

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111021\
 Data File : VU045724.D
 Acq On : 11 Nov 2021 05:59
 Operator : SY/MD
 Sample : M4605-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VWE-B19-110821-GW

Quant Time: Nov 11 13:11:14 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)

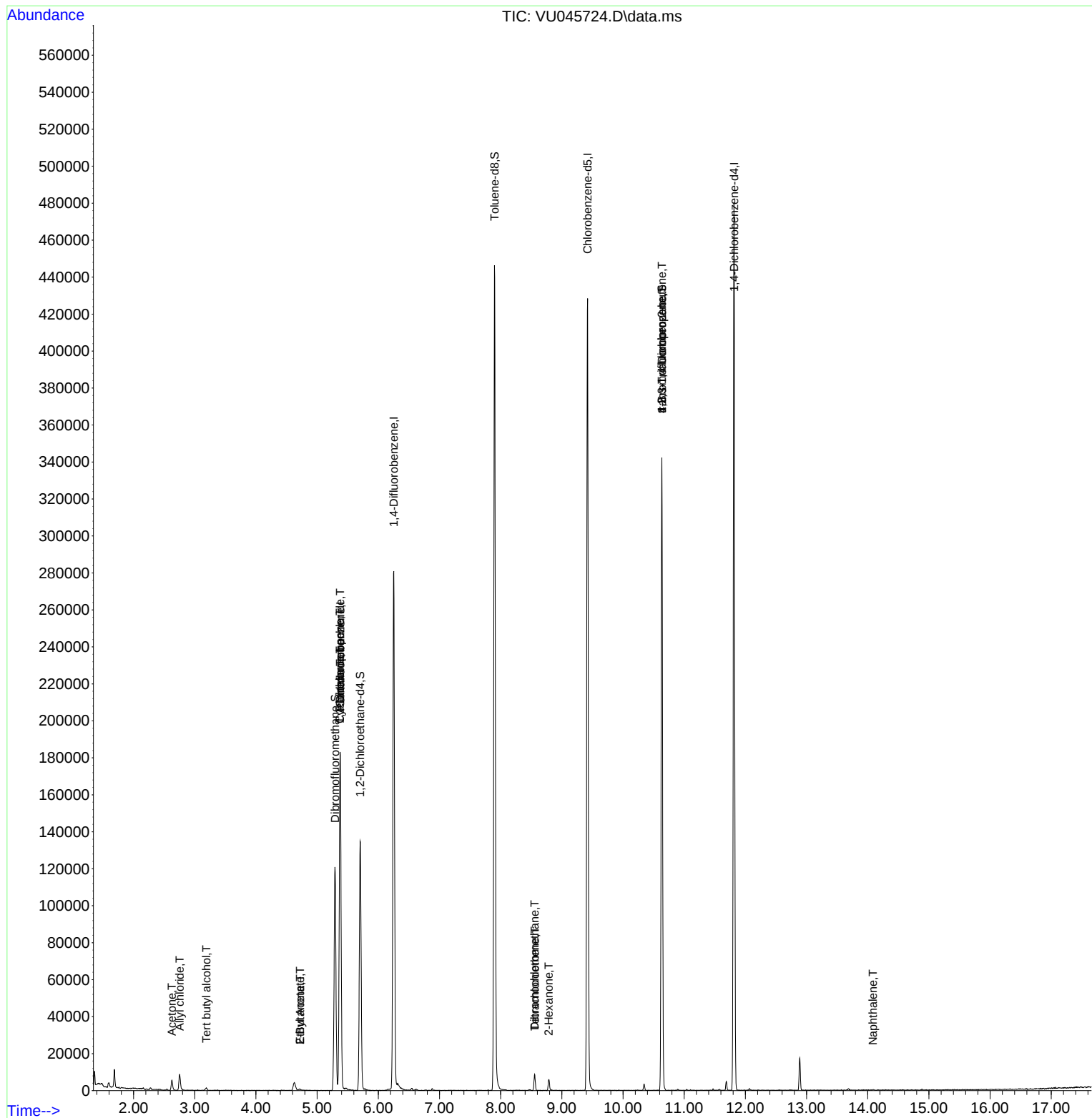
Internal Standards						
1) Pentafluorobenzene	5.379	168	121514	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	222234	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	232887	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	117607	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	99211	54.517	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery	= 109.040%		
35) Dibromofluoromethane	5.292	113	76888	51.820	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	= 103.640%		
50) Toluene-d8	7.899	98	295097	53.486	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery	= 106.980%		
62) 4-Bromofluorobenzene	10.636	95	113048	51.097	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery	= 102.200%		
Target Compounds						
						Qvalue
11) Tert butyl alcohol	3.189	59	1063	2.951	ug/l #	72
14) Allyl chloride	2.755	41	827	0.346	ug/l #	62
16) Acetone	2.626	43	6449	6.962	ug/l	99
25) 2-Butanone	4.719	43	816	0.635	ug/l	98
31) Cyclohexane	5.372	56	2642	0.995	ug/l #	1
36) 1,1-Dichloropropene	5.372	75	11178	5.158	ug/l #	50
37) Ethyl Acetate	4.719	43	816	0.328	ug/l #	67
38) Carbon Tetrachloride	5.375	117	12548	5.744	ug/l #	16
59) 2-Hexanone	8.784	43	980	7.970	ug/l #	21
60) Dibromochloromethane	8.555	129	2006	1.183	ug/l #	11
64) Tetrachloroethene	8.559	164	1823	1.364	ug/l	96
76) 1,2,3-Trichloropropane	10.636	75	59966	16.814	ug/l #	42
81) trans-1,4-Dichloro-2-b...	10.636	75	59966	54.776	ug/l #	12
95) Naphthalene	14.086	128	458	1.076	ug/l #	69

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

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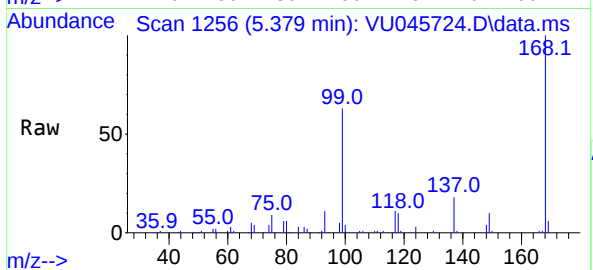
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 05 13:35:16 2021
Response via : Initial Calibration



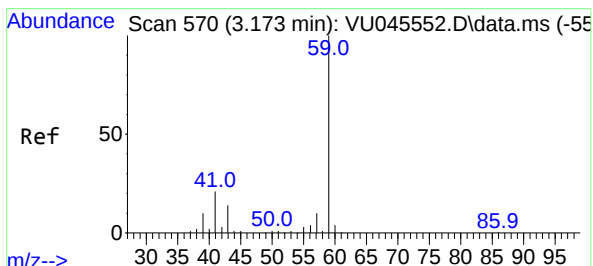
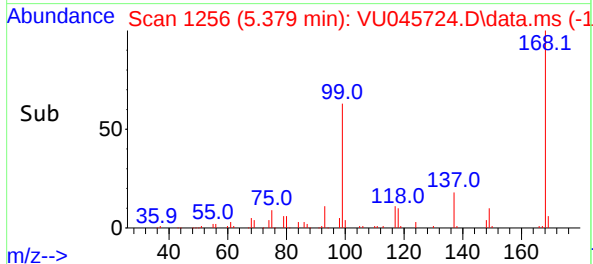
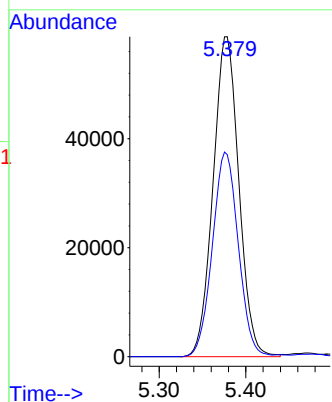


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.379 min Scan# 11
Delta R.T. 0.004 min
Lab File: VU045724.D
Acq: 11 Nov 2021 05:59

Instrument :
MSVOA_U
ClientSampleId :
VWE-B19-110821-GW

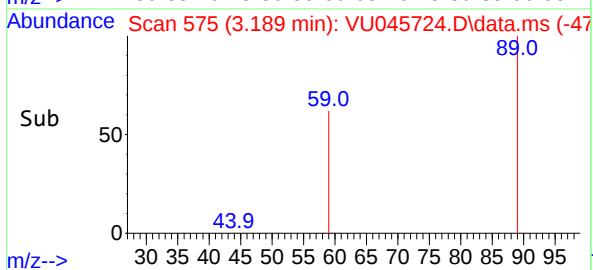
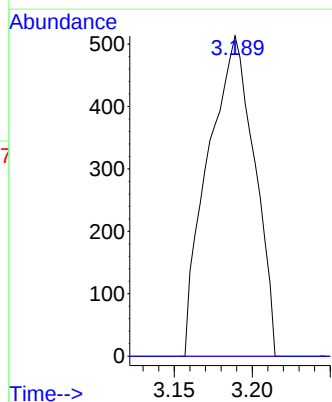
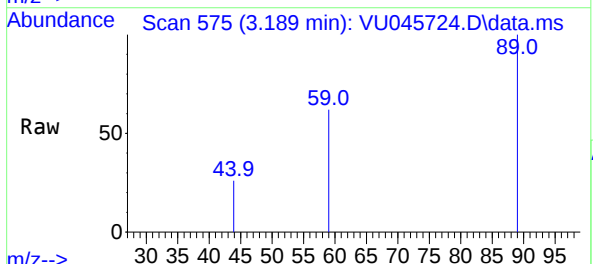


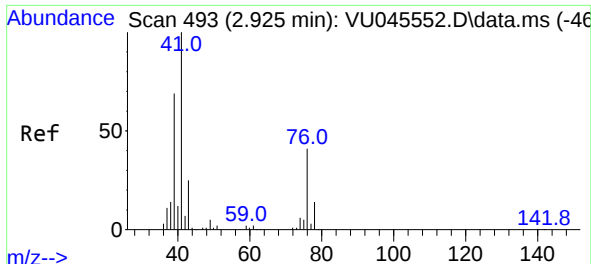
Tgt Ion:168 Resp: 121514
Ion Ratio Lower Upper
168 100
99 63.2 51.0 76.6



#11
Tert butyl alcohol
Concen: 2.951 ug/l
RT: 3.189 min Scan# 575
Delta R.T. 0.016 min
Lab File: VU045724.D
Acq: 11 Nov 2021 05:59

Tgt Ion: 59 Resp: 1063
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

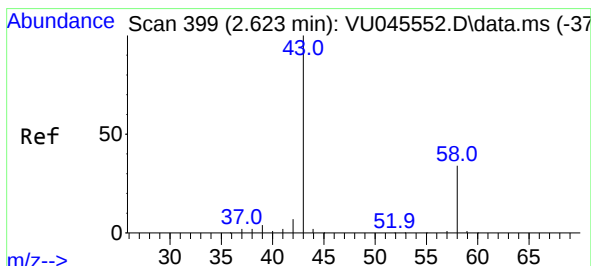
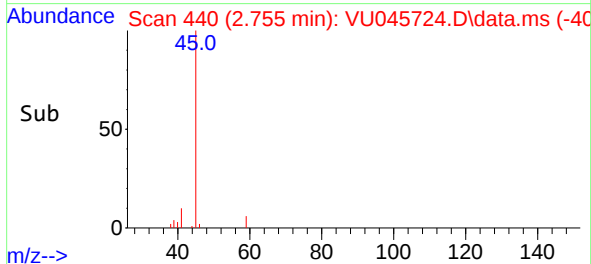
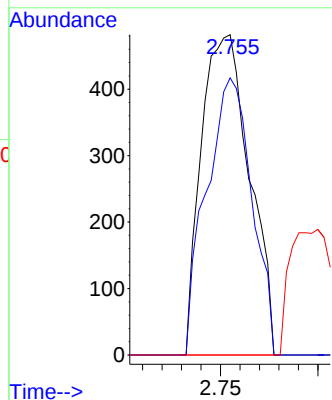
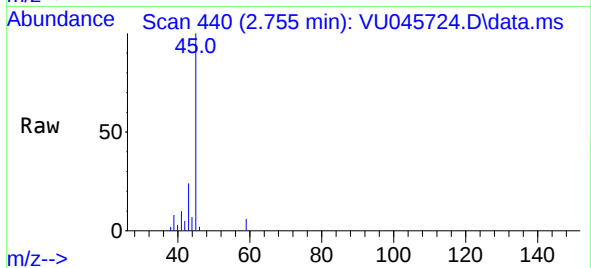




#14
 Allyl chloride
 Concen: 0.346 ug/l
 RT: 2.755 min Scan# 41
 Delta R.T. -0.170 min
 Lab File: VU045724.D
 Acq: 11 Nov 2021 05:59

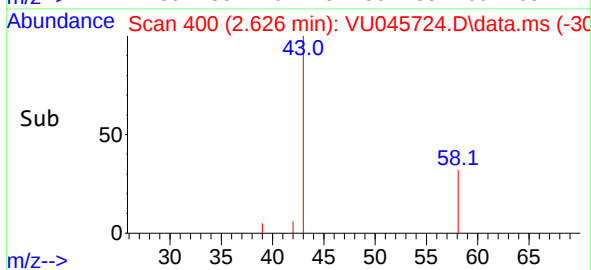
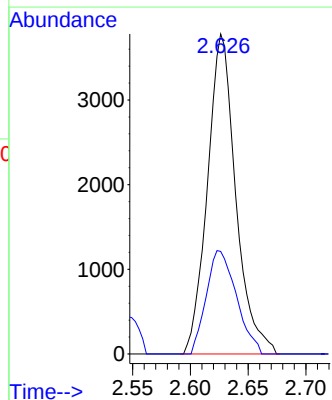
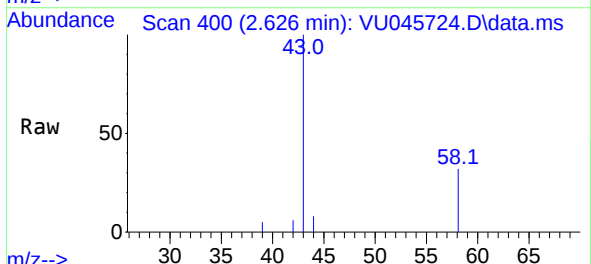
Instrument :
 MSVOA_U
 ClientSampleId :
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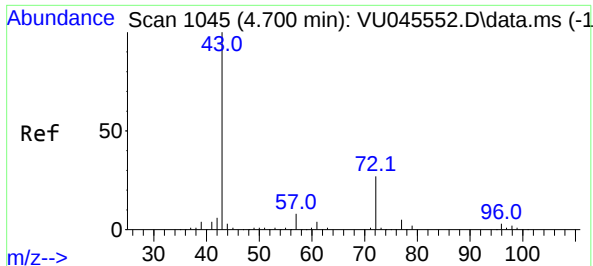
Tgt Ion: 41 Resp: 827
 Ion Ratio Lower Upper
 41 100
 39 81.7 49.7 74.5#
 76 0.0 27.7 41.5#



#16
 Acetone
 Concen: 6.962 ug/l
 RT: 2.626 min Scan# 400
 Delta R.T. 0.003 min
 Lab File: VU045724.D
 Acq: 11 Nov 2021 05:59

Tgt Ion: 43 Resp: 6449
 Ion Ratio Lower Upper
 43 100
 58 32.0 26.2 39.2

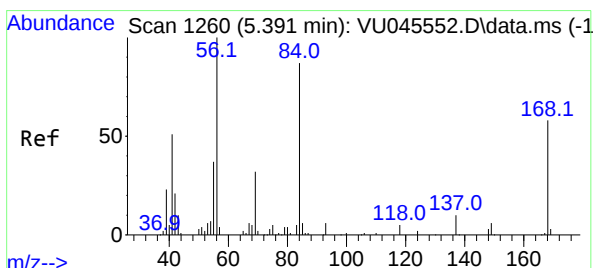
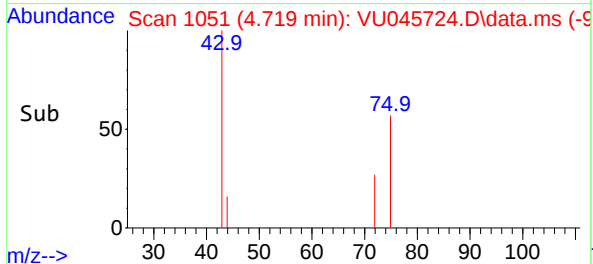
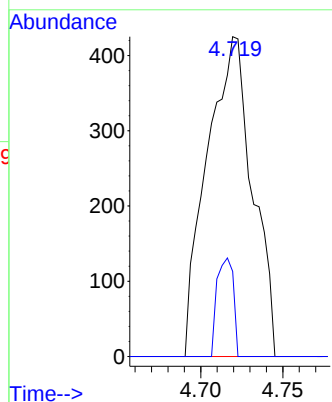
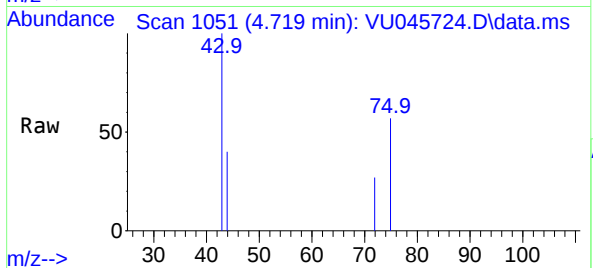




#25
2-Butanone
Concen: 0.635 ug/l
RT: 4.719 min Scan# 1045
Delta R.T. 0.019 min
Lab File: VU045724.D
Acq: 11 Nov 2021 05:59

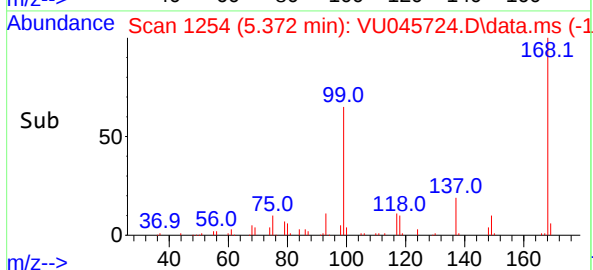
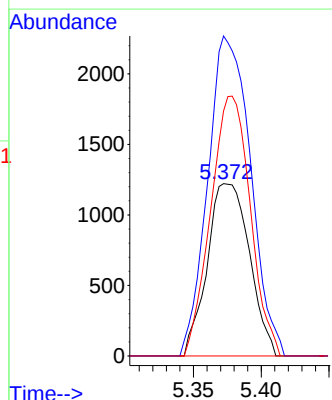
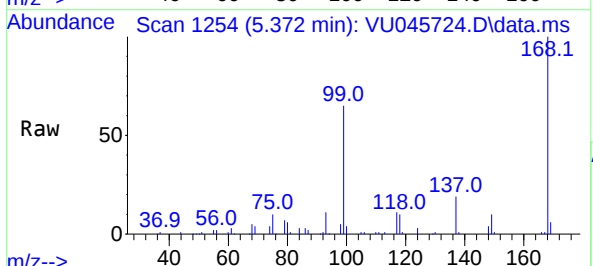
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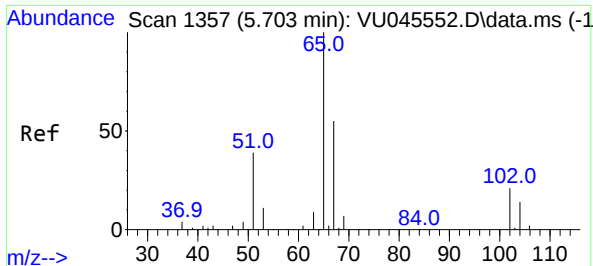
Tgt Ion: 43 Resp: 816
Ion Ratio Lower Upper
43 100
72 26.6 22.0 33.0



#31
Cyclohexane
Concen: 0.995 ug/l
RT: 5.372 min Scan# 1254
Delta R.T. -0.019 min
Lab File: VU045724.D
Acq: 11 Nov 2021 05:59

Tgt Ion: 56 Resp: 2642
Ion Ratio Lower Upper
56 100
69 185.7 26.4 39.6#
84 142.1 68.4 102.6#

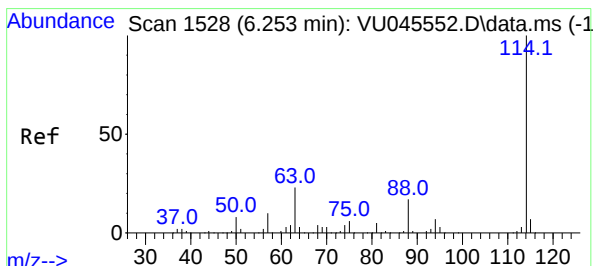
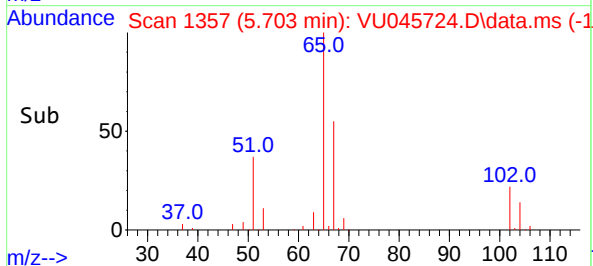
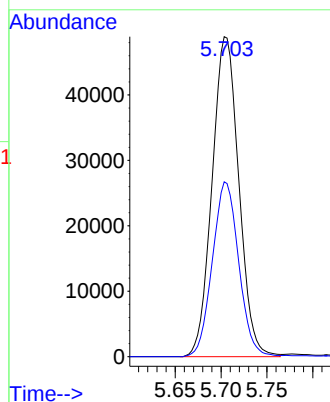
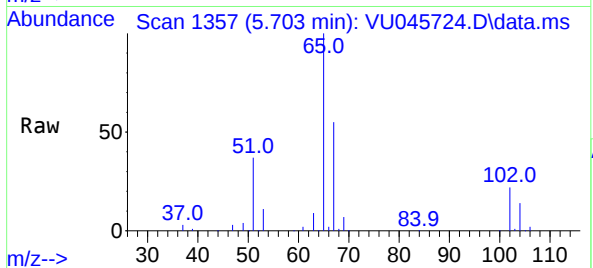




#33
1,2-Dichloroethane-d4
Concen: 54.517 ug/l
RT: 5.703 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045724.D
Acq: 11 Nov 2021 05:59

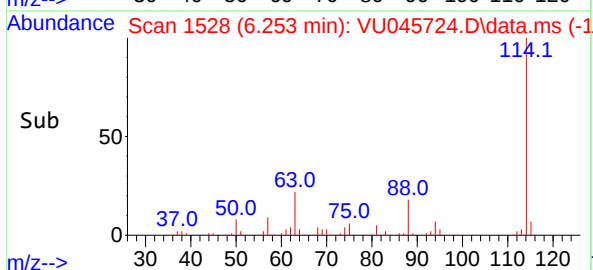
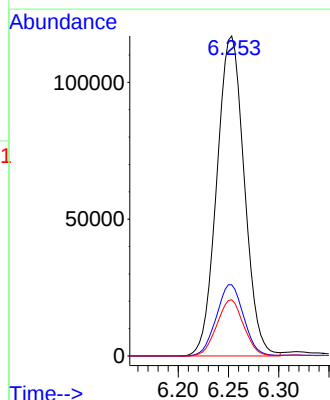
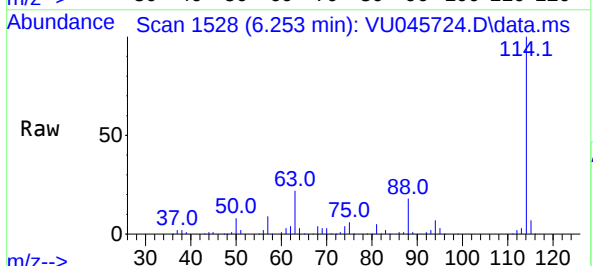
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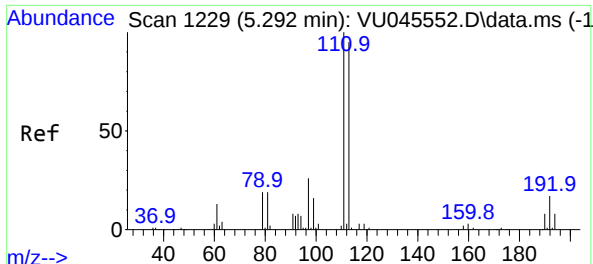
Tgt Ion: 65 Resp: 99211
Ion Ratio Lower Upper
65 100
67 53.8 0.0 105.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.253 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VU045724.D
Acq: 11 Nov 2021 05:59

Tgt Ion: 114 Resp: 222234
Ion Ratio Lower Upper
114 100
63 22.2 0.0 45.6
88 17.6 0.0 33.8

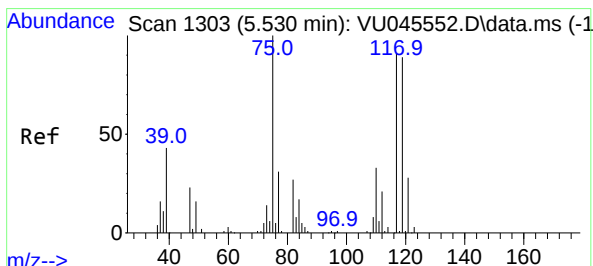
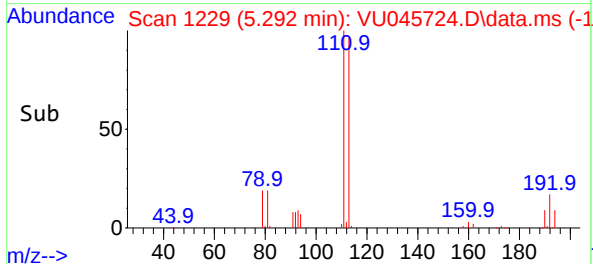
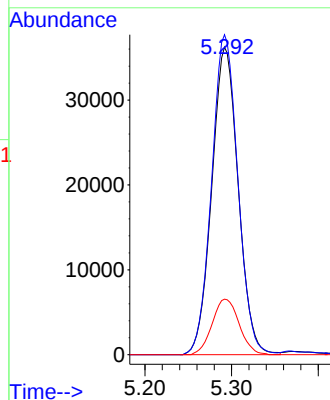
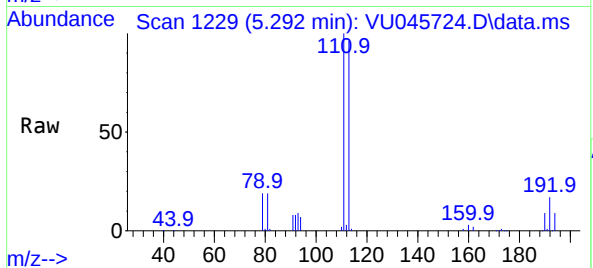




#35
Dibromofluoromethane
Concen: 51.820 ug/l
RT: 5.292 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045724.D
Acq: 11 Nov 2021 05:59

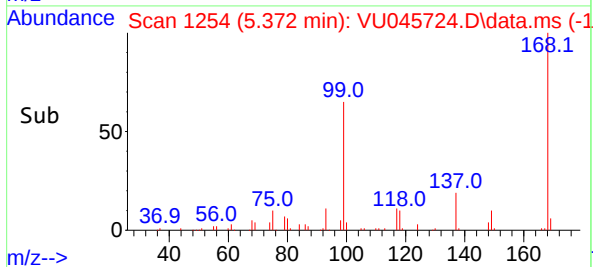
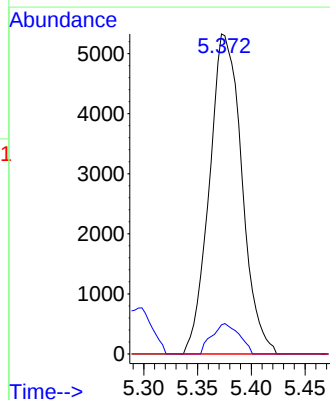
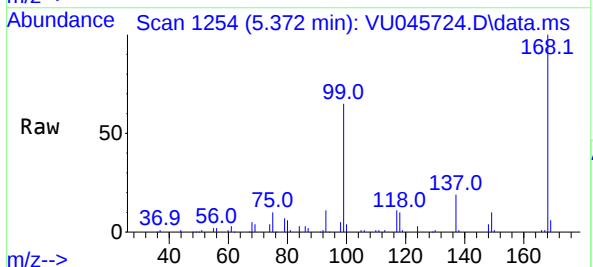
Instrument :
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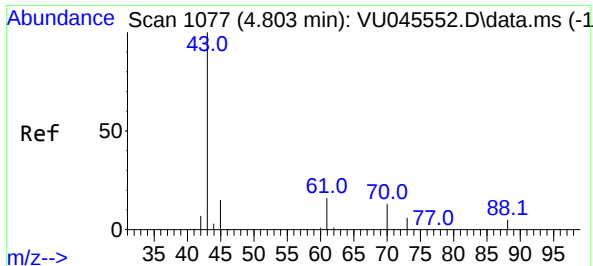
Tgt Ion:	113	Resp:	76888
Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.8	124.2
192	18.4	14.8	22.2



#36
1,1-Dichloropropene
Concen: 5.158 ug/l
RT: 5.372 min Scan# 1254
Delta R.T. -0.157 min
Lab File: VU045724.D
Acq: 11 Nov 2021 05:59

Tgt Ion:	75	Resp:	11178
Ion	Ratio	Lower	Upper
75	100		
110	8.0	16.7	50.0#
77	0.0	25.0	37.4#





#37

Ethyl Acetate

Concen: 0.328 ug/l

RT: 4.719 min Scan# 1051

Delta R.T. -0.084 min

Lab File: VU045724.D

Acq: 11 Nov 2021 05:59

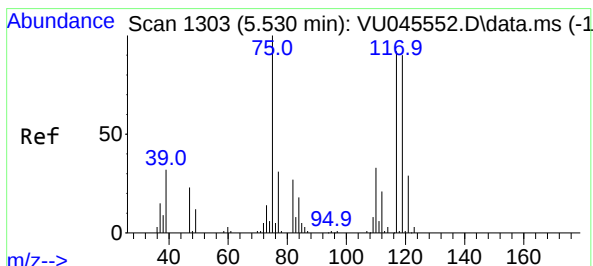
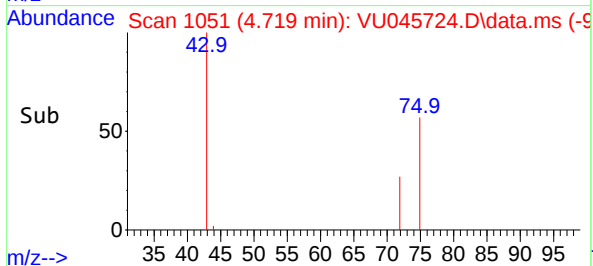
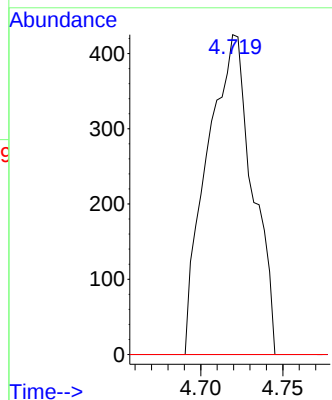
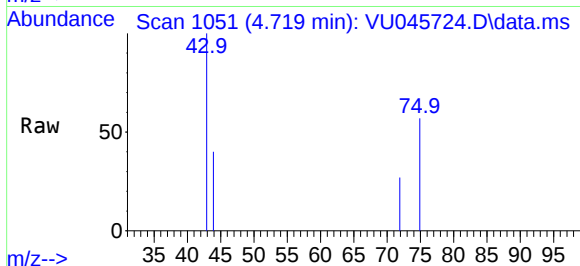
Instrument :

MSVOA_U

ClientSampleId :

VVE-B19-110821-GW

Tgt Ion: 43	Resp:	816
Ion	Ratio	Lower Upper
43	100	
61	0.0	11.6 17.4#
70	0.0	9.1 13.7#



#38

Carbon Tetrachloride

Concen: 5.744 ug/l

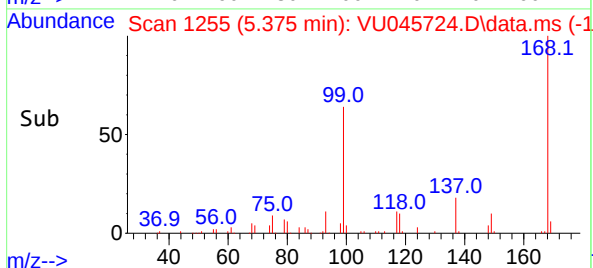
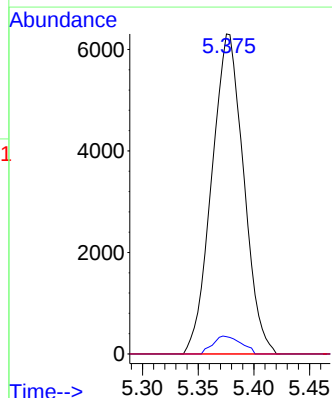
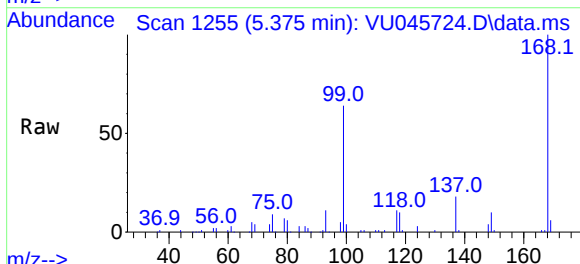
RT: 5.375 min Scan# 1255

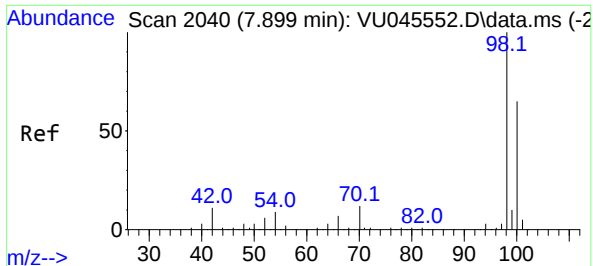
Delta R.T. -0.154 min

Lab File: VU045724.D

Acq: 11 Nov 2021 05:59

Tgt Ion: 117	Resp:	12548
Ion	Ratio	Lower Upper
117	100	
119	5.4	77.4 116.0#
121	0.0	24.8 37.2#

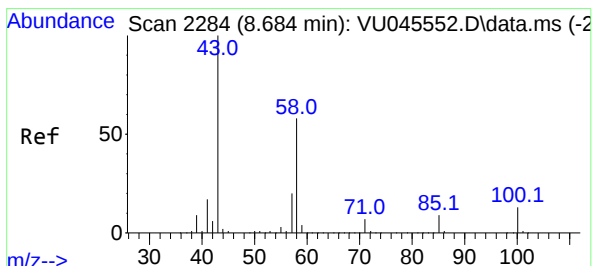
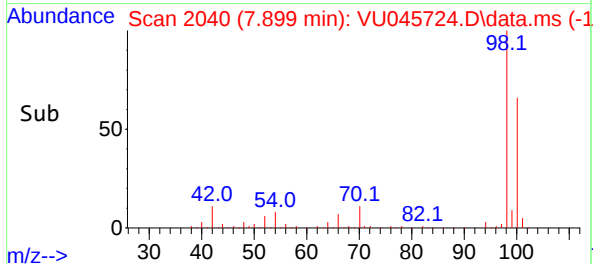
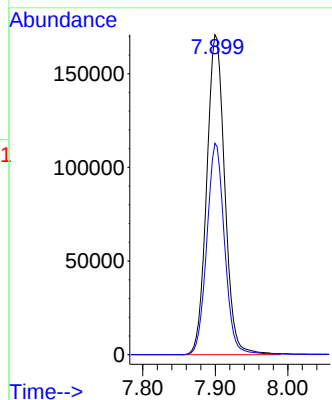
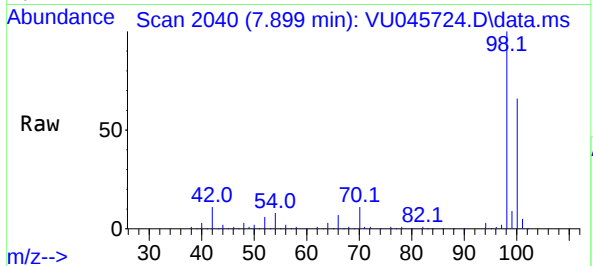




#50
Toluene-d8
Concen: 53.486 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VU045724.D
Acq: 11 Nov 2021 05:59

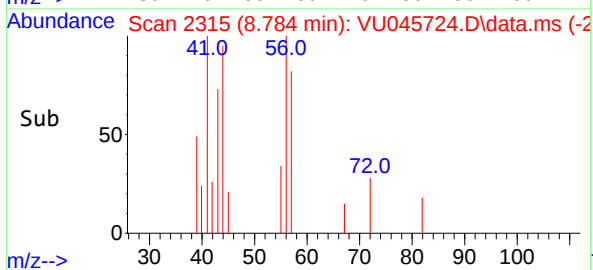
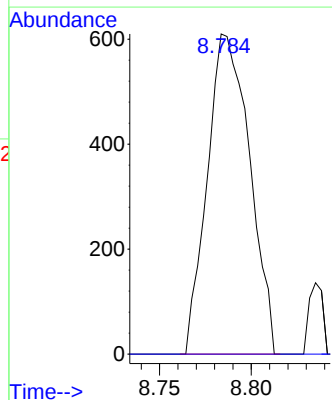
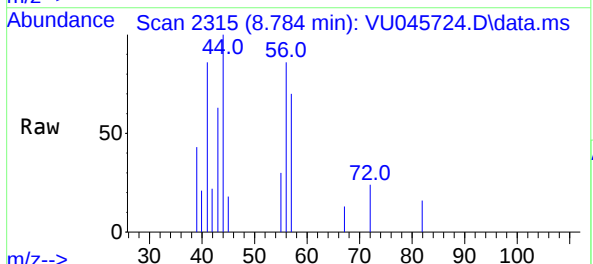
Instrument :
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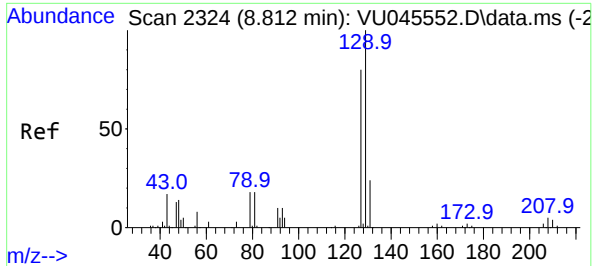
Tgt Ion: 98 Resp: 295097
Ion Ratio Lower Upper
98 100
100 65.1 52.5 78.7



#59
2-Hexanone
Concen: 7.970 ug/l
RT: 8.784 min Scan# 2315
Delta R.T. 0.100 min
Lab File: VU045724.D
Acq: 11 Nov 2021 05:59

Tgt Ion: 43 Resp: 980
Ion Ratio Lower Upper
43 100
58 0.0 29.5 88.6#

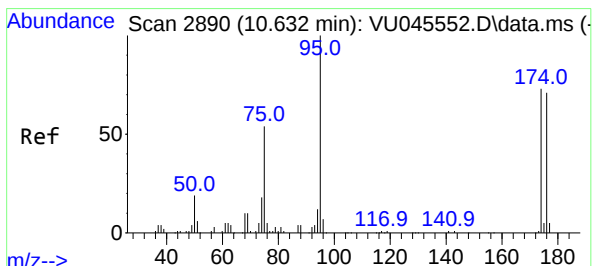
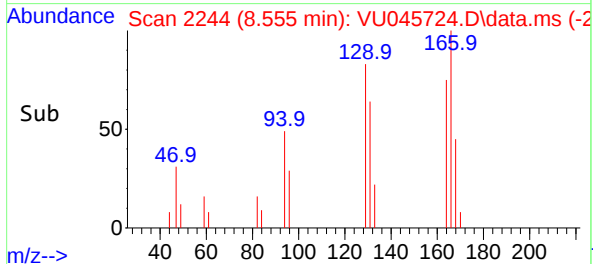
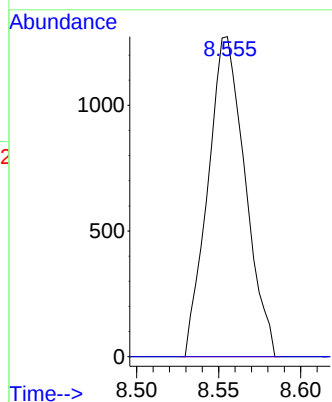
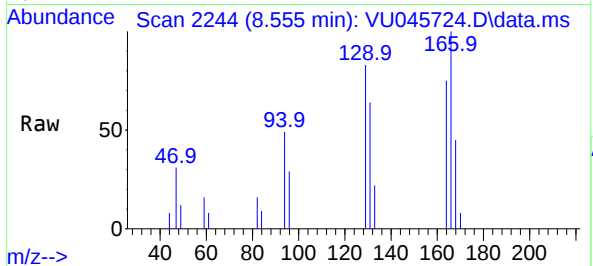




#60
Dibromochloromethane
Concen: 1.183 ug/l
RT: 8.555 min Scan# 211
Delta R.T. -0.257 min
Lab File: VU045724.D
Acq: 11 Nov 2021 05:59

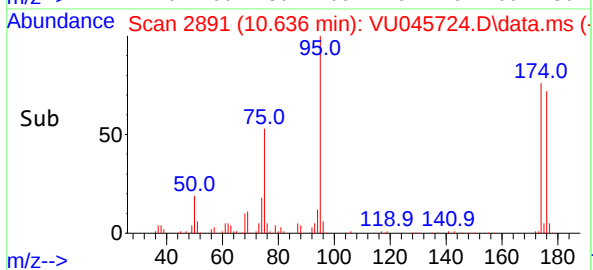
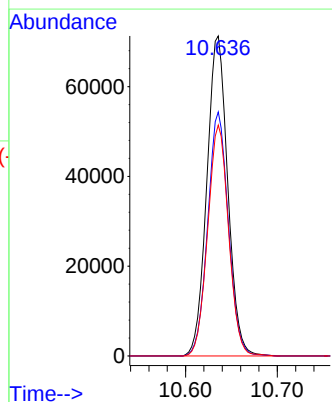
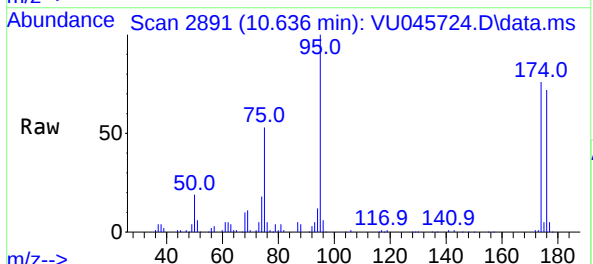
Instrument :
MSVOA_U
ClientSampleId :
VWE-B19-110821-GW

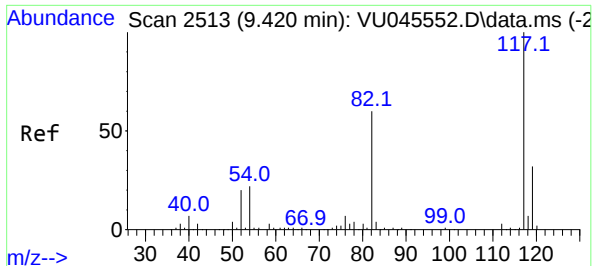
Tgt Ion:129 Resp: 2006
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.3#



#62
4-Bromofluorobenzene
Concen: 51.097 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.003 min
Lab File: VU045724.D
Acq: 11 Nov 2021 05:59

Tgt Ion: 95 Resp: 113048
Ion Ratio Lower Upper
95 100
174 75.4 0.0 141.8
176 71.9 0.0 138.2

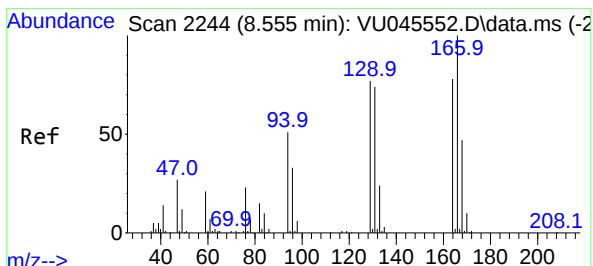
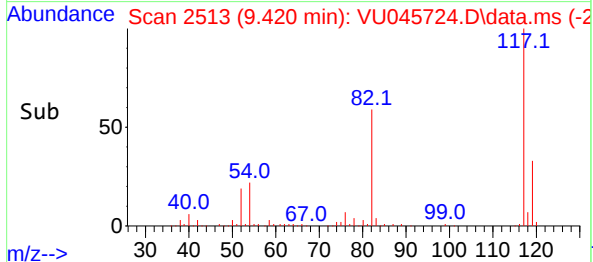
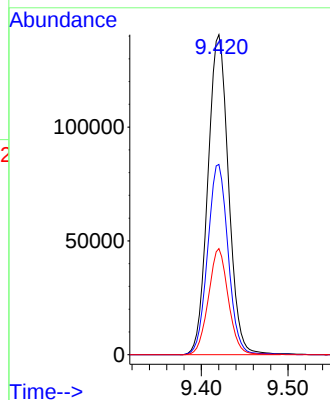
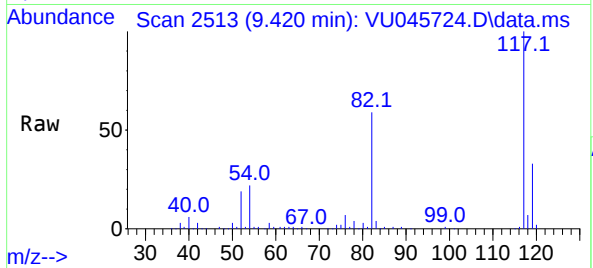




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU045724.D
Acq: 11 Nov 2021 05:59

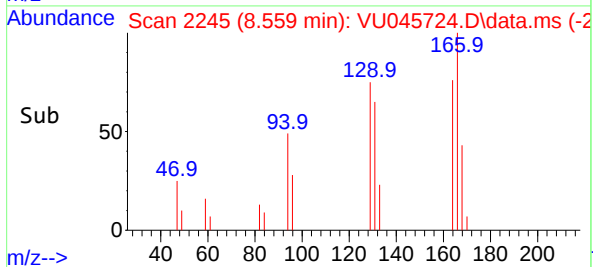
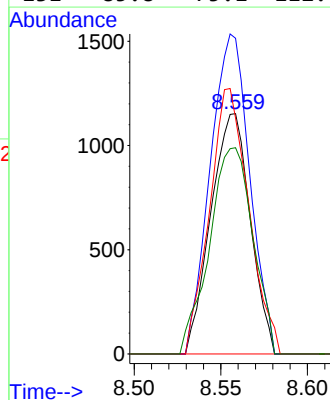
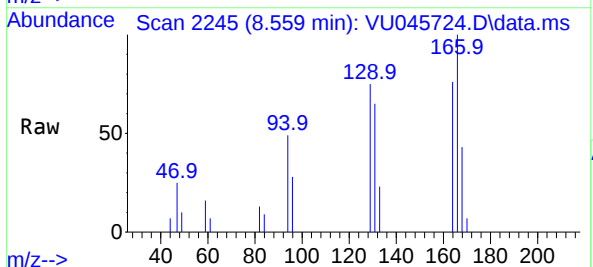
Instrument :
MSVOA_U
ClientSampleId :
VWE-B19-110821-GW

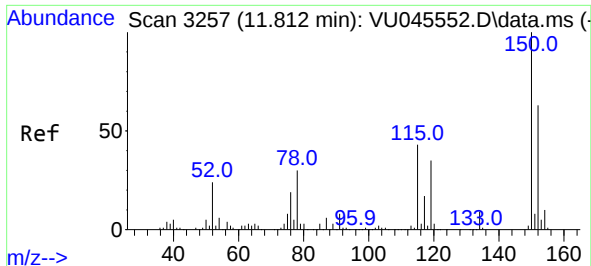
Tgt Ion:117 Resp: 232887
Ion Ratio Lower Upper
117 100
82 59.4 47.8 71.8
119 33.1 25.8 38.8



#64
Tetrachloroethene
Concen: 1.364 ug/l
RT: 8.559 min Scan# 2245
Delta R.T. 0.003 min
Lab File: VU045724.D
Acq: 11 Nov 2021 05:59

Tgt Ion:164 Resp: 1823
Ion Ratio Lower Upper
164 100
166 131.3 102.2 153.4
129 98.1 78.2 117.4
131 85.8 75.1 112.7

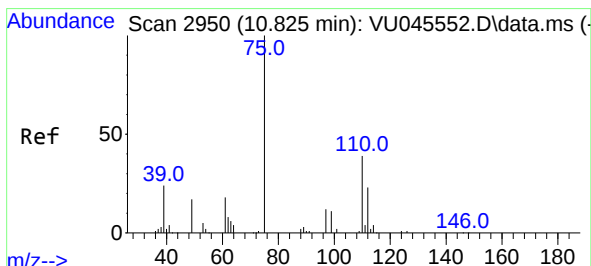
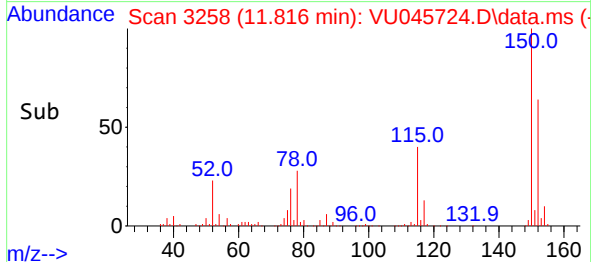
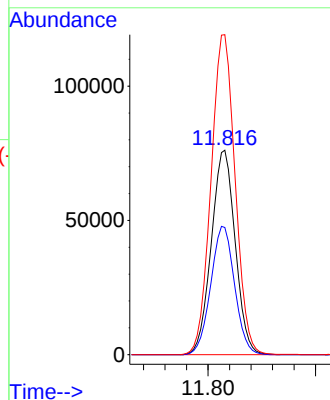
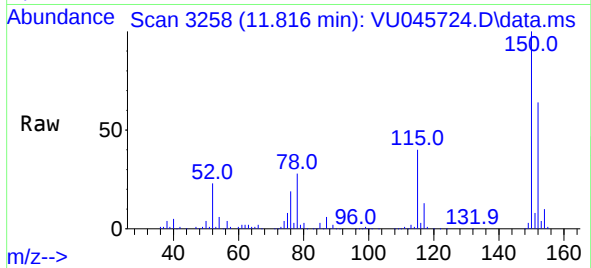




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.816 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU045724.D
Acq: 11 Nov 2021 05:59

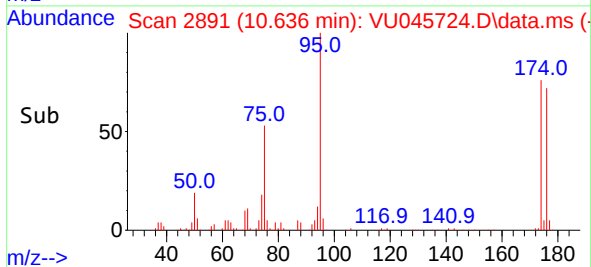
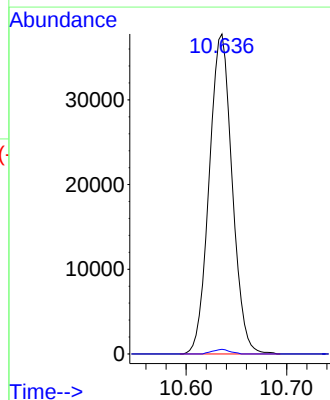
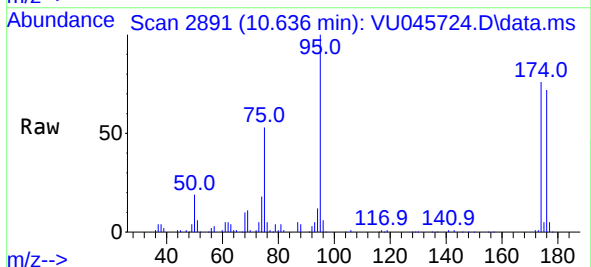
Instrument :
MSVOA_U
ClientSampleId :
VWE-B19-110821-GW

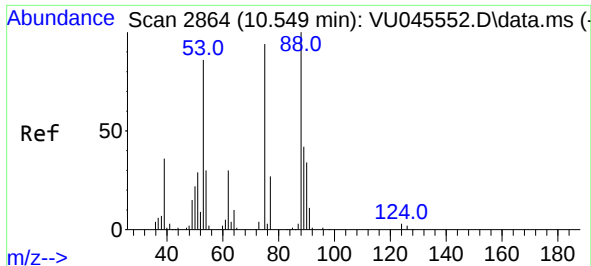
Tgt Ion:152 Resp: 117607
Ion Ratio Lower Upper
152 100
115 62.6 42.7 128.1
150 157.8 0.0 346.8



#76
1,2,3-Trichloropropane
Concen: 16.814 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. -0.190 min
Lab File: VU045724.D
Acq: 11 Nov 2021 05:59

Tgt Ion: 75 Resp: 59966
Ion Ratio Lower Upper
75 100
77 1.1 17.1 51.3#

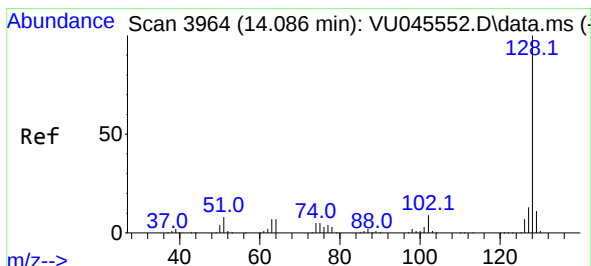
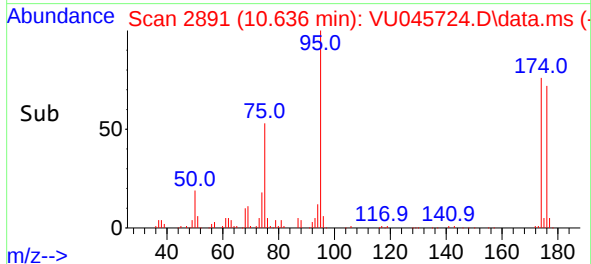
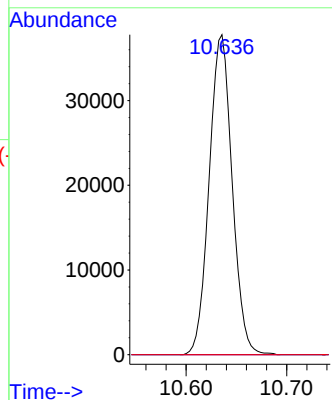
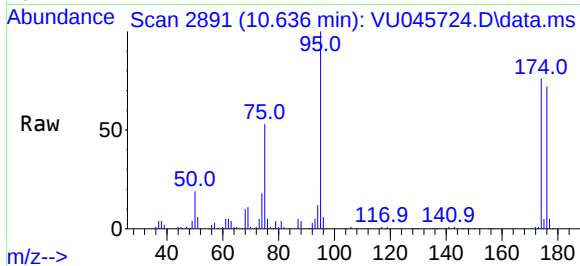




#81
trans-1,4-Dichloro-2-butene
Concen: 54.776 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.087 min
Lab File: VU045724.D
Acq: 11 Nov 2021 05:59

Instrument :
MSVOA_U
ClientSampleId :
VWE-B19-110821-GW

Tgt Ion: 75 Resp: 59966
Ion Ratio Lower Upper
75 100
53 0.0 76.2 114.4#
89 0.0 34.0 51.0#



#95
Naphthalene
Concen: 1.076 ug/l
RT: 14.086 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU045724.D
Acq: 11 Nov 2021 05:59

Tgt Ion: 128 Resp: 458
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 0.0 8.6 13.0#

