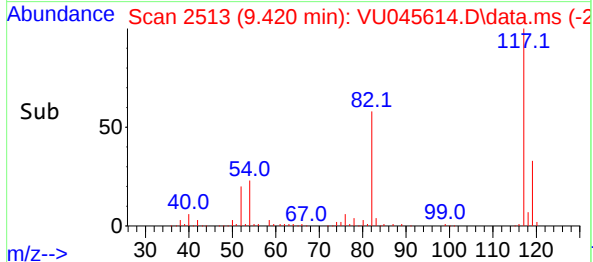
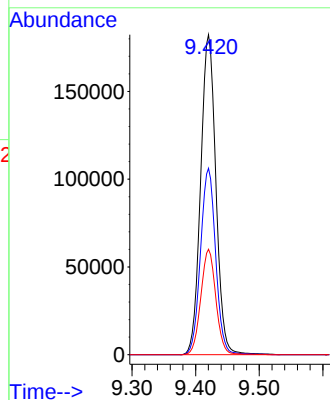
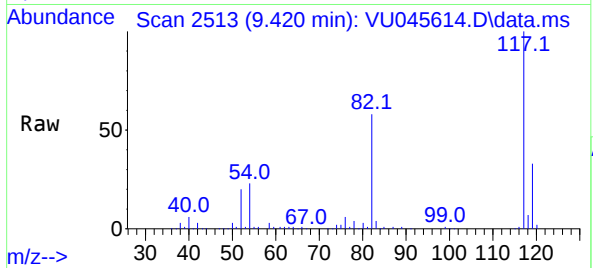




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU045614.D
Acq: 08 Nov 2021 14:46

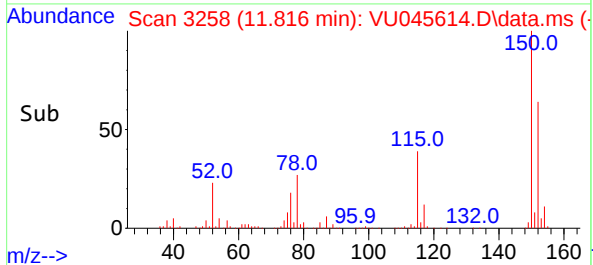
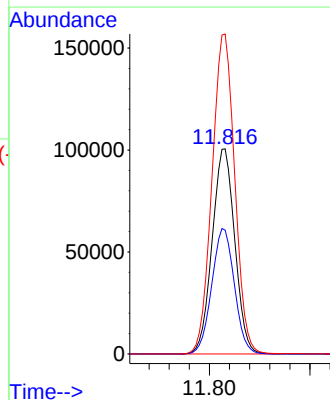
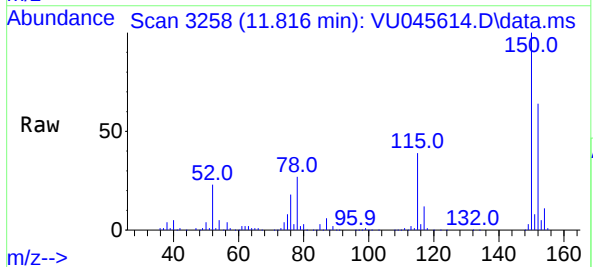
Instrument :
MSVOA_U
ClientSampleId :
MW-2

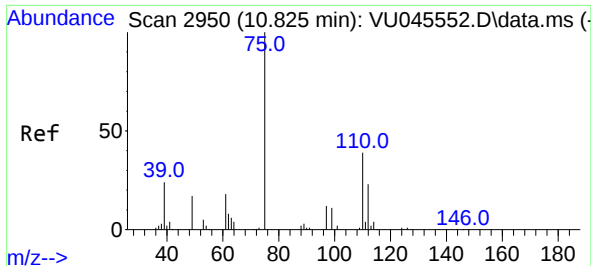
Tgt Ion:117 Resp: 303687
Ion Ratio Lower Upper
117 100
82 58.3 47.8 71.8
119 32.9 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.816 min Scan# 3258
Delta R.T. 0.003 min
Lab File: VU045614.D
Acq: 08 Nov 2021 14:46

Tgt Ion:152 Resp: 157354
Ion Ratio Lower Upper
152 100
115 61.0 42.7 128.1
150 156.4 0.0 346.8

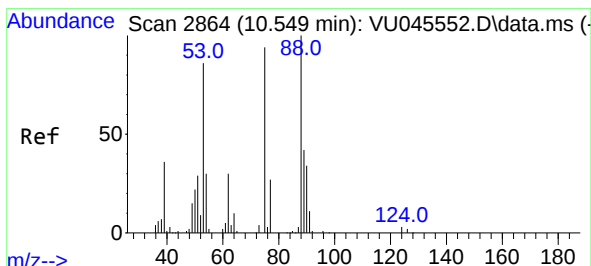
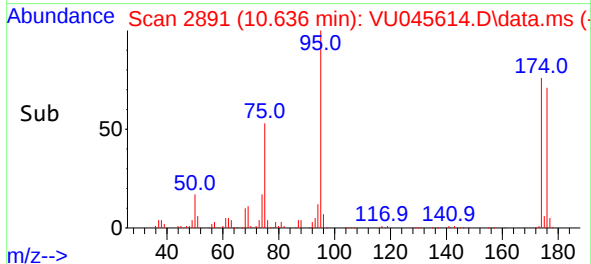
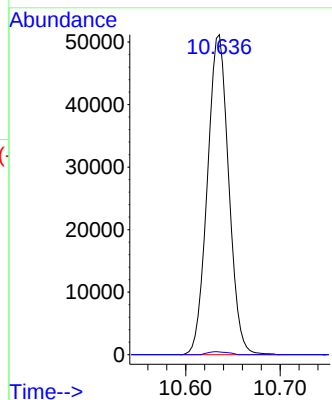
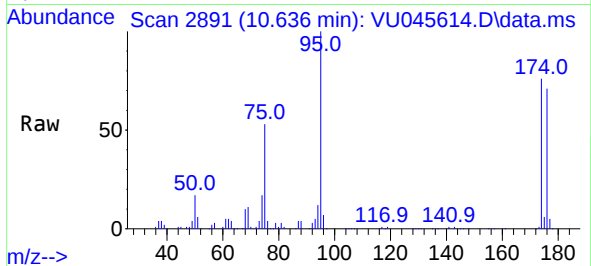




#76
1,2,3-Trichloropropane
Concen: 16.802 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. -0.190 min
Lab File: VU045614.D
Acq: 08 Nov 2021 14:46

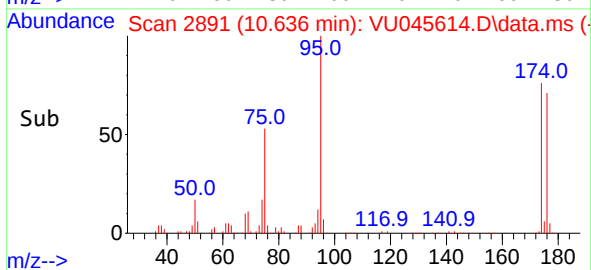
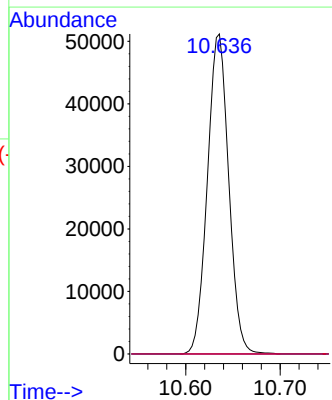
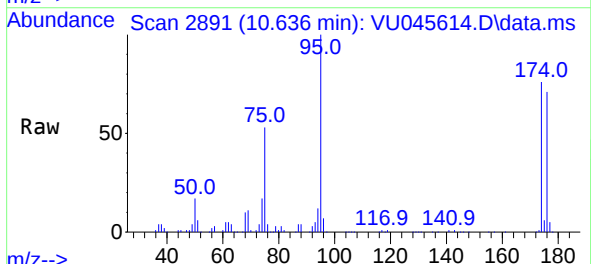
Instrument :
MSVOA_U
ClientSampleId :
MW-2

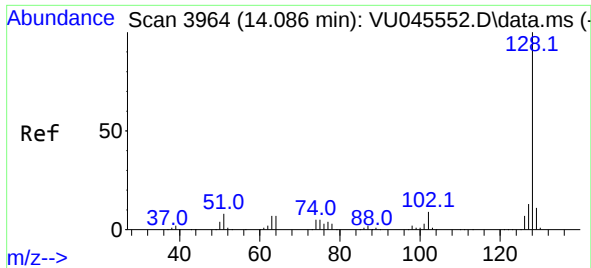
Tgt Ion: 75 Resp: 80178
Ion Ratio Lower Upper
75 100
77 0.9 17.1 51.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 54.741 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.087 min
Lab File: VU045614.D
Acq: 08 Nov 2021 14:46

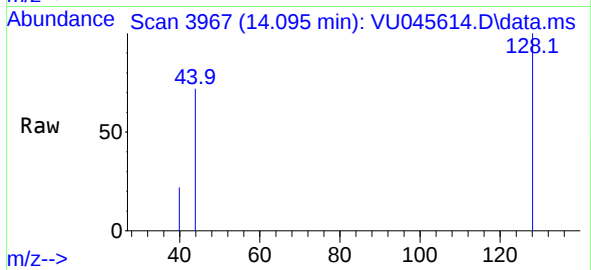
Tgt Ion: 75 Resp: 80178
Ion Ratio Lower Upper
75 100
53 0.0 76.2 114.4#
89 0.0 34.0 51.0#





#95
Naphthalene
Concen: 1.107 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.009 min
Lab File: VU045614.D
Acq: 08 Nov 2021 14:46

Instrument :
MSVOA_U
ClientSampleId :
MW-2



Tgt Ion:128 Resp: 1016
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 0.0 8.6 13.0#

