

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110821\
 Data File : VU045619.D
 Acq On : 08 Nov 2021 16:41
 Operator : SY/MD
 Sample : M4523-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
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Quant Time: Nov 09 09:59:06 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)

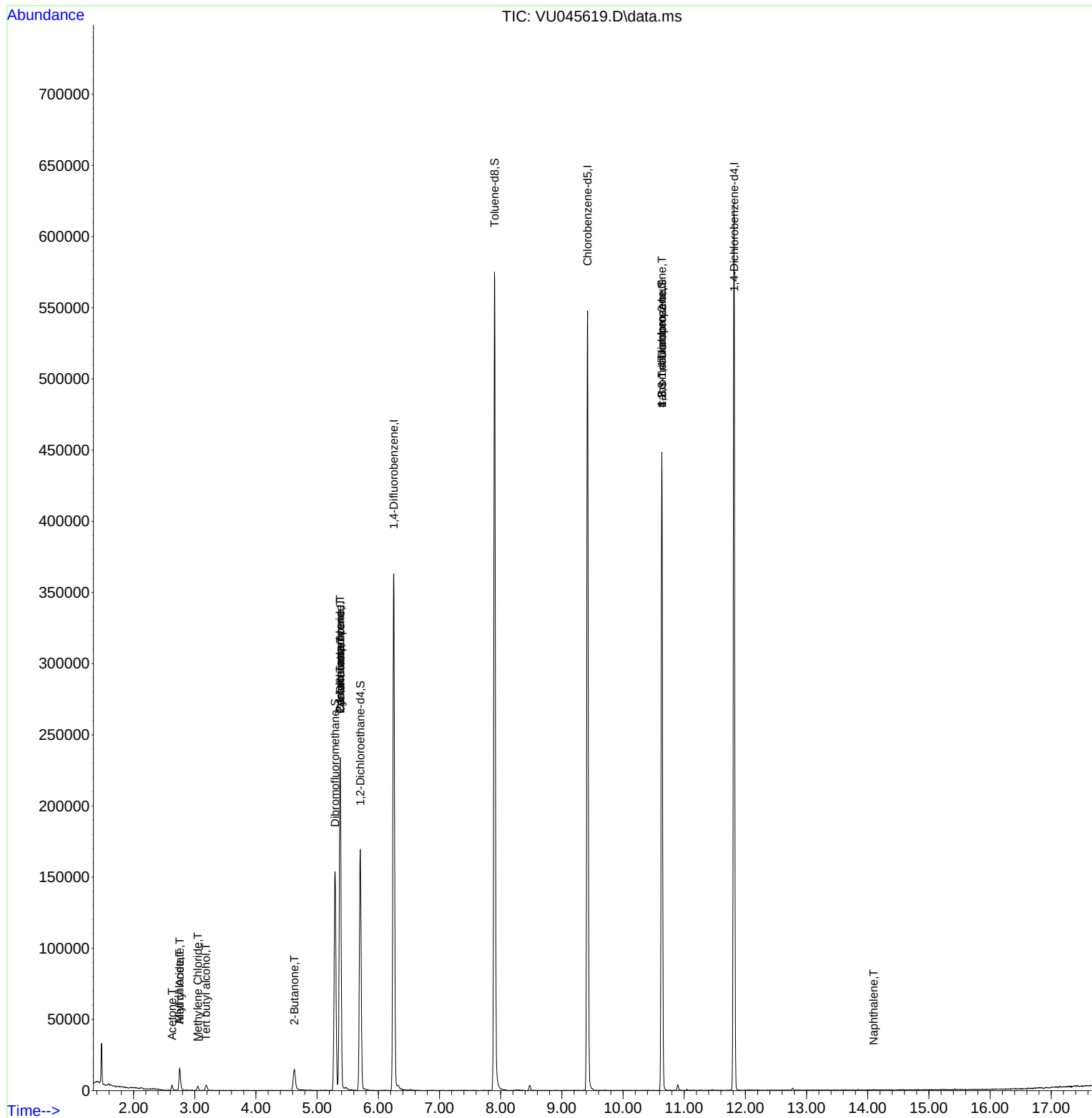
Internal Standards						
1) Pentafluorobenzene	5.378	168	156575	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	298570	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	297193	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	155820	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	125706	53.609	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.220%	
35) Dibromofluoromethane	5.292	113	98550	49.438	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.880%	
50) Toluene-d8	7.899	98	384298	51.845	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 103.700%	
62) 4-Bromofluorobenzene	10.635	95	151540	50.983	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.960%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.182	59	2749	5.923	ug/l #	72
14) Allyl chloride	2.751	41	1574	0.512	ug/l #	71
16) Acetone	2.629	43	4150	3.477	ug/l	95
18) Methyl Acetate	2.755	43	4279	1.052	ug/l #	50
20) Methylene Chloride	3.047	84	1562	0.753	ug/l #	80
25) 2-Butanone	4.626	43	584	0.353	ug/l #	47
31) Cyclohexane	5.378	56	3338	0.976	ug/l #	1
36) 1,1-Dichloropropene	5.375	75	13572	4.662	ug/l #	50
38) Carbon Tetrachloride	5.375	117	16359	5.574	ug/l #	16
76) 1,2,3-Trichloropropane	10.635	75	77738	16.451	ug/l #	42
81) trans-1,4-Dichloro-2-b...	10.635	75	77738	53.660	ug/l #	12
95) Naphthalene	14.095	128	494	1.067	ug/l #	69

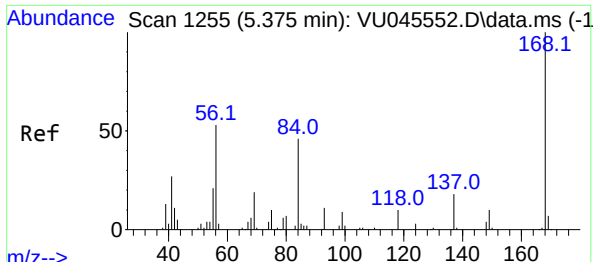
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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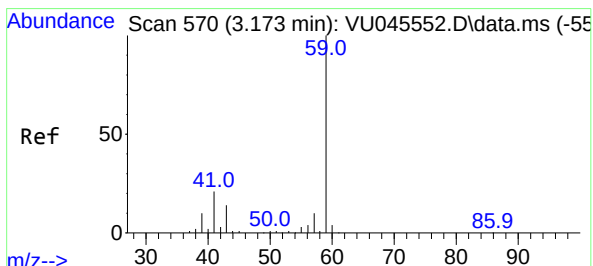
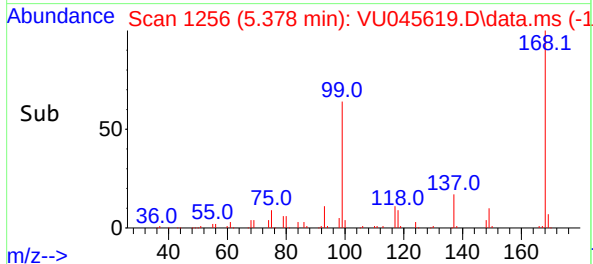
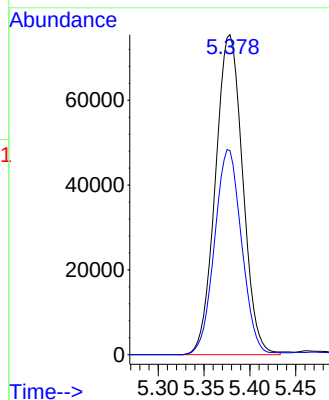
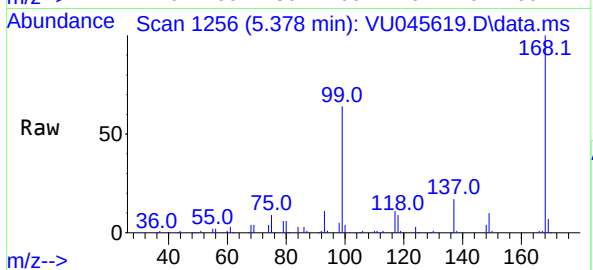




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU045619.D
Acq: 08 Nov 2021 16:41

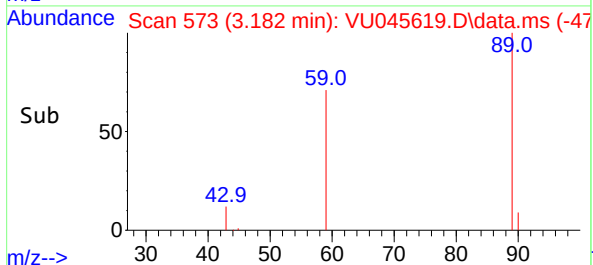
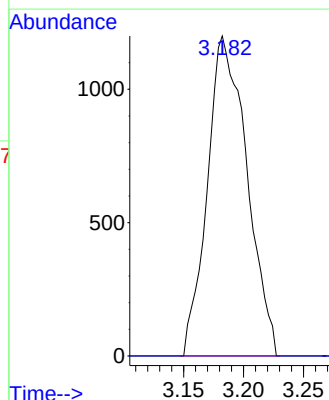
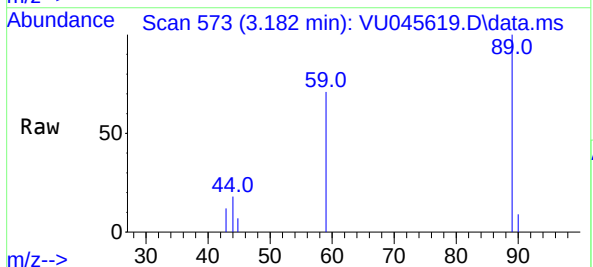
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MSVOA_U
ClientSampleId :
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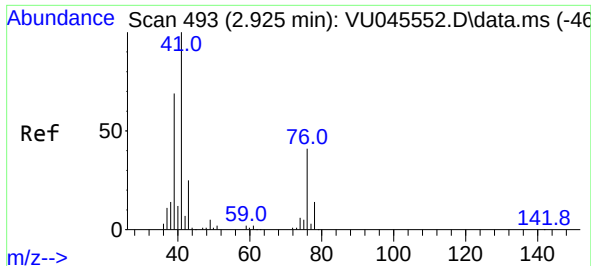
Tgt Ion:168 Resp: 156575
Ion Ratio Lower Upper
168 100
99 63.8 51.0 76.6



#11
Tert butyl alcohol
Concen: 5.923 ug/l
RT: 3.182 min Scan# 573
Delta R.T. 0.009 min
Lab File: VU045619.D
Acq: 08 Nov 2021 16:41

Tgt Ion: 59 Resp: 2749
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

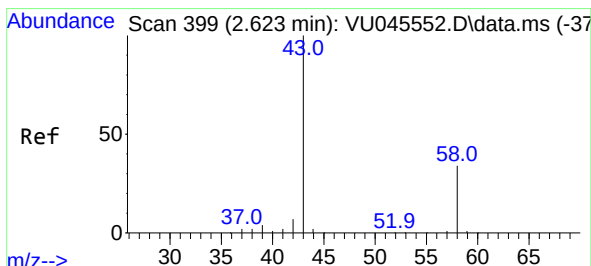
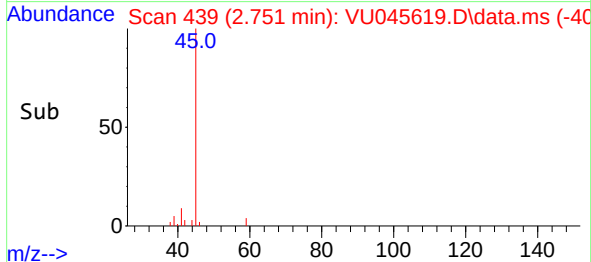
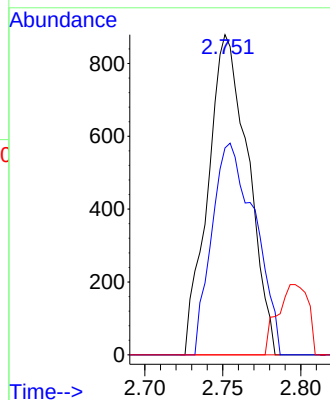
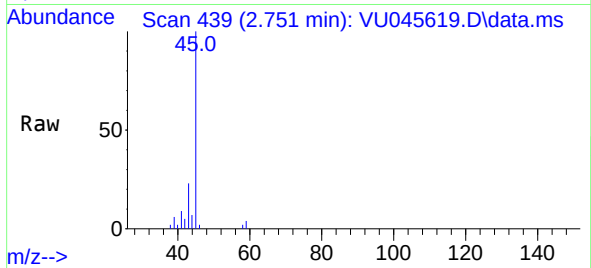




#14
 Allyl chloride
 Concen: 0.512 ug/l
 RT: 2.751 min Scan# 41
 Delta R.T. -0.174 min
 Lab File: VU045619.D
 Acq: 08 Nov 2021 16:41

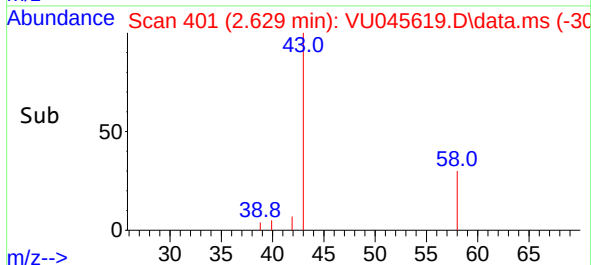
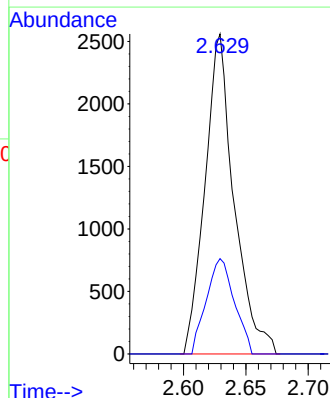
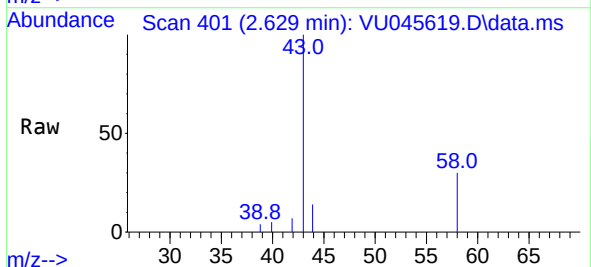
Instrument :
 MSVOA_U
 ClientSampleId :
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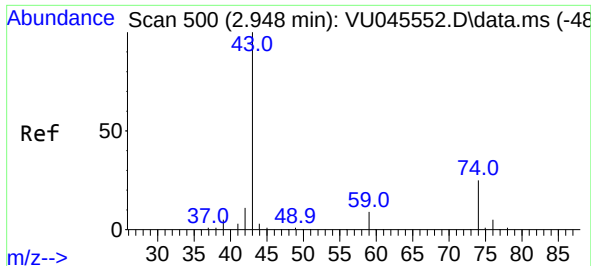
Tgt Ion: 41 Resp: 1574
 Ion Ratio Lower Upper
 41 100
 39 70.9 49.7 74.5
 76 0.0 27.7 41.5#



#16
 Acetone
 Concen: 3.477 ug/l
 RT: 2.629 min Scan# 401
 Delta R.T. 0.006 min
 Lab File: VU045619.D
 Acq: 08 Nov 2021 16:41

Tgt Ion: 43 Resp: 4150
 Ion Ratio Lower Upper
 43 100
 58 29.8 26.2 39.2

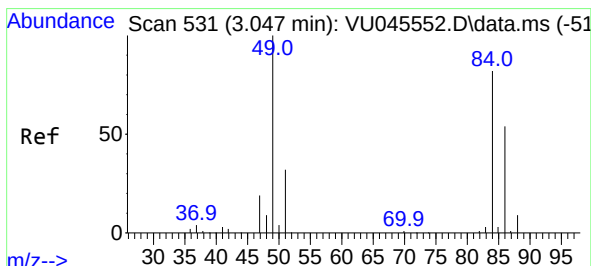
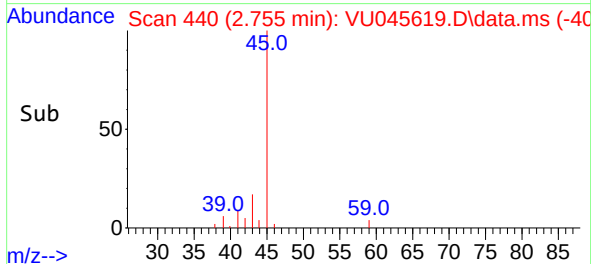
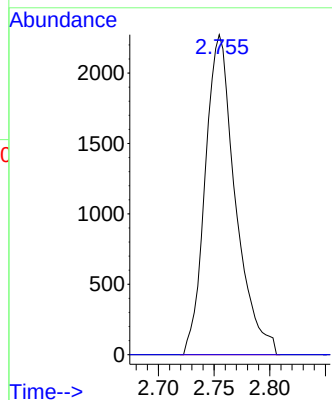
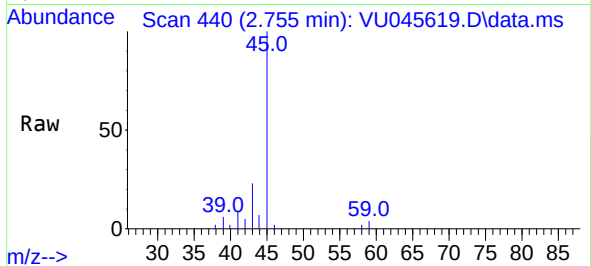




#18
Methyl Acetate
Concen: 1.052 ug/l
RT: 2.755 min Scan# 441
Delta R.T. -0.193 min
Lab File: VU045619.D
Acq: 08 Nov 2021 16:41

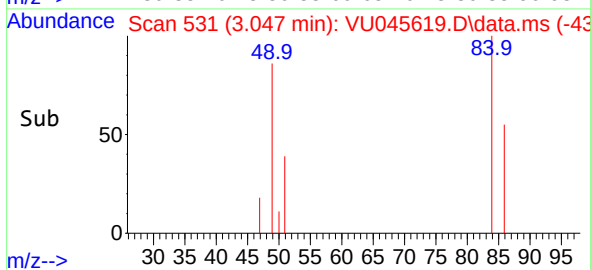
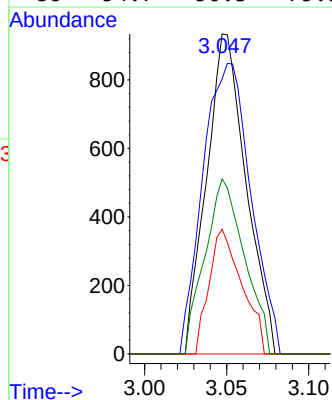
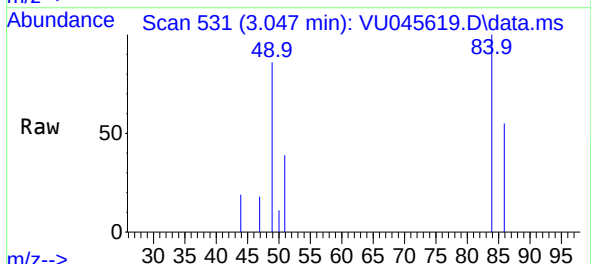
Instrument :
MSVOA_U
ClientSampleId :
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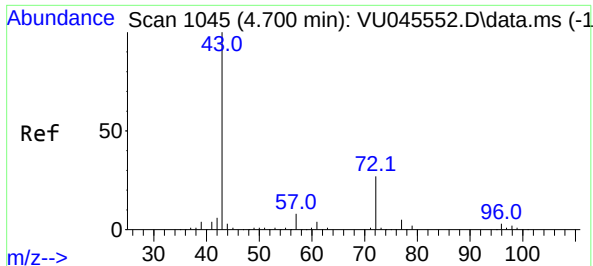
Tgt Ion: 43 Resp: 4279
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#



#20
Methylene Chloride
Concen: 0.753 ug/l
RT: 3.047 min Scan# 531
Delta R.T. -0.000 min
Lab File: VU045619.D
Acq: 08 Nov 2021 16:41

Tgt Ion: 84 Resp: 1562
Ion Ratio Lower Upper
84 100
49 86.0 96.4 144.6#
51 39.0 30.5 45.7
86 54.7 50.3 75.5

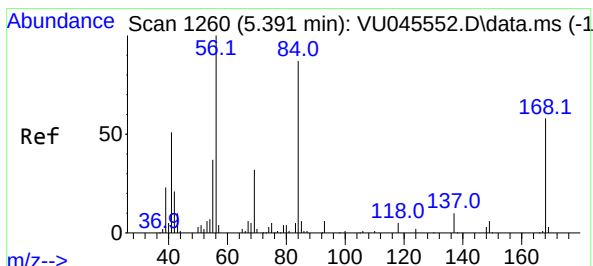
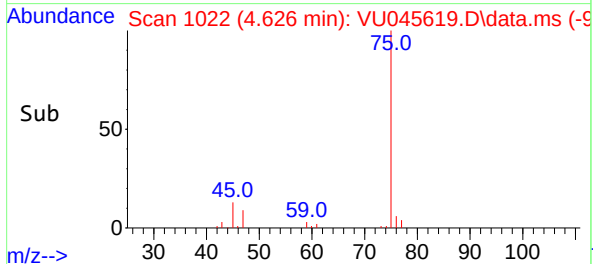
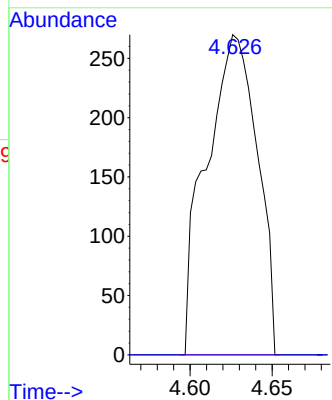
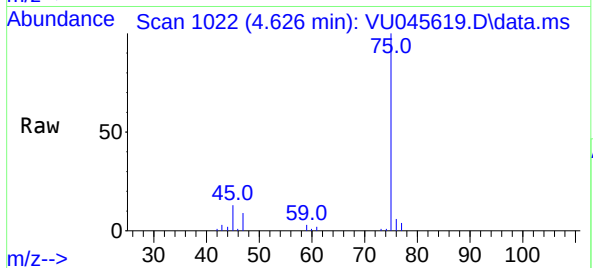




#25
2-Butanone
Concen: 0.353 ug/l
RT: 4.626 min Scan# 1045
Delta R.T. -0.074 min
Lab File: VU045619.D
Acq: 08 Nov 2021 16:41

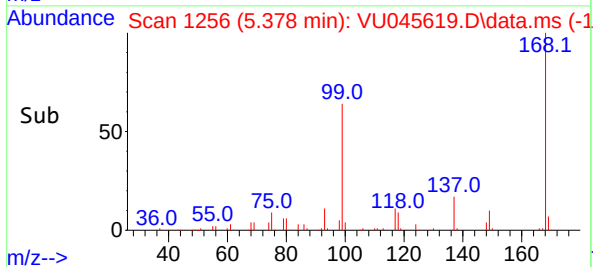
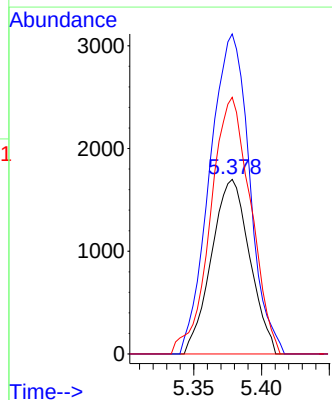
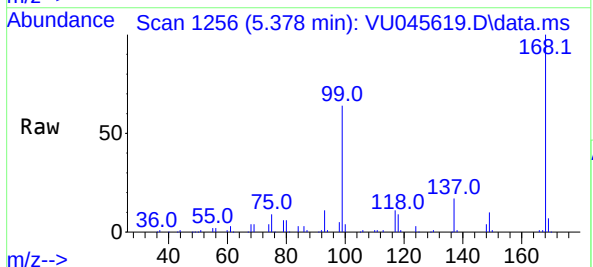
Instrument :
MSVOA_U
ClientSampleId :
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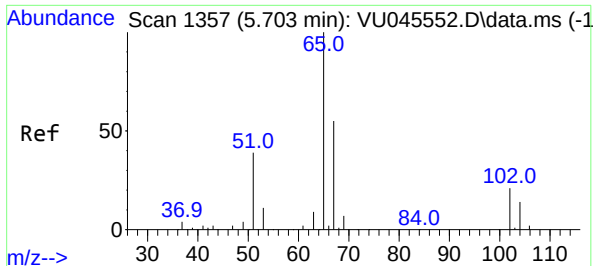
Tgt Ion: 43 Resp: 584
Ion Ratio Lower Upper
43 100
72 0.0 22.0 33.0#



#31
Cyclohexane
Concen: 0.976 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.013 min
Lab File: VU045619.D
Acq: 08 Nov 2021 16:41

Tgt Ion: 56 Resp: 3338
Ion Ratio Lower Upper
56 100
69 183.2 26.4 39.6#
84 147.0 68.4 102.6#





#33

1,2-Dichloroethane-d4

Concen: 53.609 ug/l

RT: 5.706 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU045619.D

Acq: 08 Nov 2021 16:41

Instrument :

MSVOA_U

ClientSampleId :

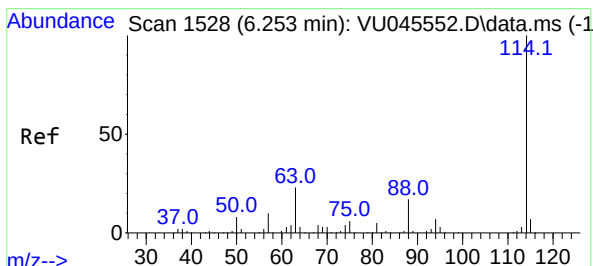
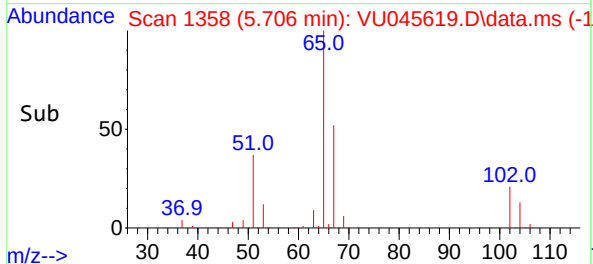
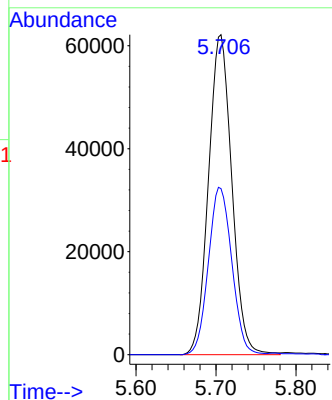
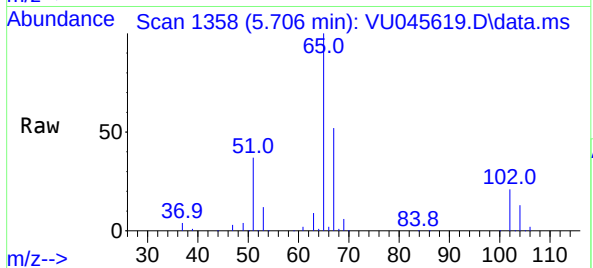
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Tgt Ion: 65 Resp: 125706

Ion Ratio Lower Upper

65 100

67 52.6 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: VU045619.D

Acq: 08 Nov 2021 16:41

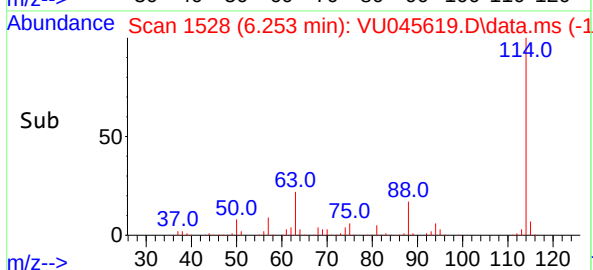
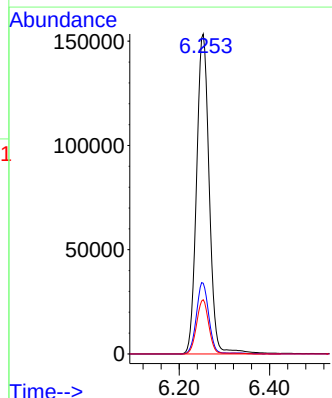
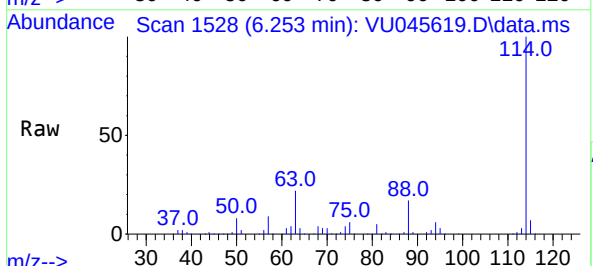
Tgt Ion: 114 Resp: 298570

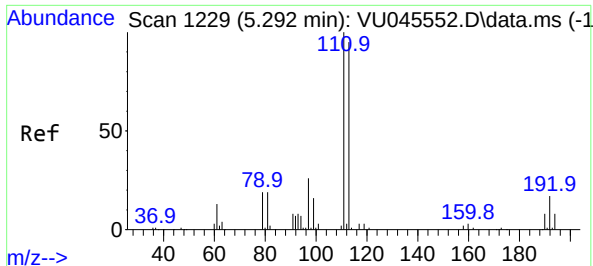
Ion Ratio Lower Upper

114 100

63 22.1 0.0 45.6

88 17.0 0.0 33.8





#35

Dibromofluoromethane

Concen: 49.438 ug/l

RT: 5.292 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU045619.D

Acq: 08 Nov 2021 16:41

Instrument :

MSVOA_U

ClientSampleId :

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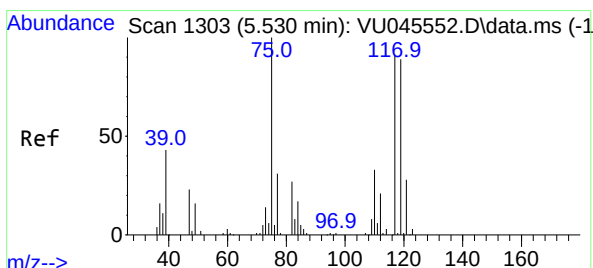
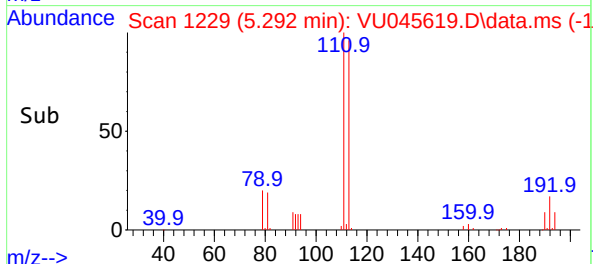
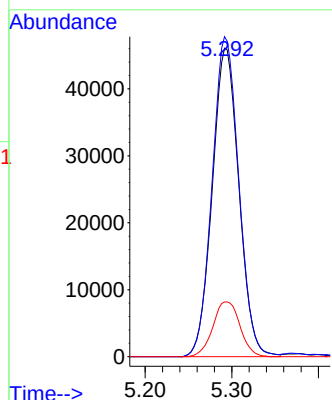
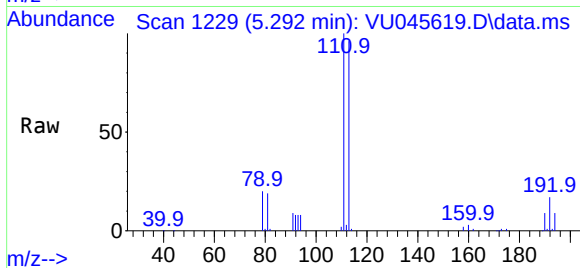
Tgt Ion:113 Resp: 98550

Ion Ratio Lower Upper

113 100

111 103.5 82.8 124.2

192 18.1 14.8 22.2



#36

1,1-Dichloropropene

Concen: 4.662 ug/l

RT: 5.375 min Scan# 1255

Delta R.T. -0.155 min

Lab File: VU045619.D

Acq: 08 Nov 2021 16:41

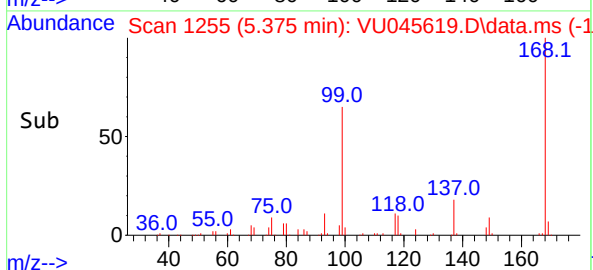
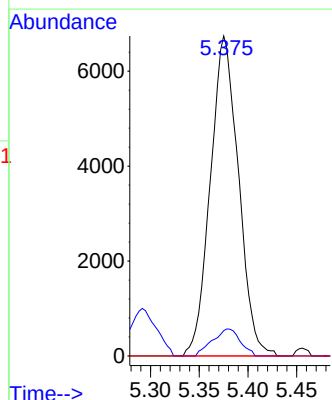
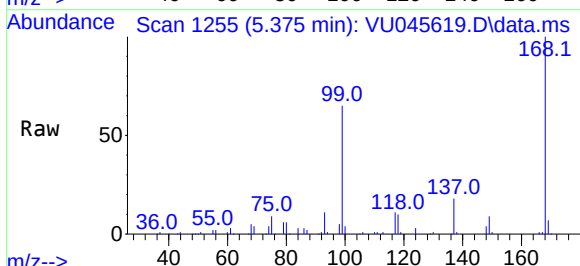
Tgt Ion: 75 Resp: 13572

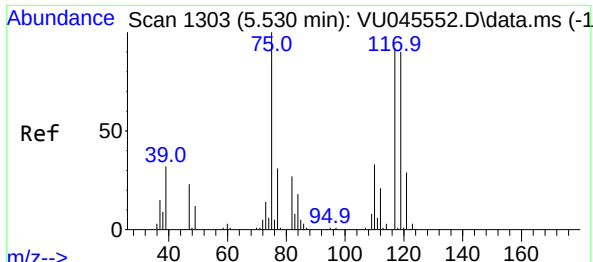
Ion Ratio Lower Upper

75 100

110 8.3 16.7 50.0#

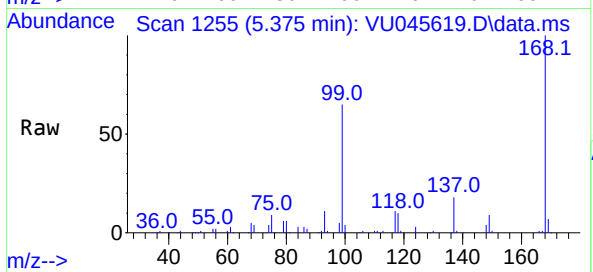
77 0.0 25.0 37.4#



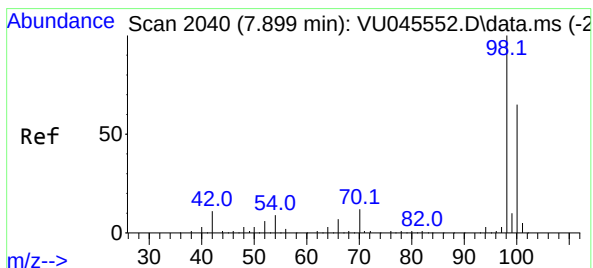
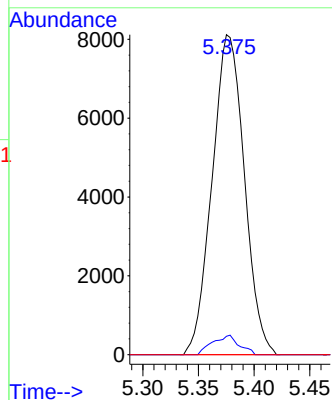
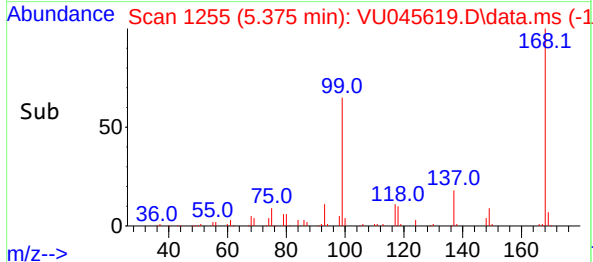


#38
Carbon Tetrachloride
Concen: 5.574 ug/l
RT: 5.375 min Scan# 117
Delta R.T. -0.155 min
Lab File: VU045619.D
Acq: 08 Nov 2021 16:41

Instrument :
MSVOA_U
ClientSampleId :
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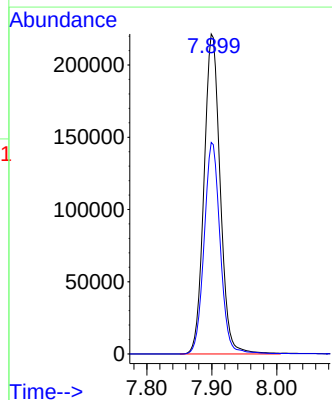
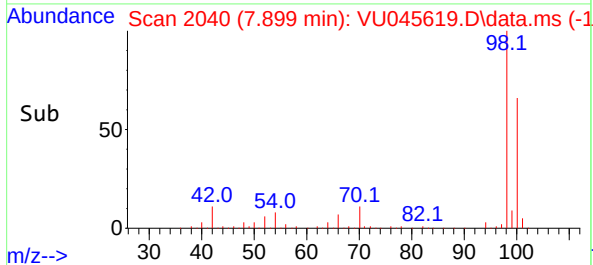
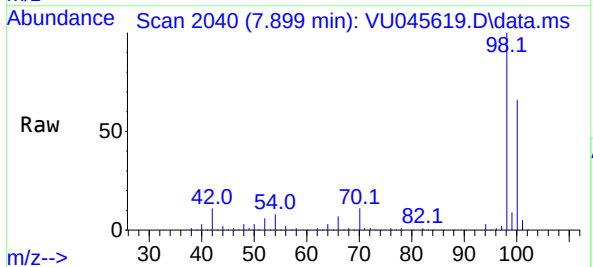


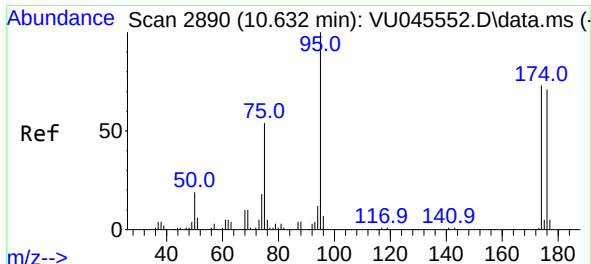
Tgt Ion:117 Resp: 16359
Ion Ratio Lower Upper
117 100
119 5.8 77.4 116.0#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 51.845 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VU045619.D
Acq: 08 Nov 2021 16:41

Tgt Ion: 98 Resp: 384298
Ion Ratio Lower Upper
98 100
100 65.6 52.5 78.7

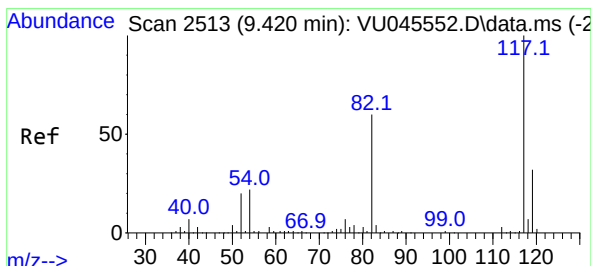
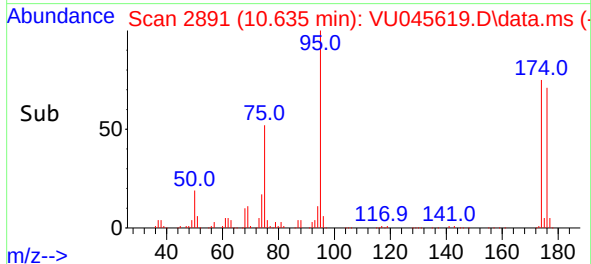
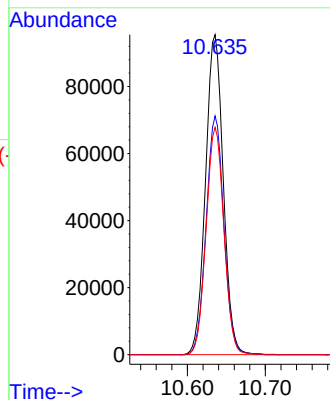
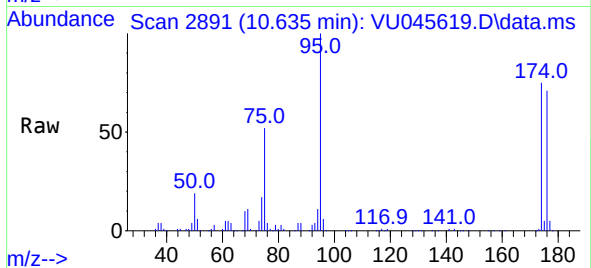




#62
4-Bromofluorobenzene
Concen: 50.983 ug/l
RT: 10.635 min Scan# 2890
Delta R.T. 0.003 min
Lab File: VU045619.D
Acq: 08 Nov 2021 16:41

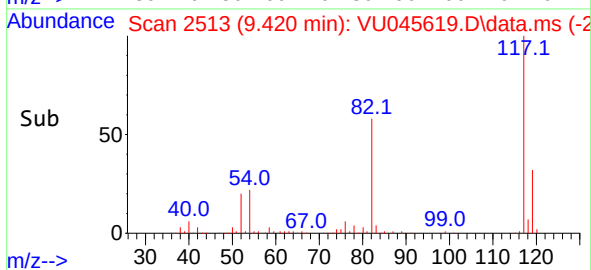
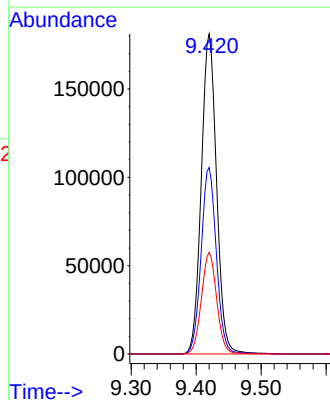
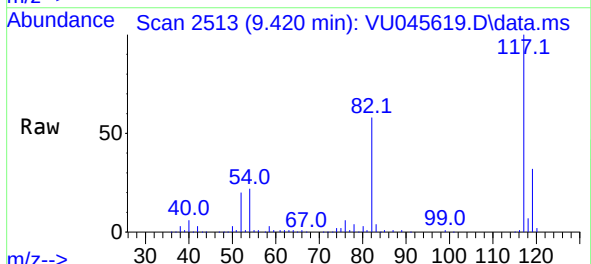
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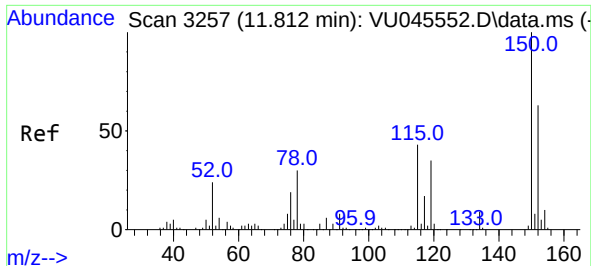
Tgt Ion: 95 Resp: 151540
Ion Ratio Lower Upper
95 100
174 74.7 0.0 141.8
176 71.0 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. -0.000 min
Lab File: VU045619.D
Acq: 08 Nov 2021 16:41

Tgt Ion: 117 Resp: 297193
Ion Ratio Lower Upper
117 100
82 58.3 47.8 71.8
119 31.8 25.8 38.8

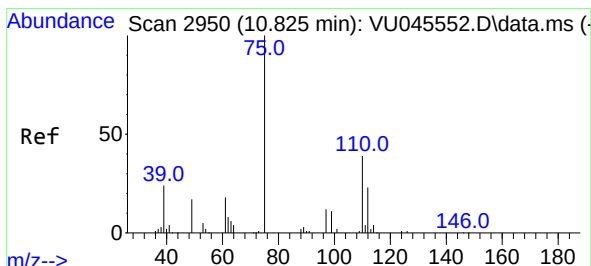
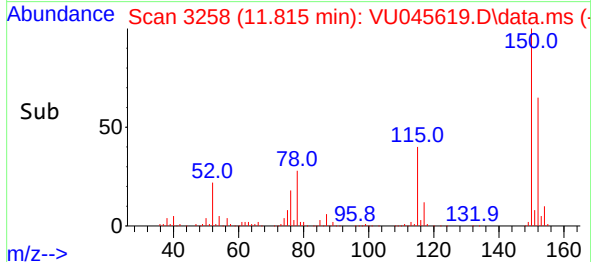
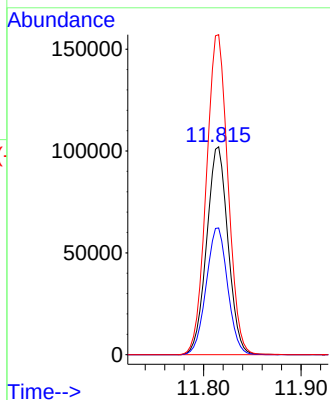
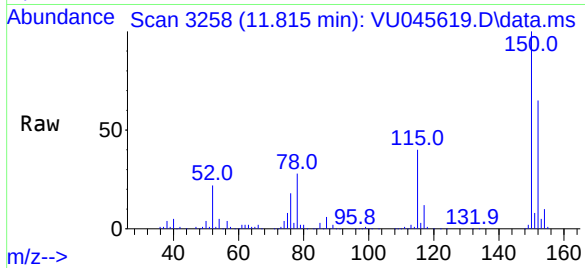




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.815 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU045619.D
Acq: 08 Nov 2021 16:41

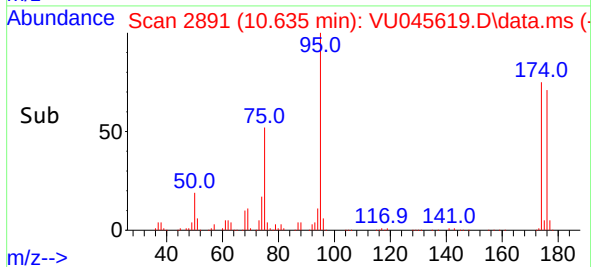
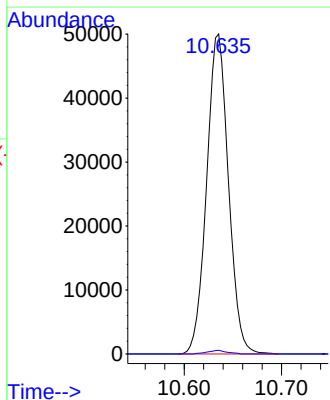
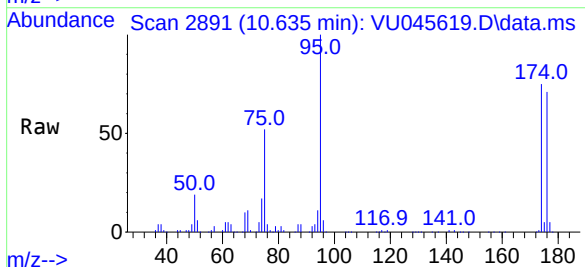
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ClientSampleId :
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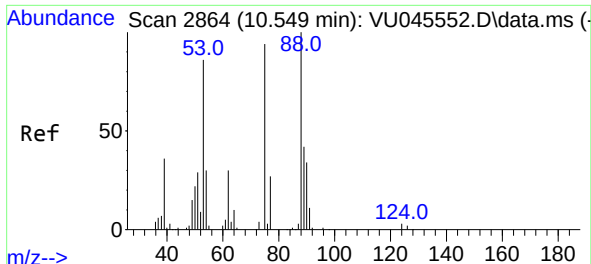
Tgt Ion:152 Resp: 155820
Ion Ratio Lower Upper
152 100
115 61.2 42.7 128.1
150 155.6 0.0 346.8



#76
1,2,3-Trichloropropane
Concen: 16.451 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. -0.190 min
Lab File: VU045619.D
Acq: 08 Nov 2021 16:41

Tgt Ion: 75 Resp: 77738
Ion Ratio Lower Upper
75 100
77 1.0 17.1 51.3#

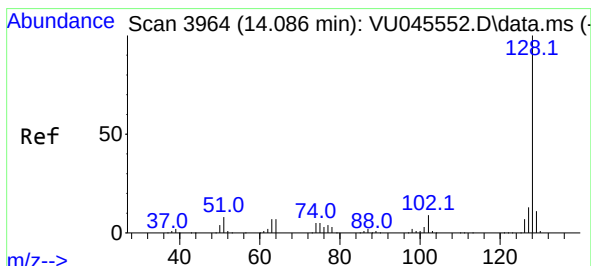
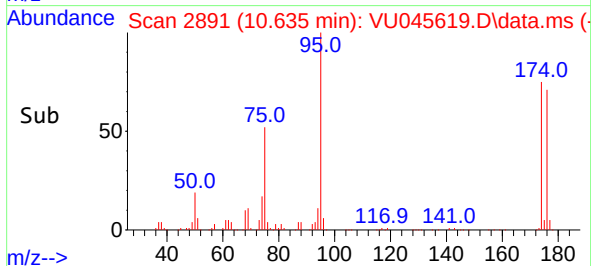
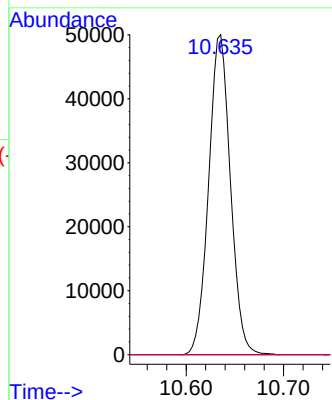
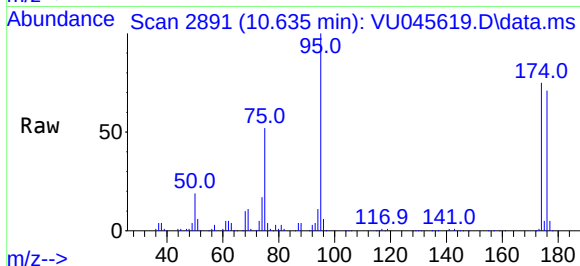




#81
trans-1,4-Dichloro-2-butene
Concen: 53.660 ug/l
RT: 10.635 min Scan# 2864
Delta R.T. 0.086 min
Lab File: VU045619.D
Acq: 08 Nov 2021 16:41

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion: 75 Resp: 77738
Ion Ratio Lower Upper
75 100
53 0.0 76.2 114.4#
89 0.0 34.0 51.0#



#95
Naphthalene
Concen: 1.067 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.009 min
Lab File: VU045619.D
Acq: 08 Nov 2021 16:41

Tgt Ion:128 Resp: 494
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 0.0 8.6 13.0#

