

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110821\
 Data File : VU045620.D
 Acq On : 08 Nov 2021 17:04
 Operator : SY/MD
 Sample : M4504-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RW8-MW01D2-20211103

Quant Time: Nov 09 09:59:25 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)

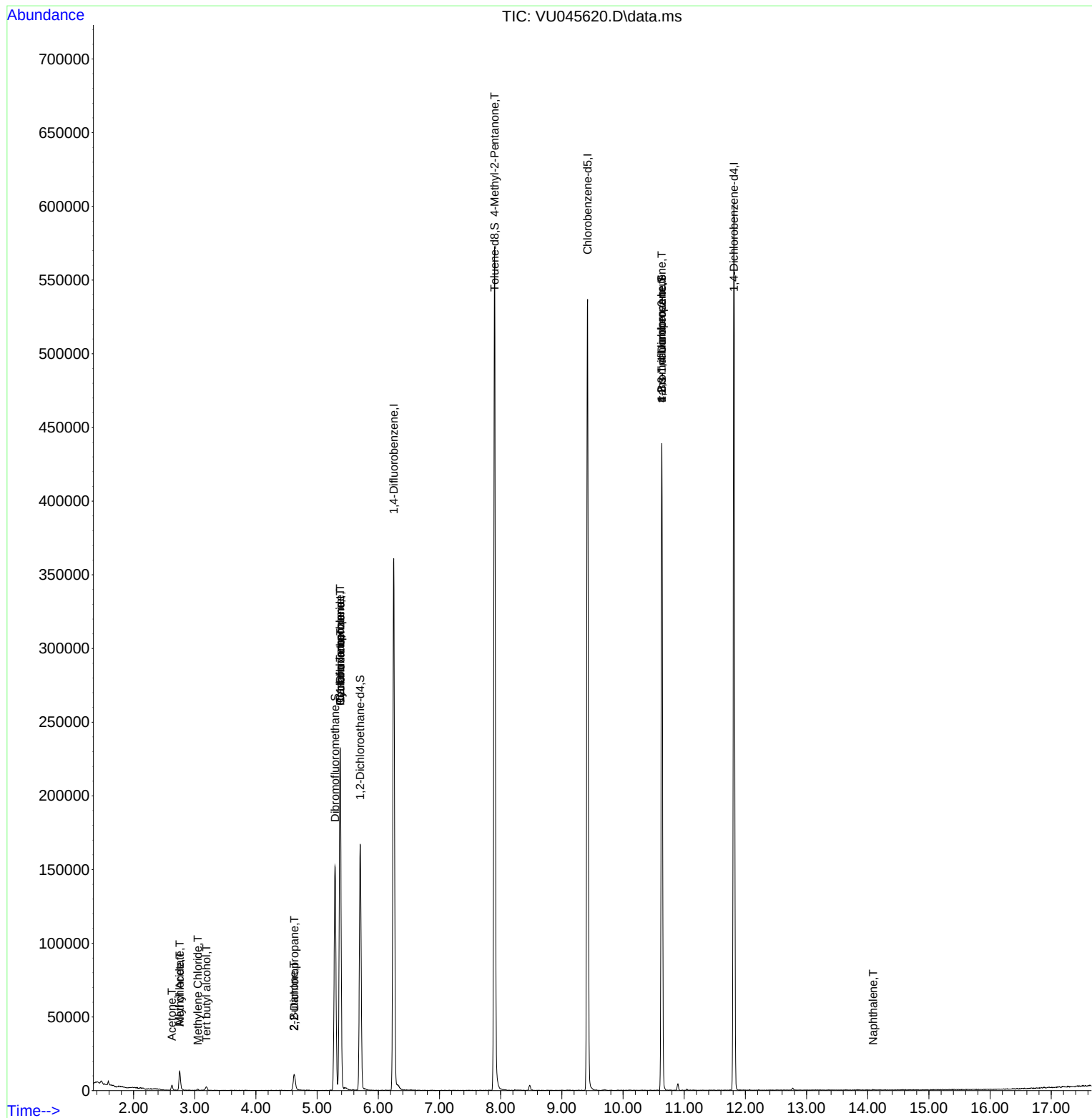
Internal Standards						
1) Pentafluorobenzene	5.379	168	155227	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	291498	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	295528	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	150831	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	124451	53.534	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.060%			
35) Dibromofluoromethane	5.292	113	98083	50.398	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.800%			
50) Toluene-d8	7.899	98	381092	52.660	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.320%			
62) 4-Bromofluorobenzene	10.632	95	148857	51.296	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.600%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	3.192	59	1939	4.214	ug/l #	72
14) Allyl chloride	2.755	41	1349	0.442	ug/l #	67
16) Acetone	2.626	43	4038	3.412	ug/l	100
18) Methyl Acetate	2.755	43	3592	0.891	ug/l #	50
20) Methylene Chloride	3.051	84	439	0.213	ug/l #	83
25) 2-Butanone	4.620	43	347	0.211	ug/l #	47
26) 2,2-Dichloropropane	4.629	77	646	0.218	ug/l #	53
31) Cyclohexane	5.379	56	3226	0.951	ug/l #	1
36) 1,1-Dichloropropene	5.375	75	13491	4.746	ug/l #	50
38) Carbon Tetrachloride	5.375	117	16664	5.815	ug/l #	16
51) 4-Methyl-2-Pentanone	7.903	43	1541	0.468	ug/l #	1
76) 1,2,3-Trichloropropane	10.632	75	76310	16.683	ug/l #	42
81) trans-1,4-Dichloro-2-b...	10.632	75	76310	54.375	ug/l #	12
95) Naphthalene	14.089	128	352	1.057	ug/l #	69

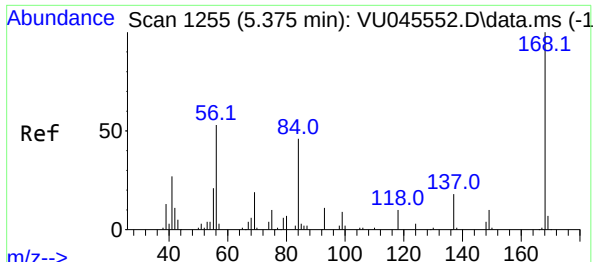
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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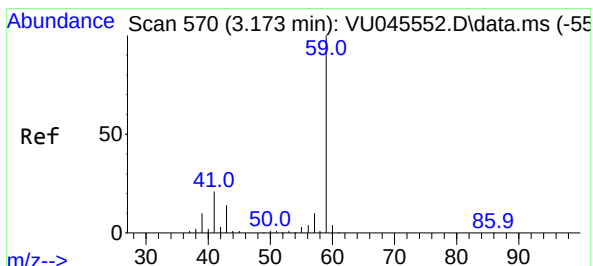
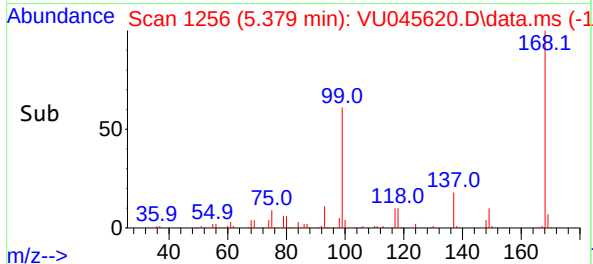
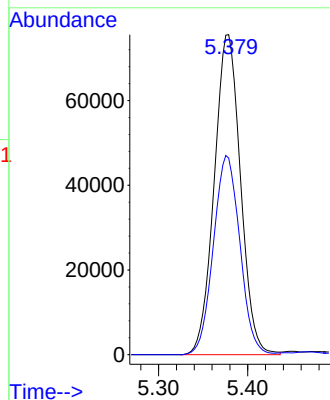
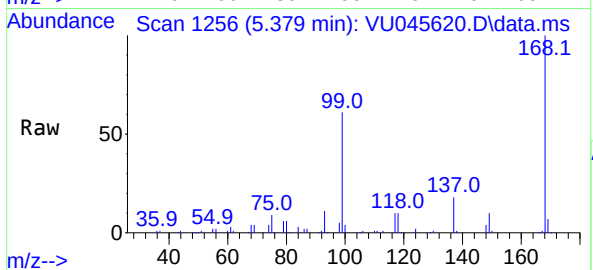




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.379 min Scan# 11
Delta R.T. 0.004 min
Lab File: VU045620.D
Acq: 08 Nov 2021 17:04

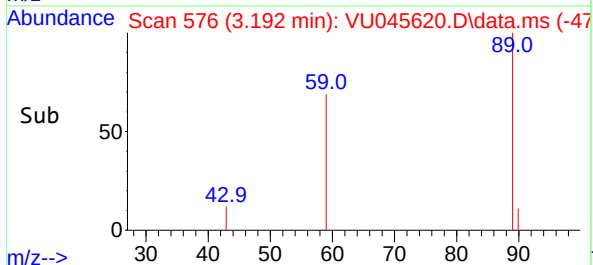
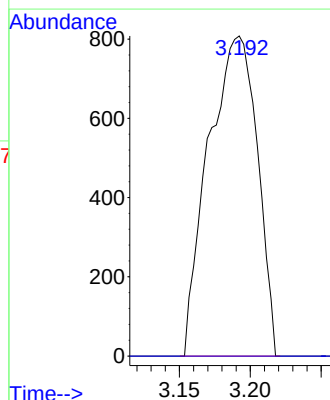
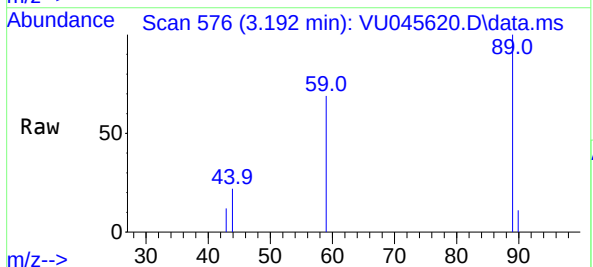
Instrument :
MSVOA_U
ClientSampleId :
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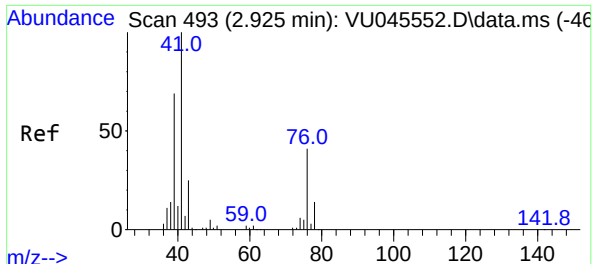
Tgt Ion:168 Resp: 155227
Ion Ratio Lower Upper
168 100
99 61.4 51.0 76.6



#11
Tert butyl alcohol
Concen: 4.214 ug/l
RT: 3.192 min Scan# 576
Delta R.T. 0.019 min
Lab File: VU045620.D
Acq: 08 Nov 2021 17:04

Tgt Ion: 59 Resp: 1939
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

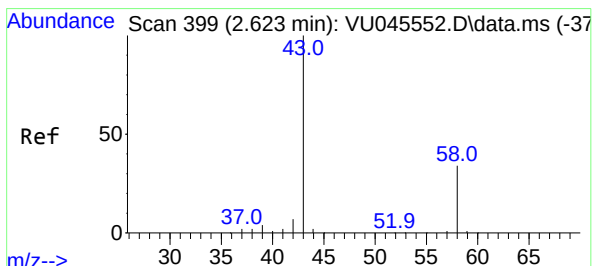
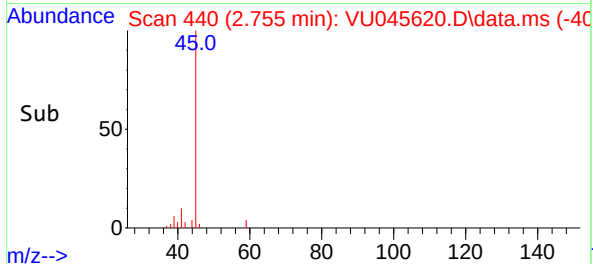
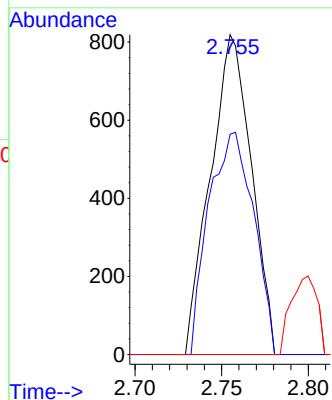
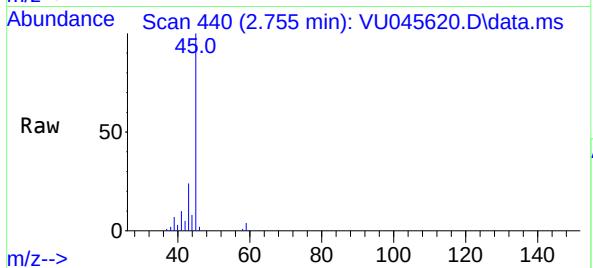




#14
 Allyl chloride
 Concen: 0.442 ug/l
 RT: 2.755 min Scan# 41
 Delta R.T. -0.170 min
 Lab File: VU045620.D
 Acq: 08 Nov 2021 17:04

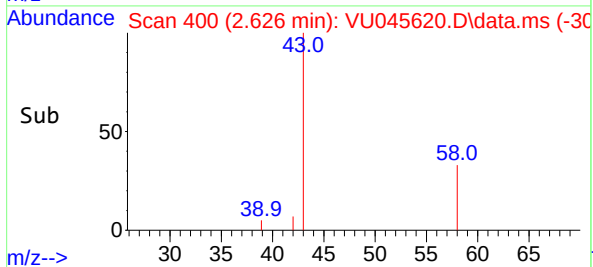
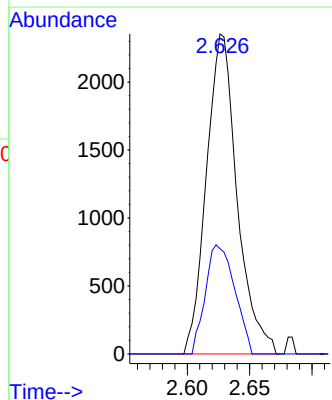
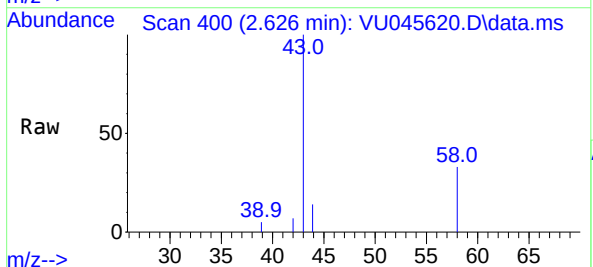
Instrument :
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 ClientSampleId :
 RW8-MW01D2-20211103

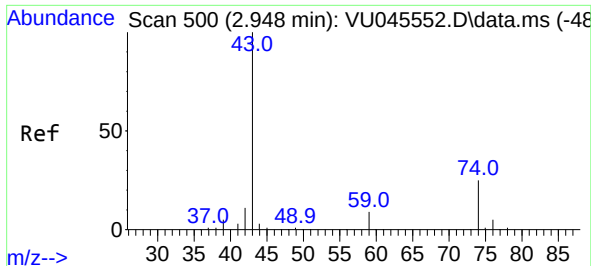
Tgt Ion: 41 Resp: 1349
 Ion Ratio Lower Upper
 41 100
 39 76.1 49.7 74.5#
 76 0.0 27.7 41.5#



#16
 Acetone
 Concen: 3.412 ug/l
 RT: 2.626 min Scan# 400
 Delta R.T. 0.003 min
 Lab File: VU045620.D
 Acq: 08 Nov 2021 17:04

Tgt Ion: 43 Resp: 4038
 Ion Ratio Lower Upper
 43 100
 58 32.9 26.2 39.2

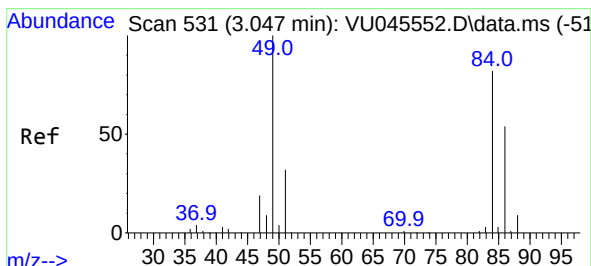
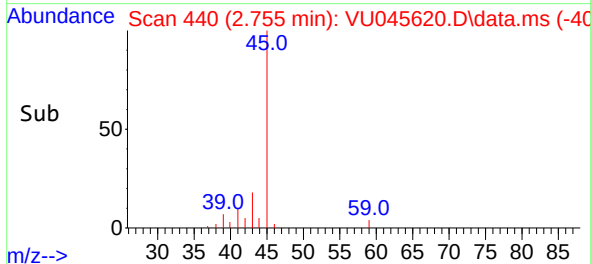
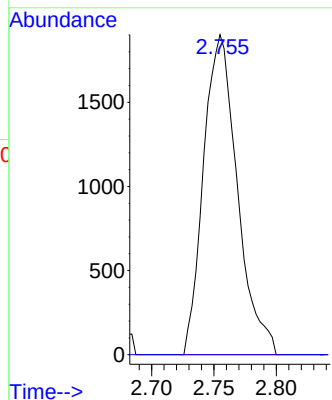
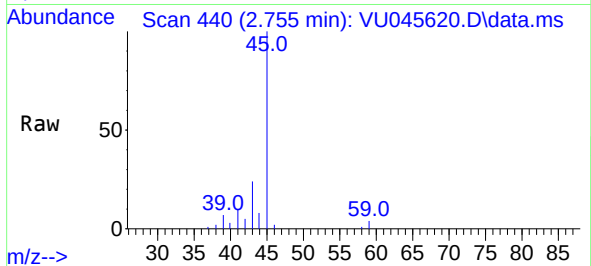




#18
Methyl Acetate
Concen: 0.891 ug/l
RT: 2.755 min Scan# 44
Delta R.T. -0.193 min
Lab File: VU045620.D
Acq: 08 Nov 2021 17:04

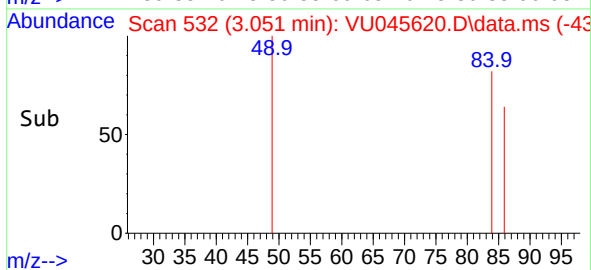
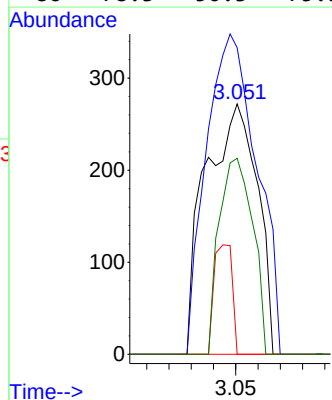
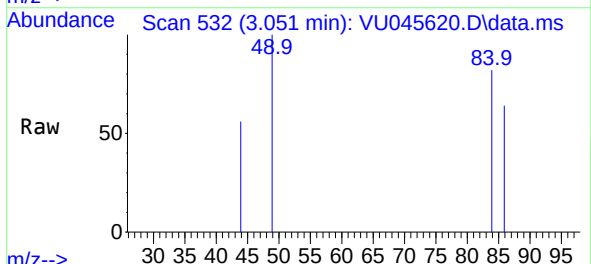
Instrument :
MSVOA_U
ClientSampleId :
RW8-MW01D2-20211103

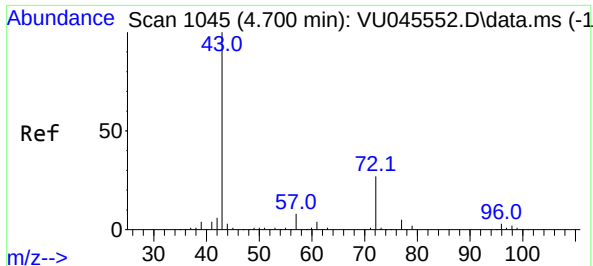
Tgt Ion: 43 Resp: 3592
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#



#20
Methylene Chloride
Concen: 0.213 ug/l
RT: 3.051 min Scan# 532
Delta R.T. 0.003 min
Lab File: VU045620.D
Acq: 08 Nov 2021 17:04

Tgt Ion: 84 Resp: 439
Ion Ratio Lower Upper
84 100
49 122.4 96.4 144.6
51 0.0 30.5 45.7#
86 78.3 50.3 75.5#

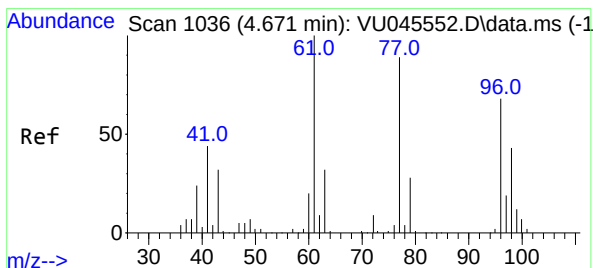
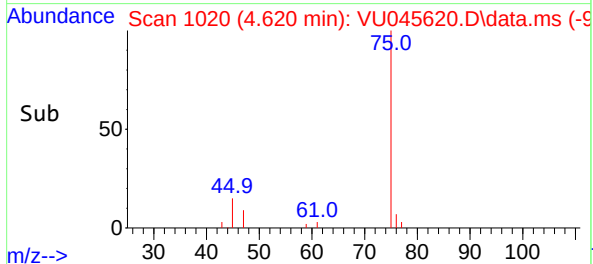
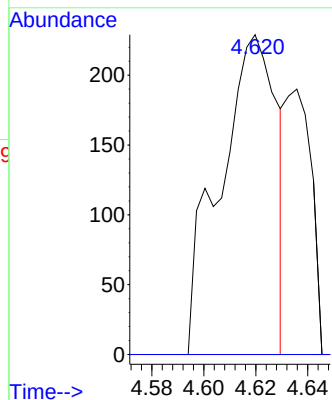
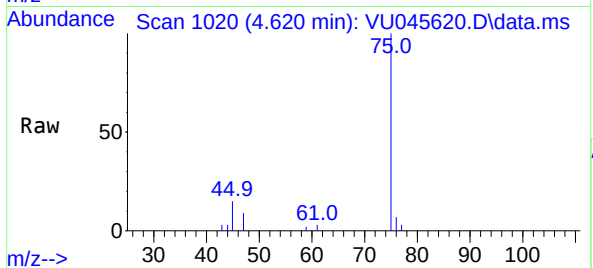




#25
2-Butanone
Concen: 0.211 ug/l
RT: 4.620 min Scan# 1020
Delta R.T. -0.080 min
Lab File: VU045620.D
Acq: 08 Nov 2021 17:04

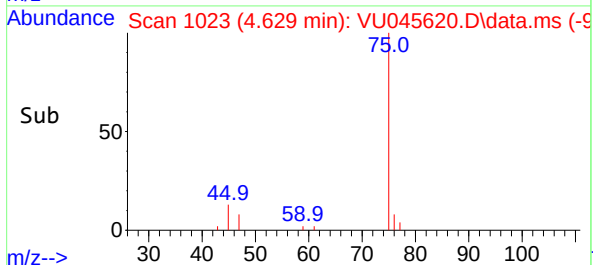
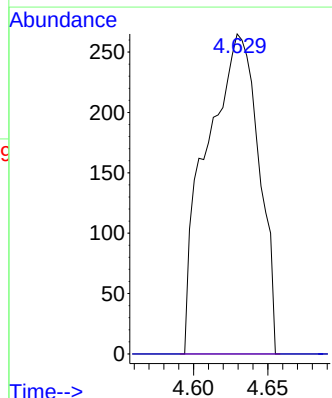
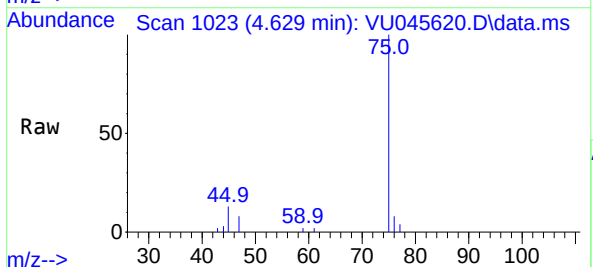
Instrument :
MSVOA_U
ClientSampleId :
RW8-MW01D2-20211103

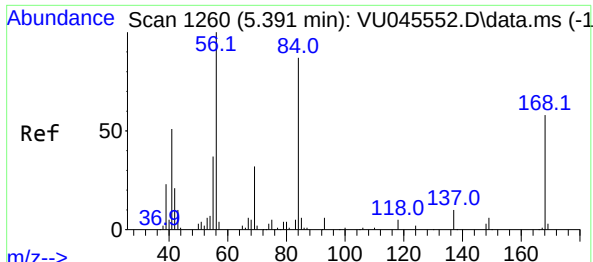
Tgt Ion: 43 Resp: 347
Ion Ratio Lower Upper
43 100
72 0.0 22.0 33.0#



#26
2,2-Dichloropropane
Concen: 0.218 ug/l
RT: 4.629 min Scan# 1023
Delta R.T. -0.042 min
Lab File: VU045620.D
Acq: 08 Nov 2021 17:04

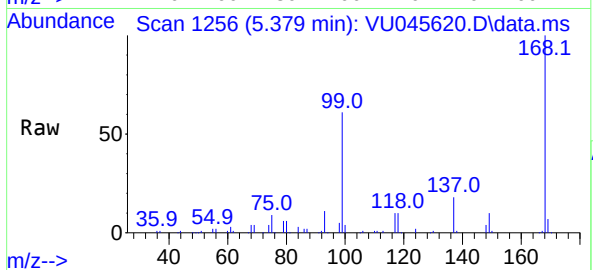
Tgt Ion: 77 Resp: 646
Ion Ratio Lower Upper
77 100
97 0.0 11.4 34.1#



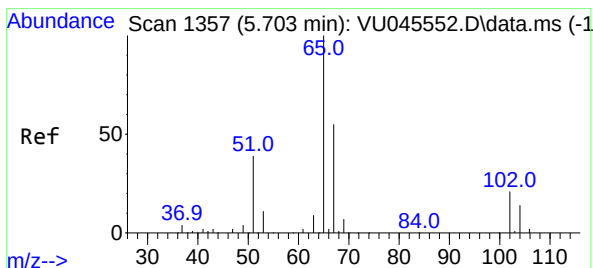
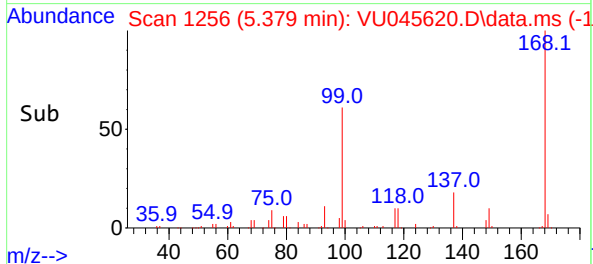
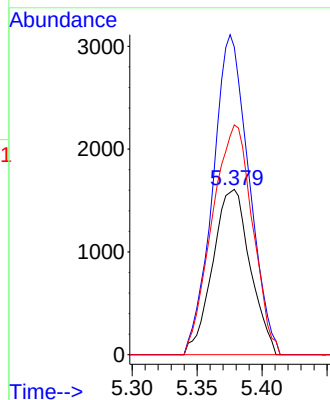


#31
Cyclohexane
Concen: 0.951 ug/l
RT: 5.379 min Scan# 1256
Delta R.T. -0.013 min
Lab File: VU045620.D
Acq: 08 Nov 2021 17:04

Instrument :
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ClientSampleId :
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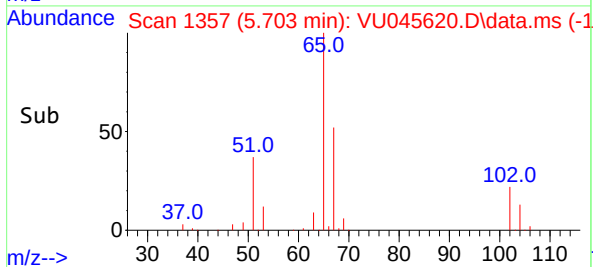
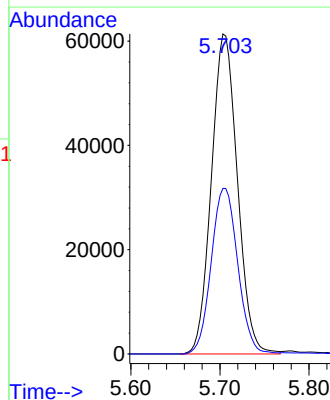
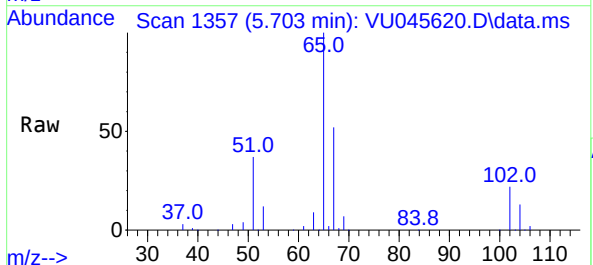


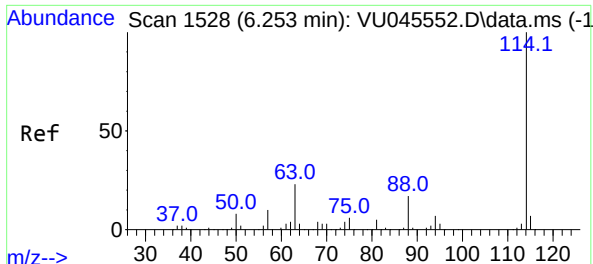
Tgt Ion: 56 Resp: 3226
Ion Ratio Lower Upper
56 100
69 186.1 26.4 39.6#
84 139.1 68.4 102.6#



#33
1,2-Dichloroethane-d4
Concen: 53.534 ug/l
RT: 5.703 min Scan# 1357
Delta R.T. 0.000 min
Lab File: VU045620.D
Acq: 08 Nov 2021 17:04

Tgt Ion: 65 Resp: 124451
Ion Ratio Lower Upper
65 100
67 52.8 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: VU045620.D

Acq: 08 Nov 2021 17:04

Instrument :

MSVOA_U

ClientSampleId :

RW8-MW01D2-20211103

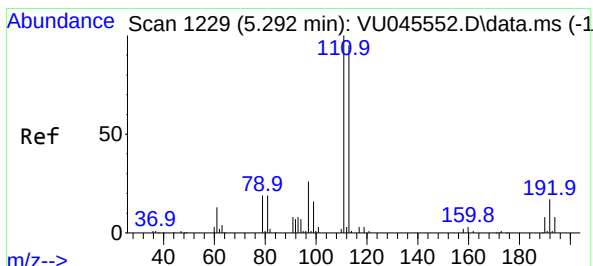
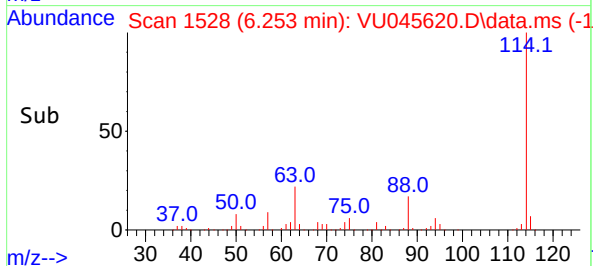
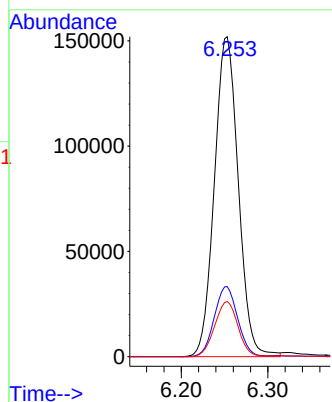
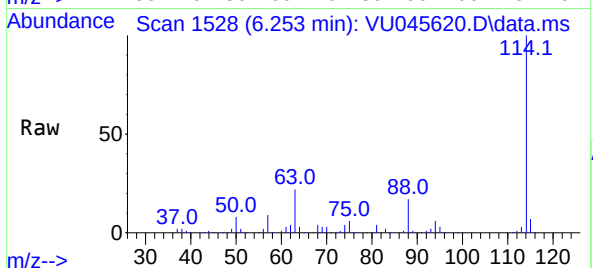
Tgt Ion:114 Resp: 291498

Ion Ratio Lower Upper

114 100

63 21.9 0.0 45.6

88 17.2 0.0 33.8



#35

Dibromofluoromethane

Concen: 50.398 ug/l

RT: 5.292 min Scan# 1229

Delta R.T. 0.000 min

Lab File: VU045620.D

Acq: 08 Nov 2021 17:04

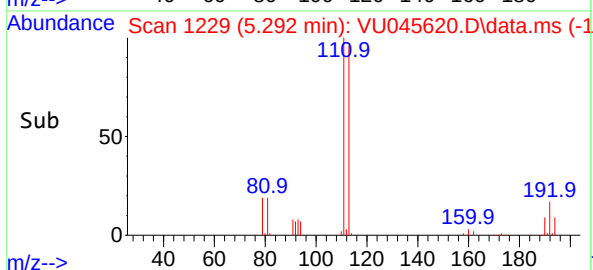
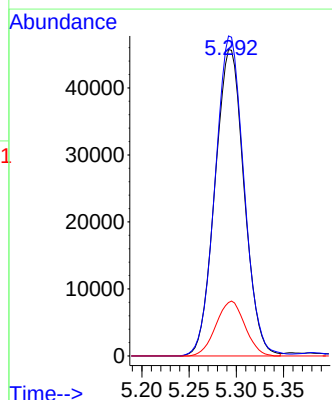
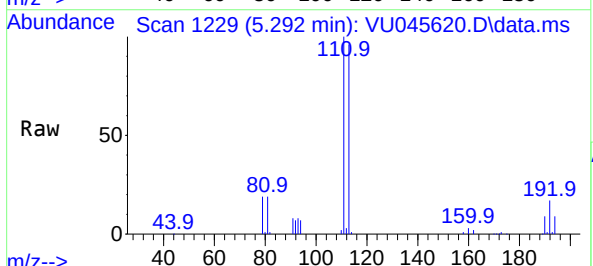
Tgt Ion:113 Resp: 98083

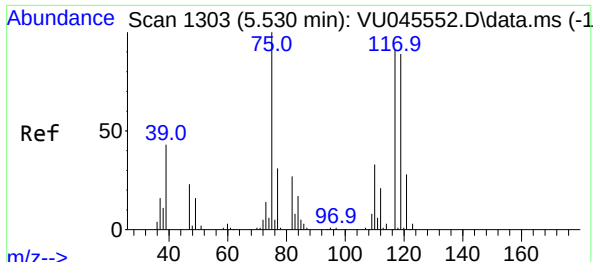
Ion Ratio Lower Upper

113 100

111 103.3 82.8 124.2

192 17.8 14.8 22.2

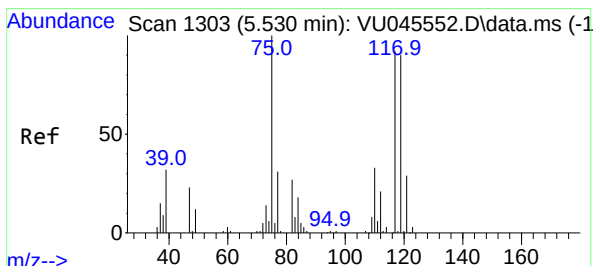
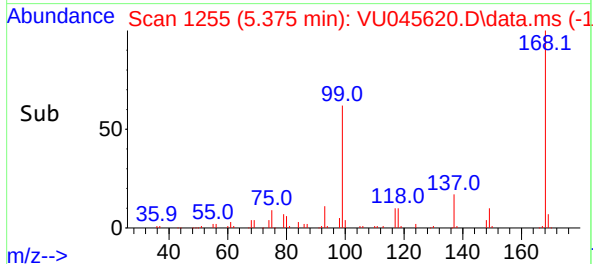
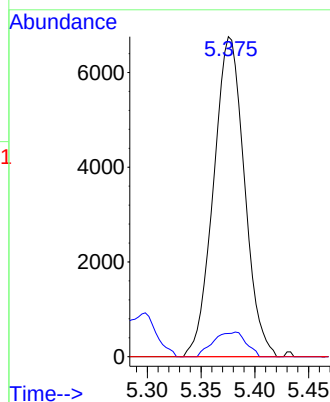
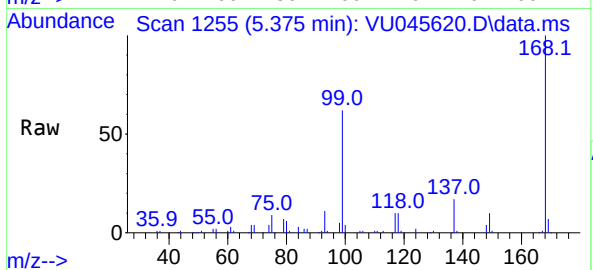




#36
1,1-Dichloropropene
Concen: 4.746 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.154 min
Lab File: VU045620.D
Acq: 08 Nov 2021 17:04

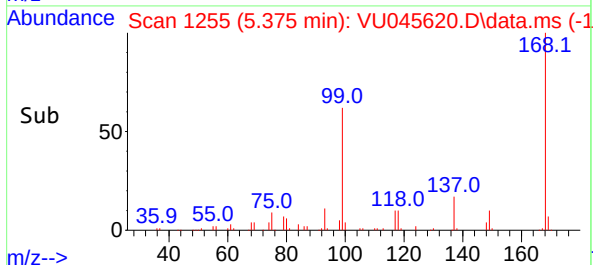
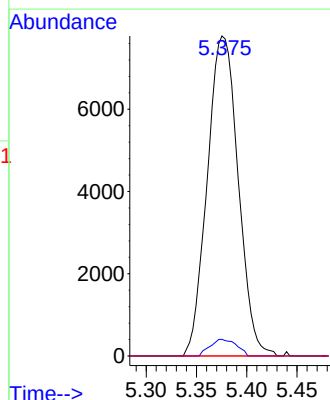
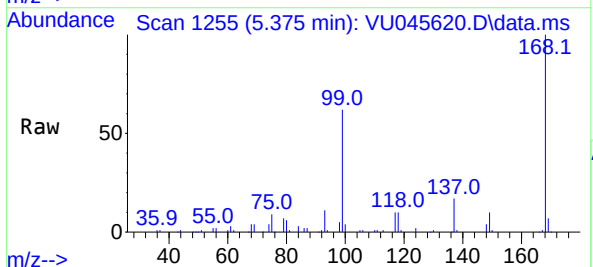
Instrument :
MSVOA_U
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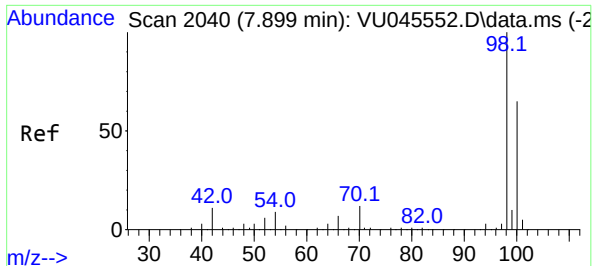
Tgt Ion: 75 Resp: 13491
Ion Ratio Lower Upper
75 100
110 8.1 16.7 50.0#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.815 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.154 min
Lab File: VU045620.D
Acq: 08 Nov 2021 17:04

Tgt Ion: 117 Resp: 16664
Ion Ratio Lower Upper
117 100
119 5.2 77.4 116.0#
121 0.0 24.8 37.2#

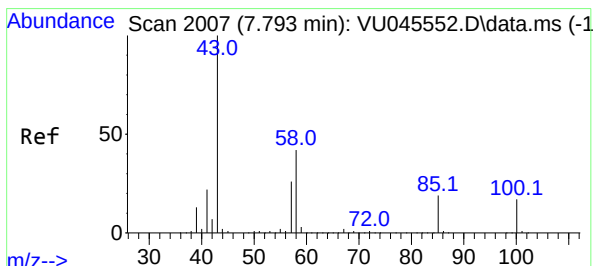
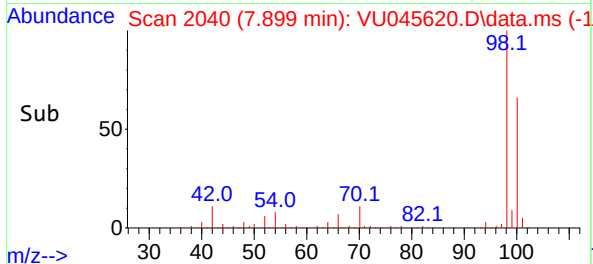
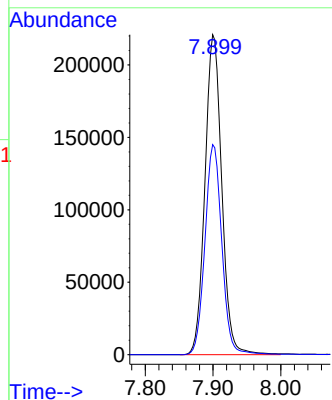
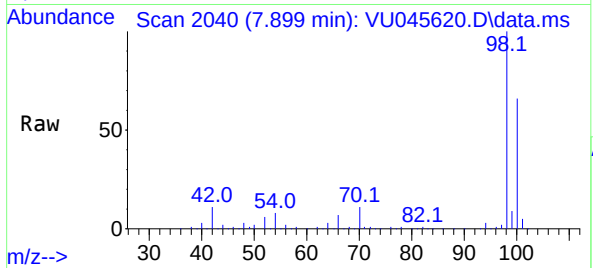




#50
Toluene-d8
Concen: 52.660 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VU045620.D
Acq: 08 Nov 2021 17:04

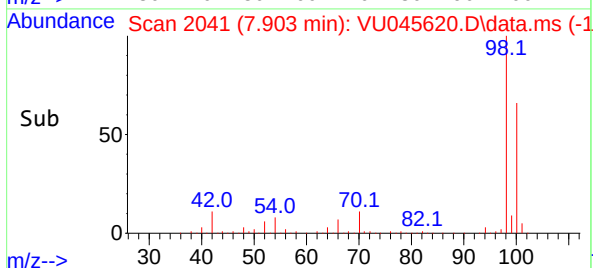
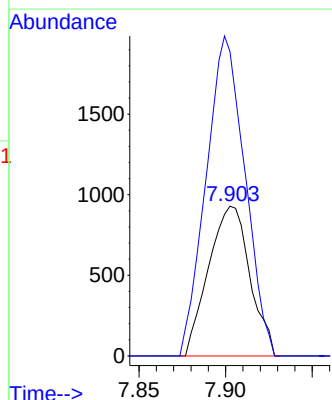
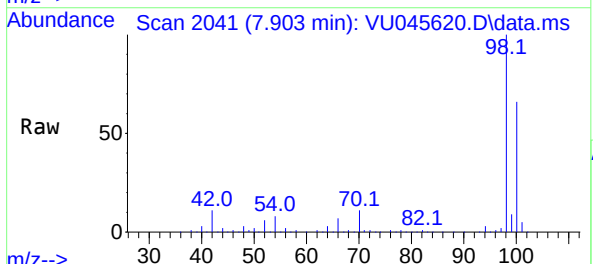
Instrument :
MSVOA_U
ClientSampleId :
RW8-MW01D2-20211103

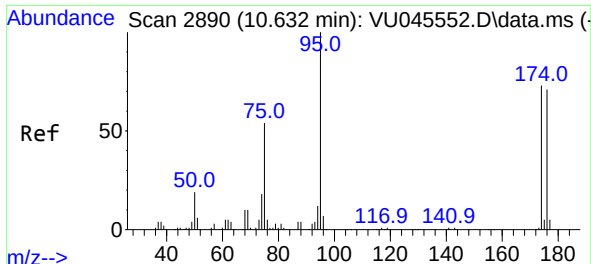
Tgt Ion: 98 Resp: 381092
Ion Ratio Lower Upper
98 100
100 66.0 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.468 ug/l
RT: 7.903 min Scan# 2041
Delta R.T. 0.109 min
Lab File: VU045620.D
Acq: 08 Nov 2021 17:04

Tgt Ion: 43 Resp: 1541
Ion Ratio Lower Upper
43 100
58 200.5 33.8 50.8#

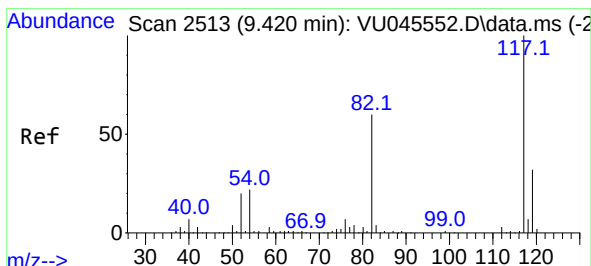
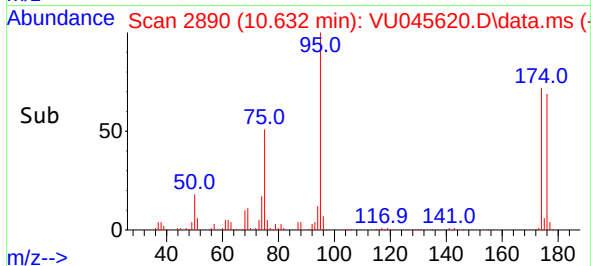
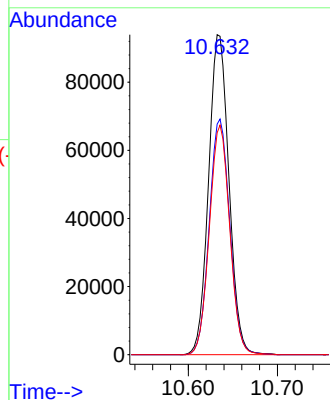
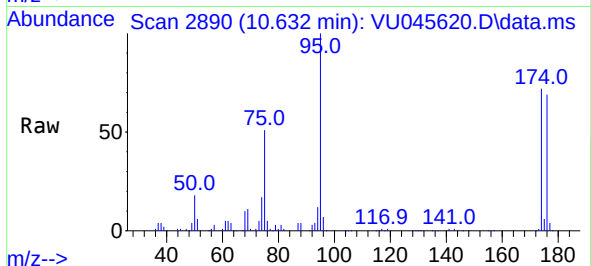




#62
4-Bromofluorobenzene
Concen: 51.296 ug/l
RT: 10.632 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU045620.D
Acq: 08 Nov 2021 17:04

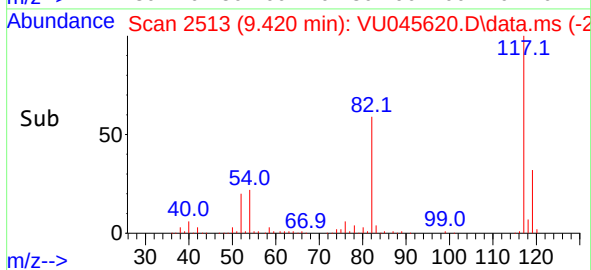
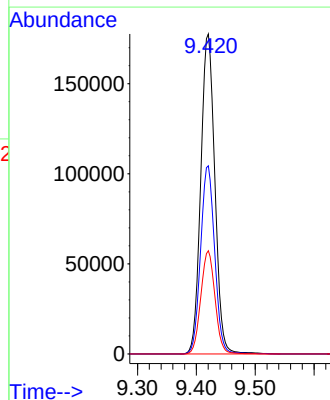
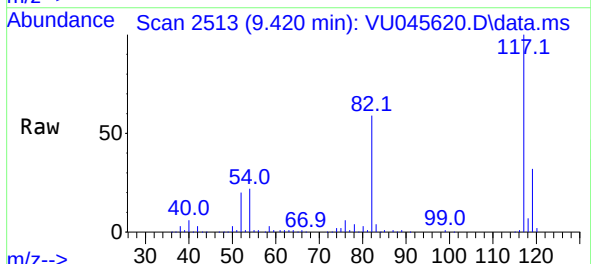
Instrument :
MSVOA_U
ClientSampleId :
RW8-MW01D2-20211103

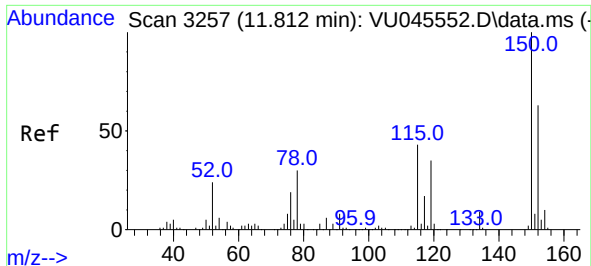
Tgt Ion: 95 Resp: 148857
Ion Ratio Lower Upper
95 100
174 74.4 0.0 141.8
176 71.7 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045620.D
Acq: 08 Nov 2021 17:04

Tgt Ion: 117 Resp: 295528
Ion Ratio Lower Upper
117 100
82 58.8 47.8 71.8
119 32.3 25.8 38.8

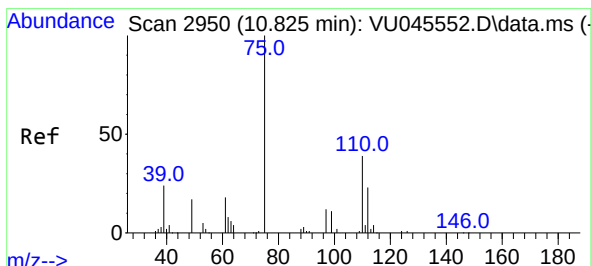
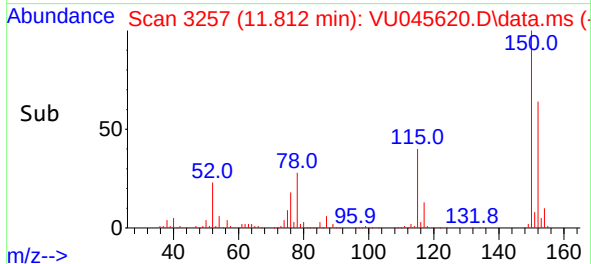
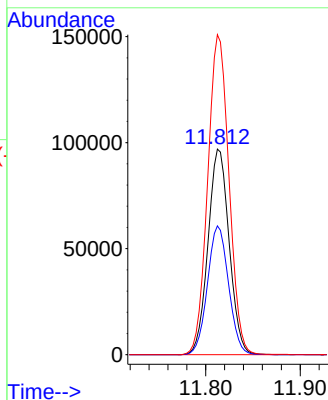
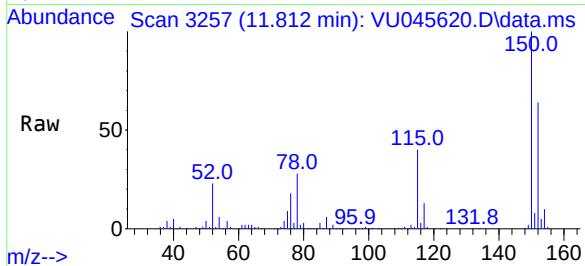




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU045620.D
Acq: 08 Nov 2021 17:04

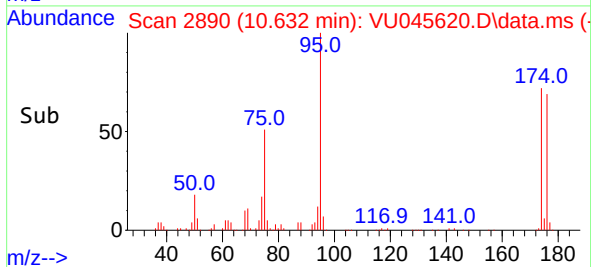
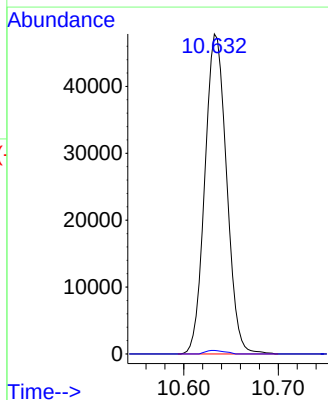
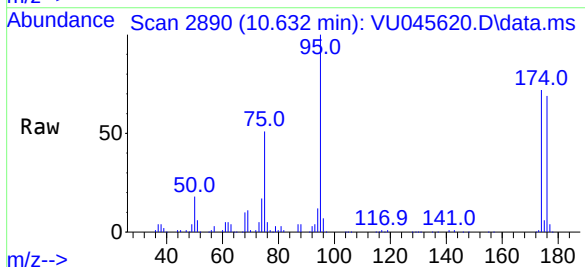
Instrument :
MSVOA_U
ClientSampleId :
RW8-MW01D2-20211103

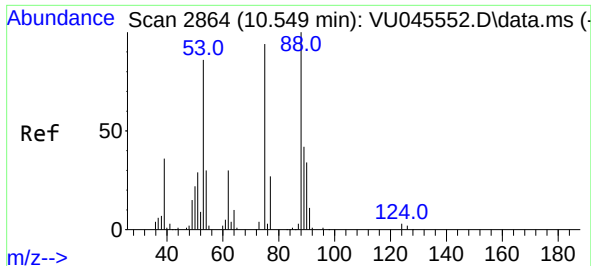
Tgt Ion:152 Resp: 150831
Ion Ratio Lower Upper
152 100
115 62.4 42.7 128.1
150 156.3 0.0 346.8



#76
1,2,3-Trichloropropane
Concen: 16.683 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.193 min
Lab File: VU045620.D
Acq: 08 Nov 2021 17:04

Tgt Ion: 75 Resp: 76310
Ion Ratio Lower Upper
75 100
77 1.0 17.1 51.3#

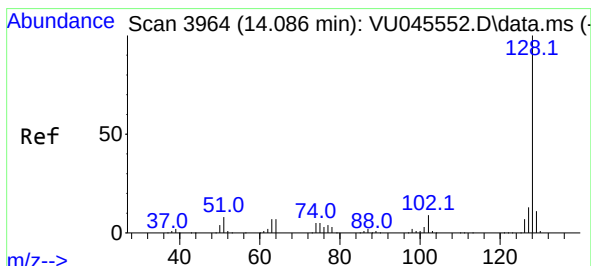
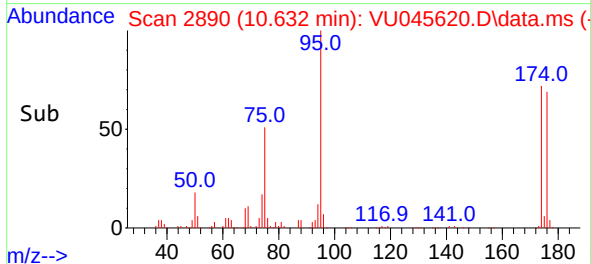
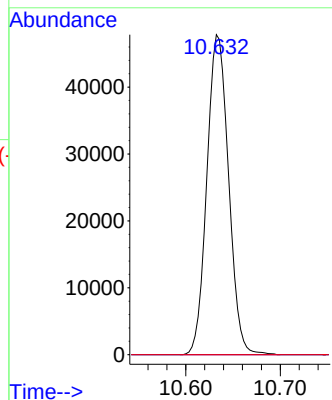
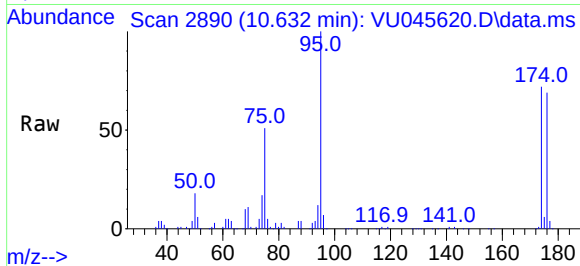




#81
trans-1,4-Dichloro-2-butene
Concen: 54.375 ug/l
RT: 10.632 min Scan# 21
Delta R.T. 0.083 min
Lab File: VU045620.D
Acq: 08 Nov 2021 17:04

Instrument :
MSVOA_U
ClientSampleId :
RW8-MW01D2-20211103

Tgt Ion: 75 Resp: 76310
Ion Ratio Lower Upper
75 100
53 0.0 76.2 114.4#
89 0.0 34.0 51.0#



#95
Naphthalene
Concen: 1.057 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. 0.003 min
Lab File: VU045620.D
Acq: 08 Nov 2021 17:04

Tgt Ion: 128 Resp: 352
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 0.0 8.6 13.0#

