

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110521\
 Data File : VU045566.D
 Acq On : 05 Nov 2021 18:06
 Operator : SY/MD
 Sample : M4475-15
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TRIP-BLANK

Quant Time: Nov 05 18:31:56 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)

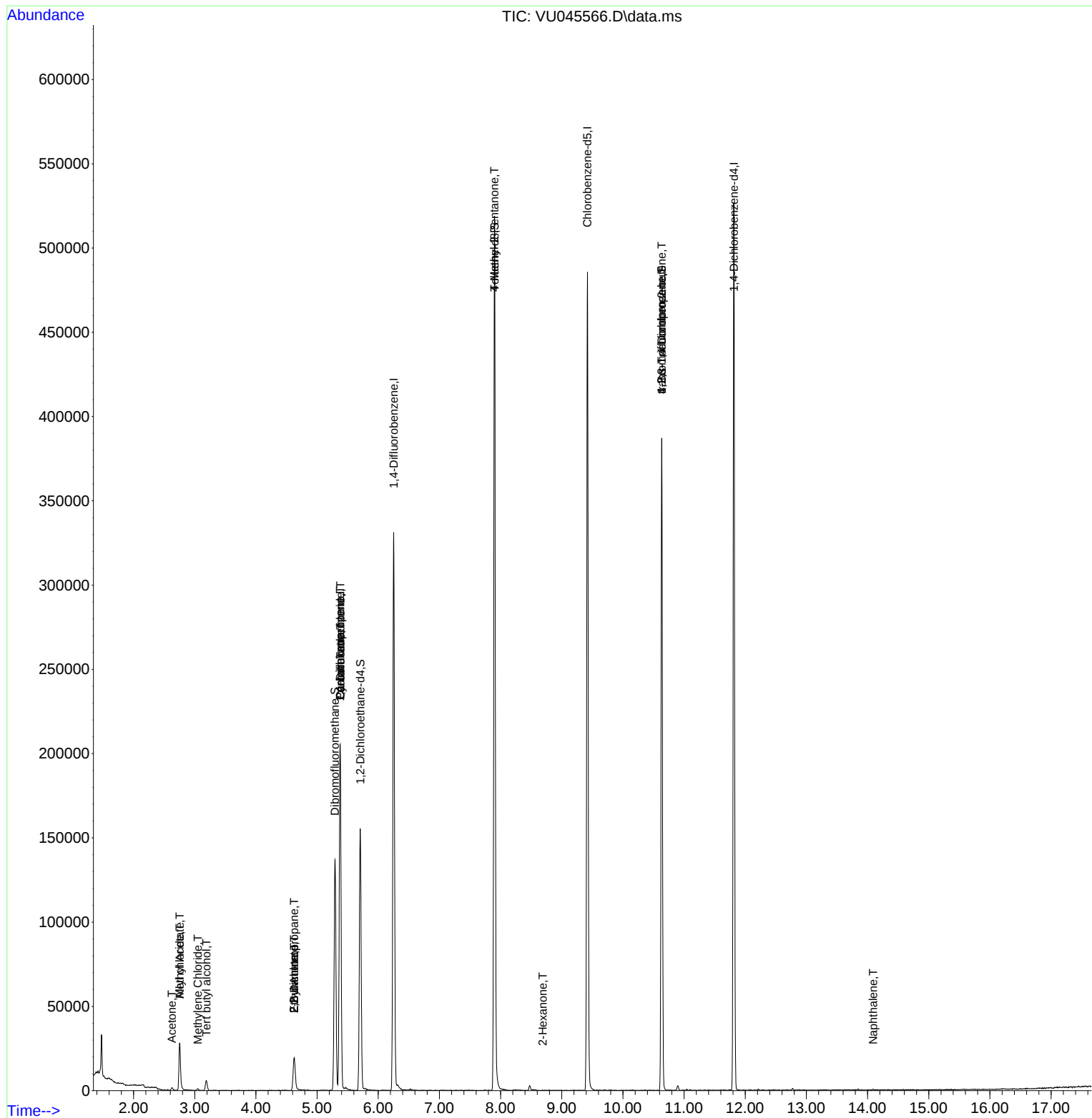
Internal Standards						
1) Pentafluorobenzene	5.378	168	135804	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	259311	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	261981	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	130633	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	114693	56.393	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 112.780%		
35) Dibromofluoromethane	5.292	113	86881	50.183	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 100.360%		
50) Toluene-d8	7.902	98	342324	53.174	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 106.340%		
62) 4-Bromofluorobenzene	10.635	95	127838	49.521	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 99.040%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.192	59	3611	8.970	ug/l #	72
14) Allyl chloride	2.755	41	2643	0.991	ug/l #	61
16) Acetone	2.626	43	1967	1.900	ug/l	96
18) Methyl Acetate	2.755	43	7370	2.090	ug/l #	50
20) Methylene Chloride	3.050	84	440	0.245	ug/l #	83
25) 2-Butanone	4.626	43	760	0.529	ug/l #	47
26) 2,2-Dichloropropane	4.626	77	1220	0.472	ug/l #	53
31) Cyclohexane	5.378	56	3205	1.080	ug/l #	8
36) 1,1-Dichloropropene	5.375	75	12510	4.948	ug/l #	49
37) Ethyl Acetate	4.626	43	760	0.262	ug/l #	15
38) Carbon Tetrachloride	5.378	117	14630	5.739	ug/l #	16
51) 4-Methyl-2-Pentanone	7.899	43	1389	0.474	ug/l #	1
59) 2-Hexanone	8.690	43	41	7.551	ug/l #	21
76) 1,2,3-Trichloropropane	10.635	75	67805	17.116	ug/l #	42
81) trans-1,4-Dichloro-2-b...	10.635	75	67805	55.707	ug/l #	12
95) Naphthalene	14.092	128	519	1.077	ug/l #	69

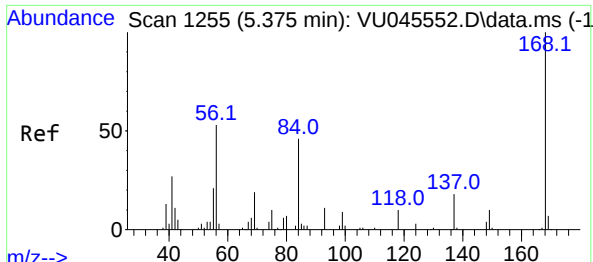
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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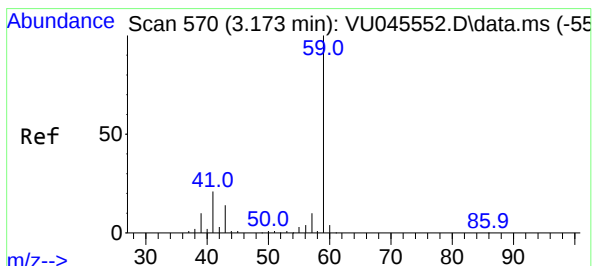
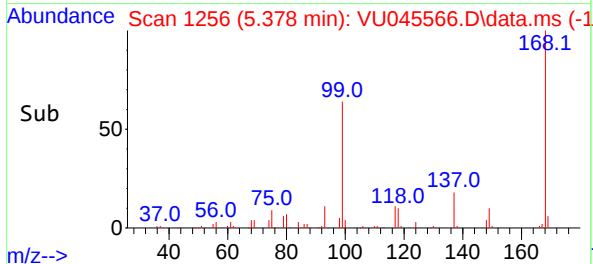
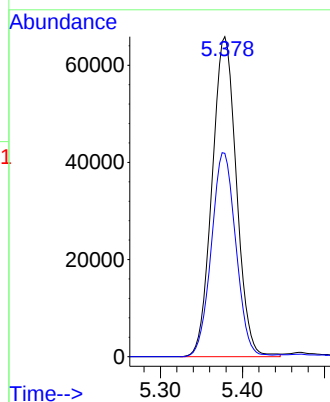
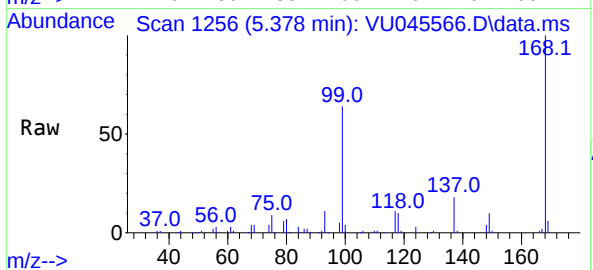




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU045566.D
Acq: 05 Nov 2021 18:06

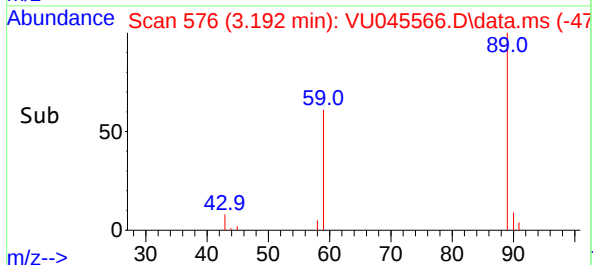
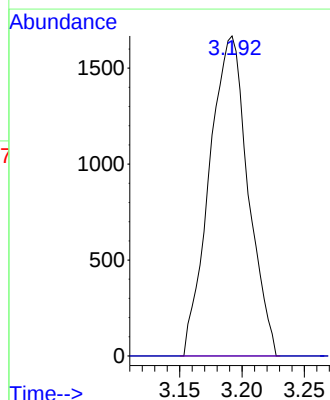
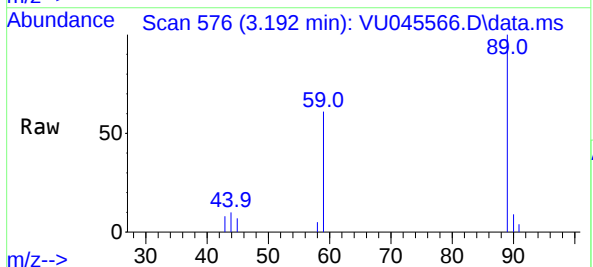
Instrument :
MSVOA_U
ClientSampleId :
TRIP-BLANK

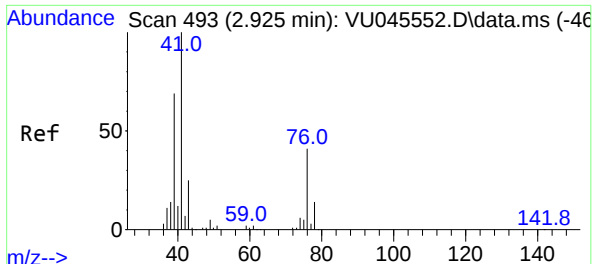
Tgt Ion:168 Resp: 135804
Ion Ratio Lower Upper
168 100
99 63.6 51.0 76.6



#11
Tert butyl alcohol
Concen: 8.970 ug/l
RT: 3.192 min Scan# 576
Delta R.T. 0.019 min
Lab File: VU045566.D
Acq: 05 Nov 2021 18:06

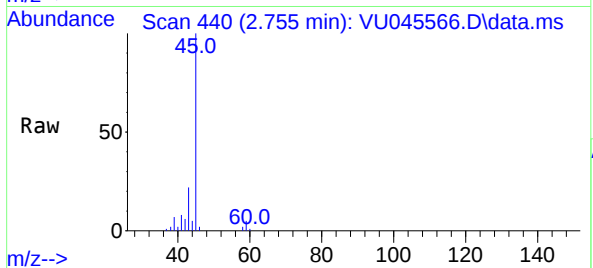
Tgt Ion: 59 Resp: 3611
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



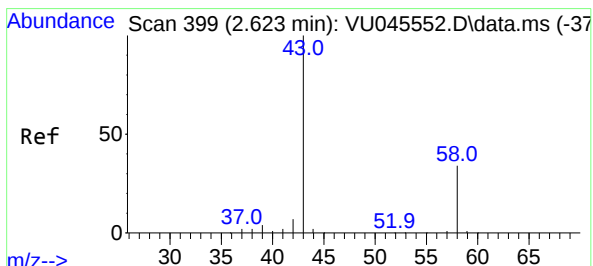
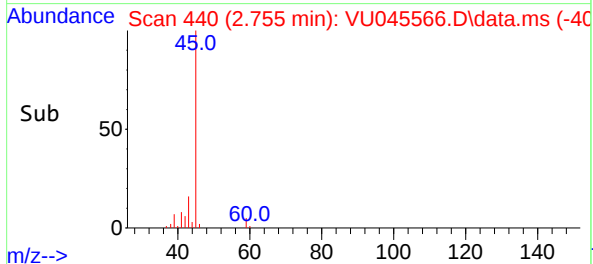
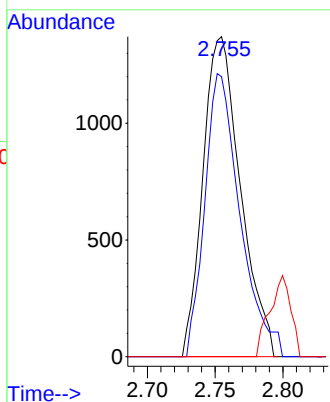


#14
 Allyl chloride
 Concen: 0.991 ug/l
 RT: 2.755 min Scan# 41
 Delta R.T. -0.171 min
 Lab File: VU045566.D
 Acq: 05 Nov 2021 18:06

Instrument :
 MSVOA_U
 ClientSampleId :
 TRIP-BLANK

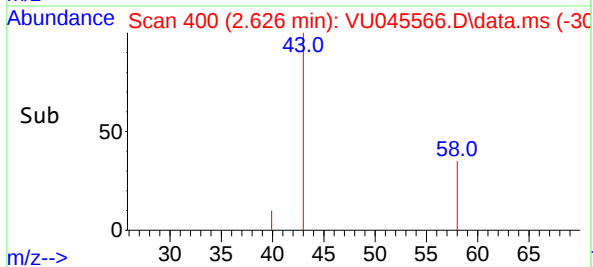
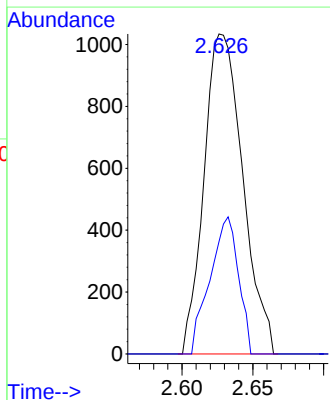
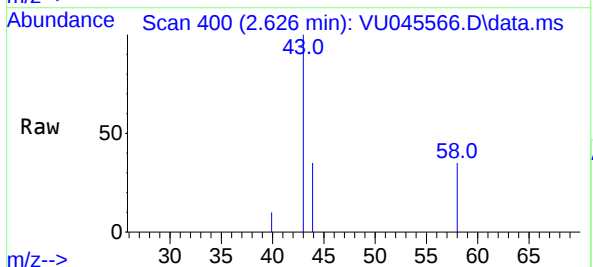


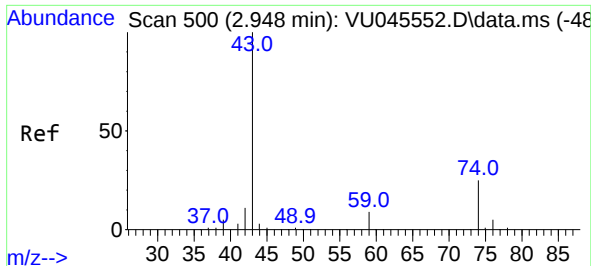
Tgt Ion: 41 Resp: 2643
 Ion Ratio Lower Upper
 41 100
 39 82.8 49.7 74.5#
 76 0.0 27.7 41.5#



#16
 Acetone
 Concen: 1.900 ug/l
 RT: 2.626 min Scan# 400
 Delta R.T. 0.003 min
 Lab File: VU045566.D
 Acq: 05 Nov 2021 18:06

Tgt Ion: 43 Resp: 1967
 Ion Ratio Lower Upper
 43 100
 58 35.1 26.2 39.2

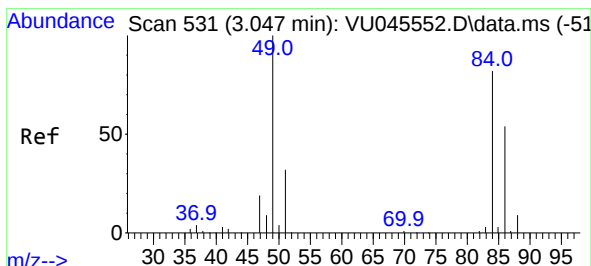
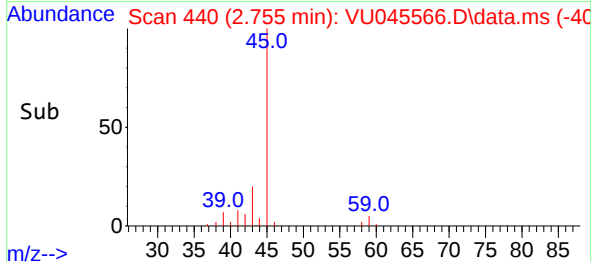
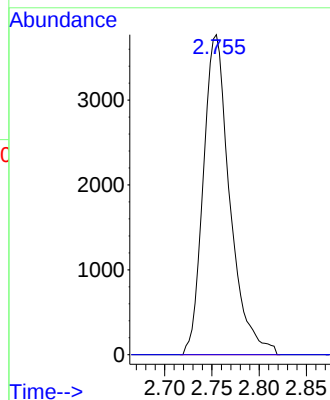
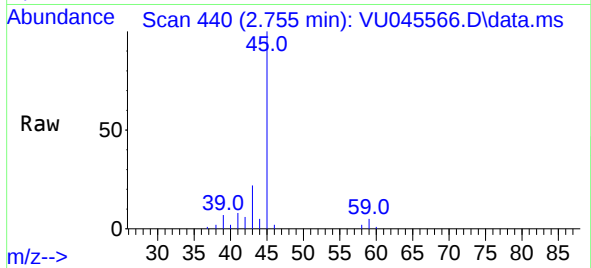




#18
Methyl Acetate
Concen: 2.090 ug/l
RT: 2.755 min Scan# 44
Delta R.T. -0.193 min
Lab File: VU045566.D
Acq: 05 Nov 2021 18:06

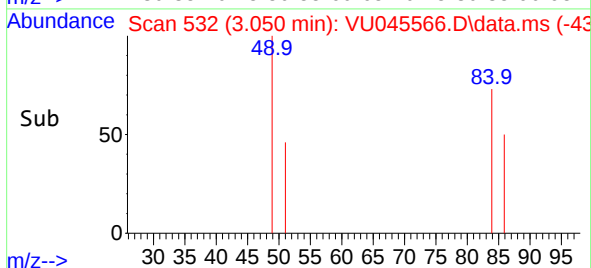
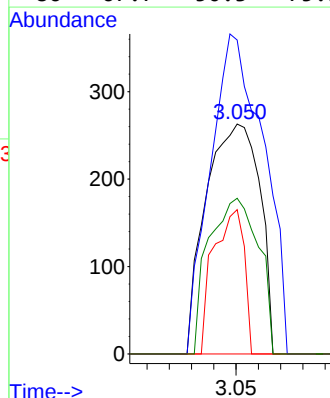
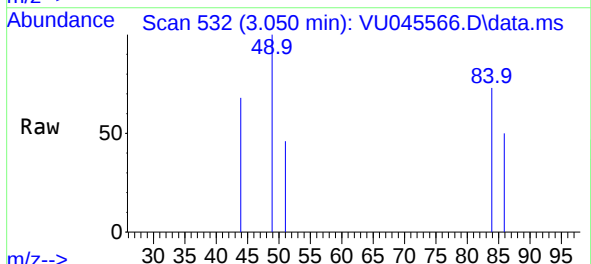
Instrument :
MSVOA_U
ClientSampleId :
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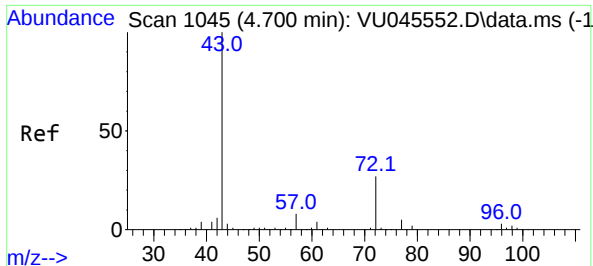
Tgt Ion: 43 Resp: 7370
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#



#20
Methylene Chloride
Concen: 0.245 ug/l
RT: 3.050 min Scan# 532
Delta R.T. 0.003 min
Lab File: VU045566.D
Acq: 05 Nov 2021 18:06

Tgt Ion: 84 Resp: 440
Ion Ratio Lower Upper
84 100
49 136.5 96.4 144.6
51 62.7 30.5 45.7#
86 67.7 50.3 75.5

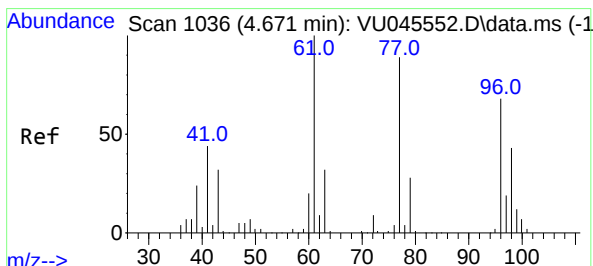
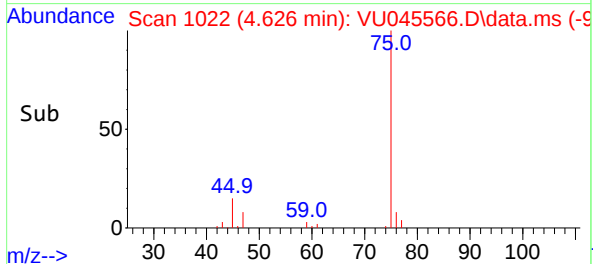
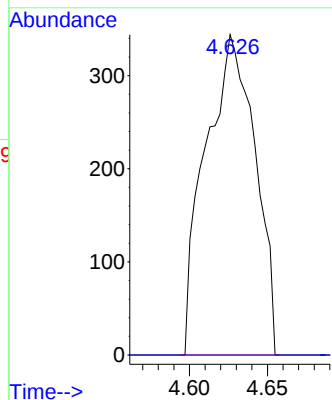
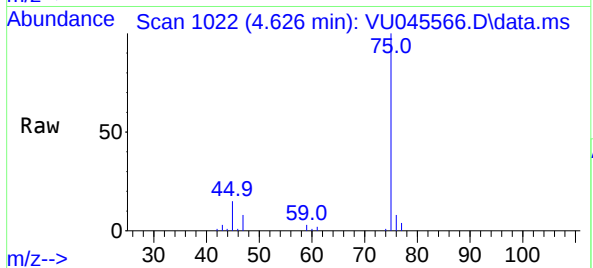




#25
2-Butanone
Concen: 0.529 ug/l
RT: 4.626 min Scan# 1022
Delta R.T. -0.074 min
Lab File: VU045566.D
Acq: 05 Nov 2021 18:06

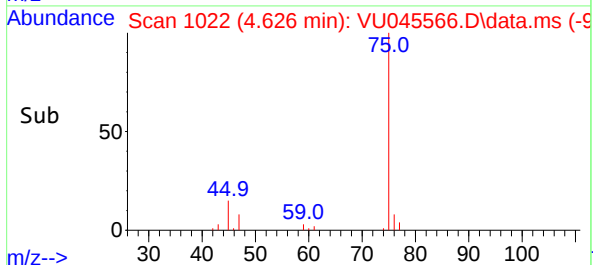
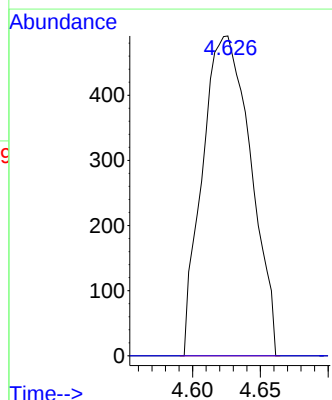
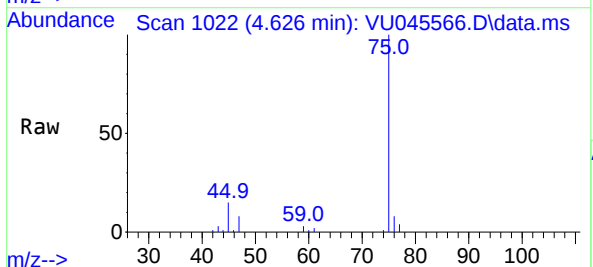
Instrument :
MSVOA_U
ClientSampleId :
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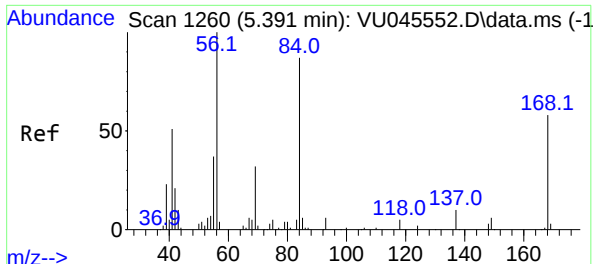
Tgt Ion: 43 Resp: 760
Ion Ratio Lower Upper
43 100
72 0.0 22.0 33.0#



#26
2,2-Dichloropropane
Concen: 0.472 ug/l
RT: 4.626 min Scan# 1022
Delta R.T. -0.045 min
Lab File: VU045566.D
Acq: 05 Nov 2021 18:06

Tgt Ion: 77 Resp: 1220
Ion Ratio Lower Upper
77 100
97 0.0 11.4 34.1#





#31

Cyclohexane

Concen: 1.080 ug/l

RT: 5.378 min Scan# 11

Delta R.T. -0.013 min

Lab File: VU045566.D

Acq: 05 Nov 2021 18:06

Instrument :

MSVOA_U

ClientSampleId :

TRIP-BLANK

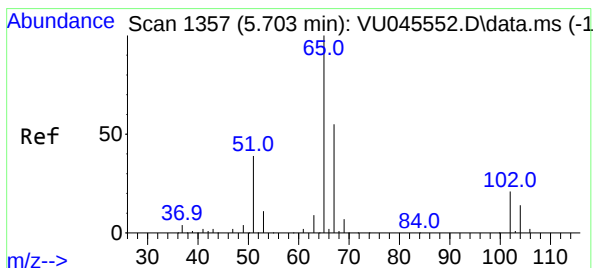
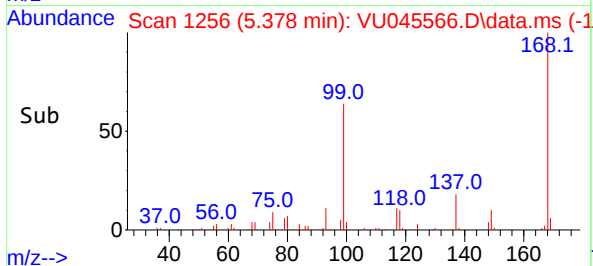
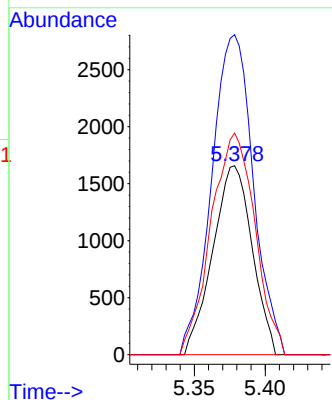
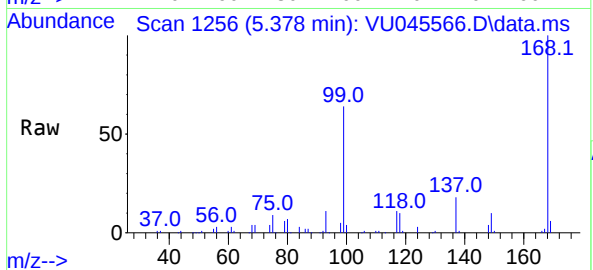
Tgt Ion: 56 Resp: 3205

Ion Ratio Lower Upper

56 100

69 169.4 26.4 39.6#

84 117.3 68.4 102.6#



#33

1,2-Dichloroethane-d4

Concen: 56.393 ug/l

RT: 5.706 min Scan# 1358

Delta R.T. 0.003 min

Lab File: VU045566.D

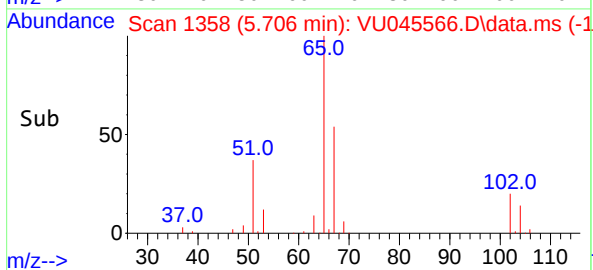
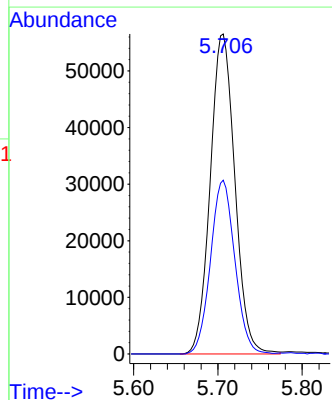
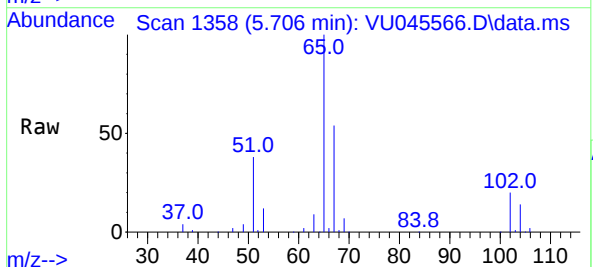
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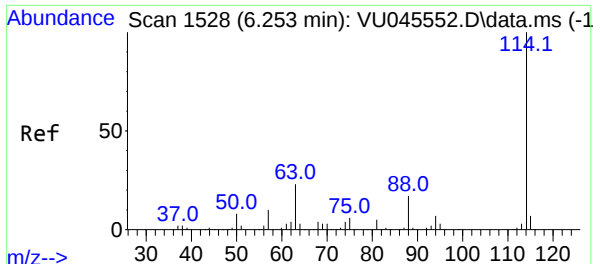
Tgt Ion: 65 Resp: 114693

Ion Ratio Lower Upper

65 100

67 53.7 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 114

Delta R.T. -0.000 min

Lab File: VU045566.D

Acq: 05 Nov 2021 18:06

Instrument :

MSVOA_U

ClientSampleId :

TRIP-BLANK

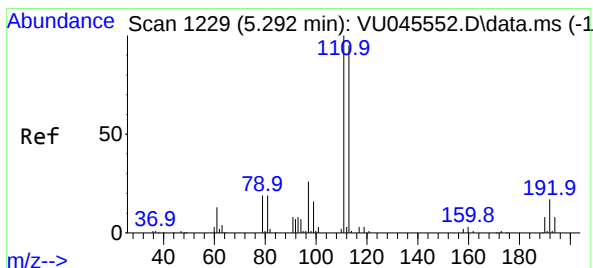
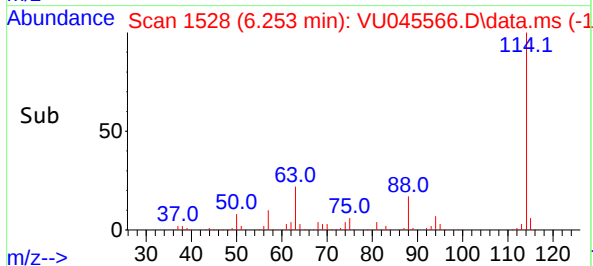
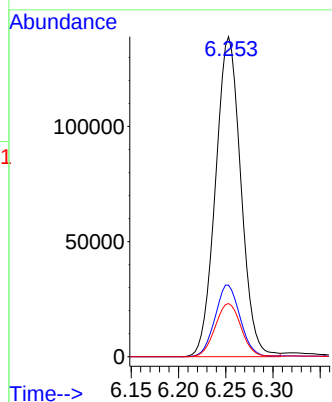
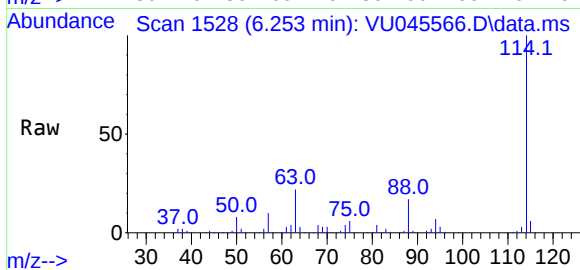
Tgt Ion:114 Resp: 259311

Ion Ratio Lower Upper

114 100

63 22.4 0.0 45.6

88 16.6 0.0 33.8



#35

Dibromofluoromethane

Concen: 50.183 ug/l

RT: 5.292 min Scan# 1229

Delta R.T. -0.000 min

Lab File: VU045566.D

Acq: 05 Nov 2021 18:06

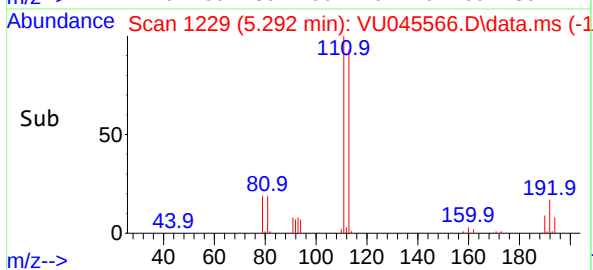
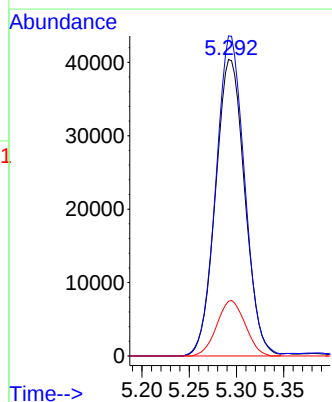
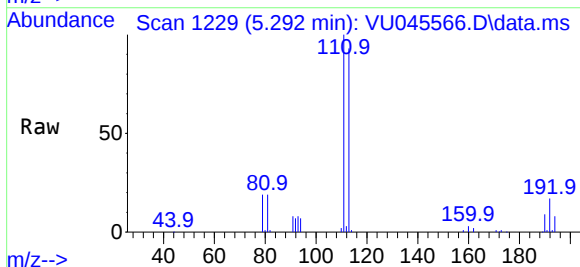
Tgt Ion:113 Resp: 86881

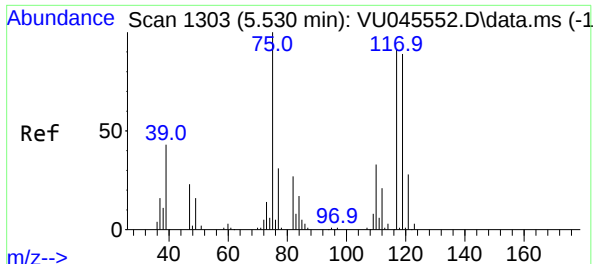
Ion Ratio Lower Upper

113 100

111 105.7 82.8 124.2

192 18.2 14.8 22.2





#36

1,1-Dichloropropene

Concen: 4.948 ug/l

RT: 5.375 min Scan# 11

Delta R.T. -0.154 min

Lab File: VU045566.D

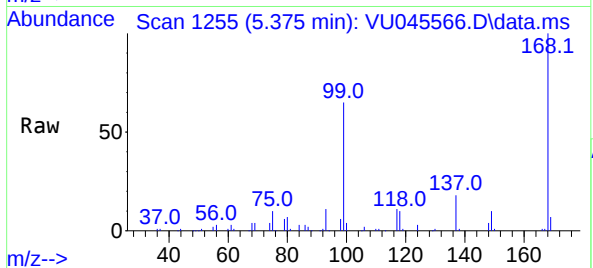
Acq: 05 Nov 2021 18:06

Instrument :

MSVOA_U

ClientSampleId :

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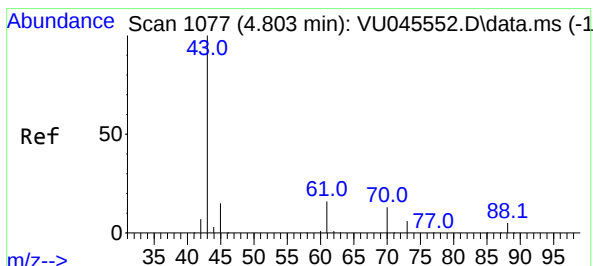
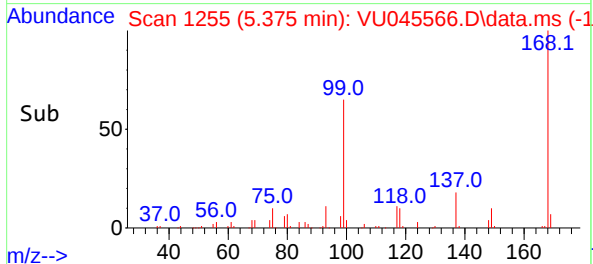
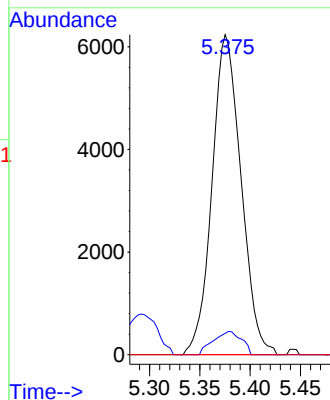
Tgt Ion: 75 Resp: 12510

Ion Ratio Lower Upper

75 100

110 7.1 16.7 50.0#

77 0.0 25.0 37.4#



#37

Ethyl Acetate

Concen: 0.262 ug/l

RT: 4.626 min Scan# 1022

Delta R.T. -0.177 min

Lab File: VU045566.D

Acq: 05 Nov 2021 18:06

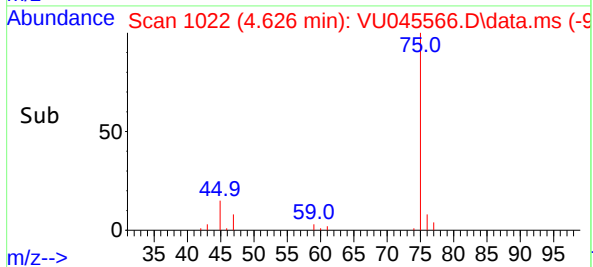
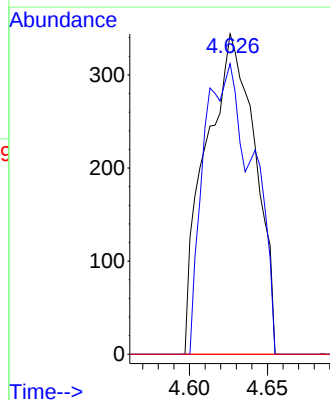
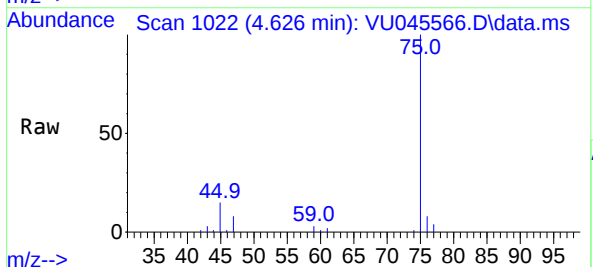
Tgt Ion: 43 Resp: 760

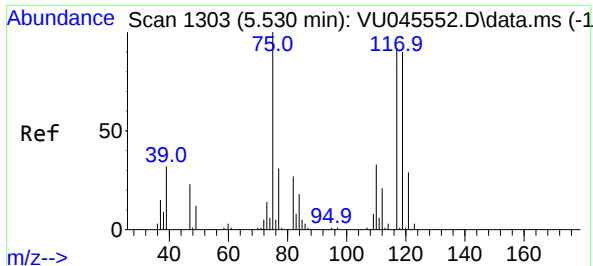
Ion Ratio Lower Upper

43 100

61 67.5 11.6 17.4#

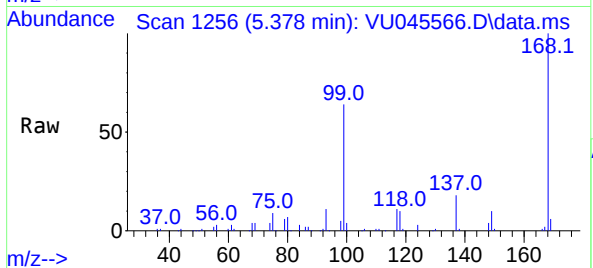
70 0.0 9.1 13.7#



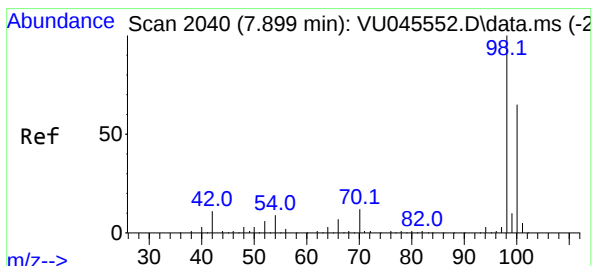
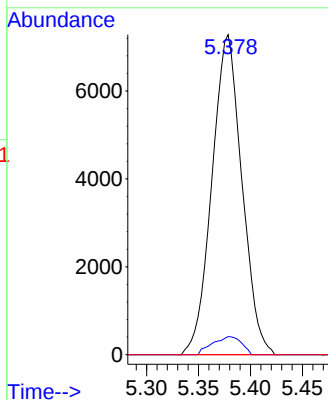
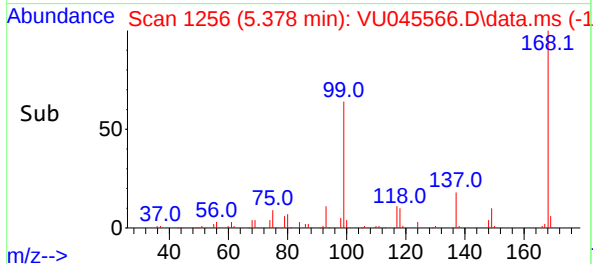


#38
Carbon Tetrachloride
Concen: 5.739 ug/l
RT: 5.378 min Scan# 117
Delta R.T. -0.151 min
Lab File: VU045566.D
Acq: 05 Nov 2021 18:06

Instrument :
MSVOA_U
ClientSampleId :
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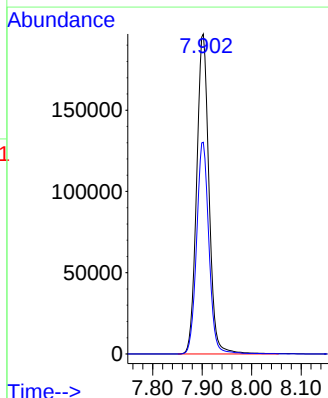
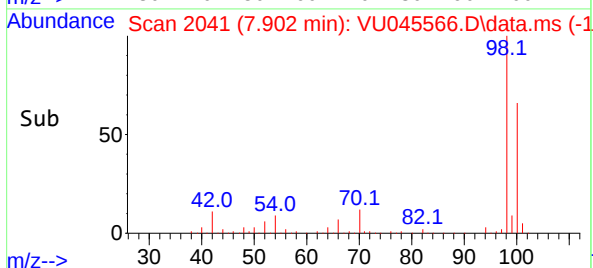
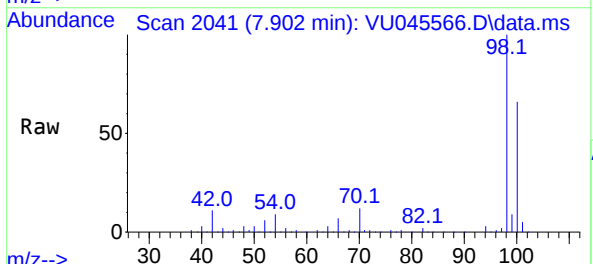


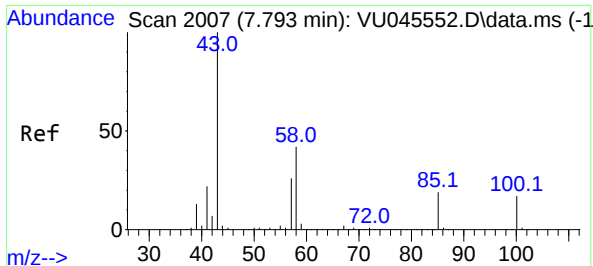
Tgt Ion:117 Resp: 14630
Ion Ratio Lower Upper
117 100
119 5.6 77.4 116.0#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 53.174 ug/l
RT: 7.902 min Scan# 2041
Delta R.T. 0.003 min
Lab File: VU045566.D
Acq: 05 Nov 2021 18:06

Tgt Ion: 98 Resp: 342324
Ion Ratio Lower Upper
98 100
100 65.9 52.5 78.7

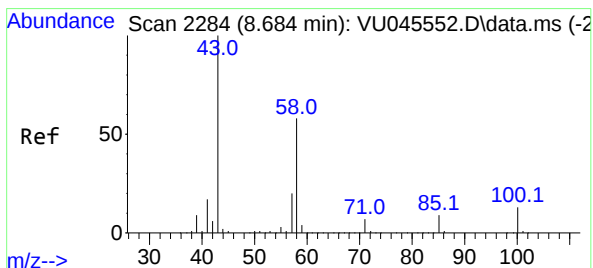
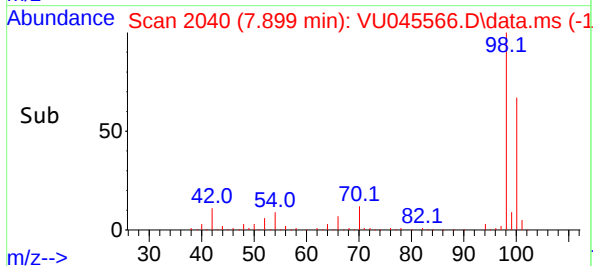
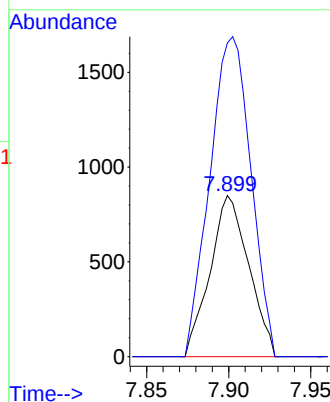
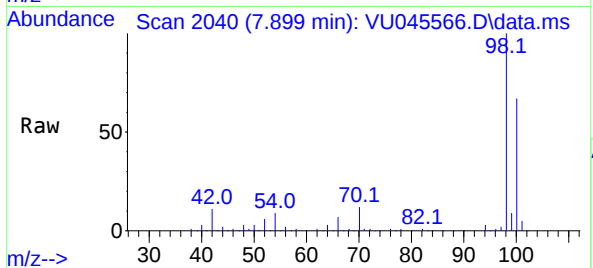




#51
4-Methyl-2-Pentanone
Concen: 0.474 ug/l
RT: 7.899 min Scan# 20
Delta R.T. 0.106 min
Lab File: VU045566.D
Acq: 05 Nov 2021 18:06

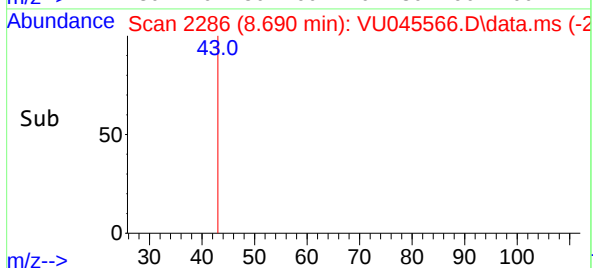
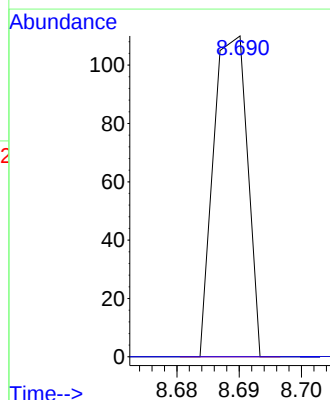
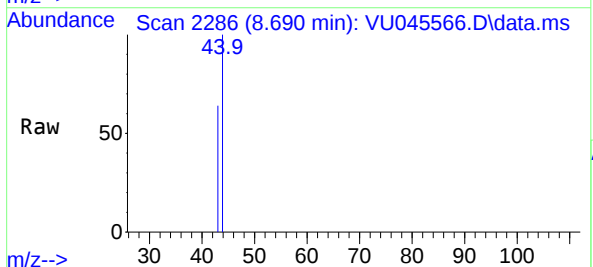
Instrument :
MSVOA_U
ClientSampleId :
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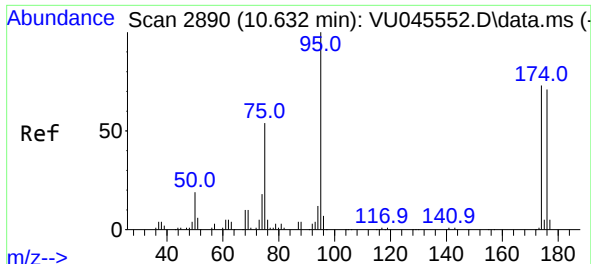
Tgt Ion: 43 Resp: 1389
Ion Ratio Lower Upper
43 100
58 211.0 33.8 50.8#



#59
2-Hexanone
Concen: 7.551 ug/l
RT: 8.690 min Scan# 2286
Delta R.T. 0.006 min
Lab File: VU045566.D
Acq: 05 Nov 2021 18:06

Tgt Ion: 43 Resp: 41
Ion Ratio Lower Upper
43 100
58 0.0 29.5 88.6#

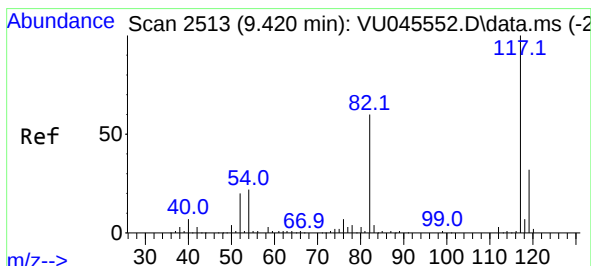
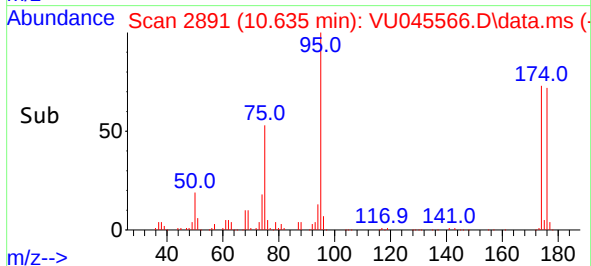
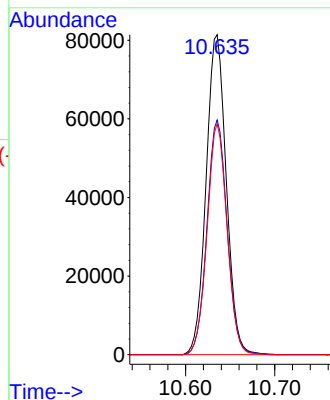
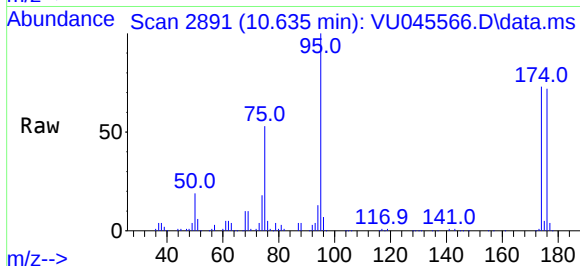




#62
4-Bromofluorobenzene
Concen: 49.521 ug/l
RT: 10.635 min Scan# 2890
Delta R.T. 0.003 min
Lab File: VU045566.D
Acq: 05 Nov 2021 18:06

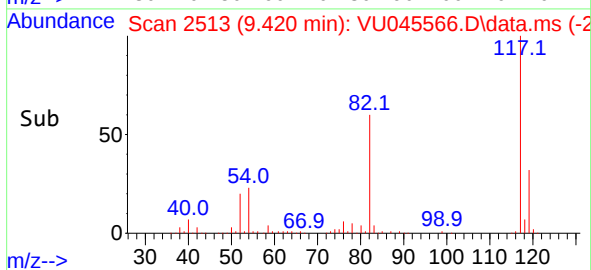
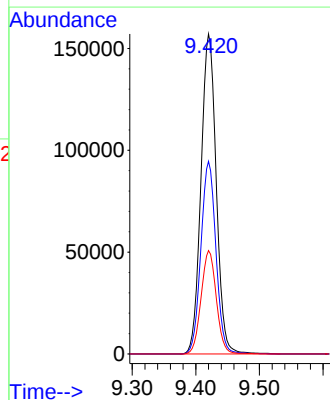
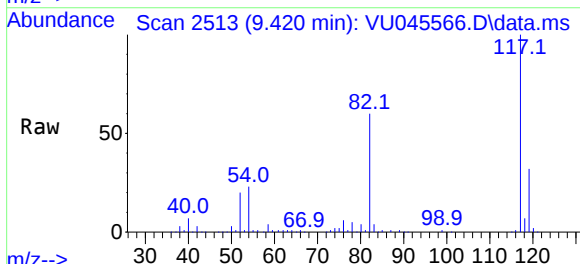
Instrument :
MSVOA_U
ClientSampleId :
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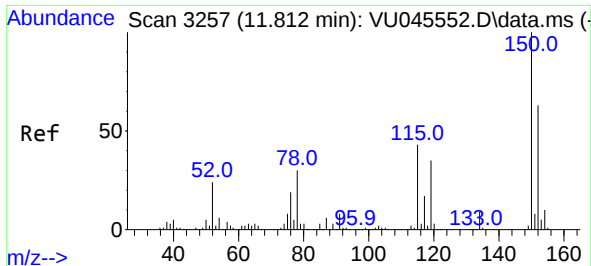
Tgt Ion: 95 Resp: 127838
Ion Ratio Lower Upper
95 100
174 73.4 0.0 141.8
176 71.2 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045566.D
Acq: 05 Nov 2021 18:06

Tgt Ion: 117 Resp: 261981
Ion Ratio Lower Upper
117 100
82 60.2 47.8 71.8
119 32.3 25.8 38.8

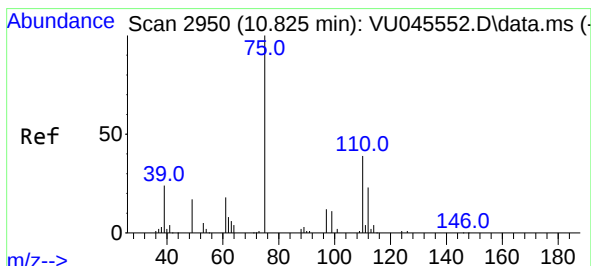
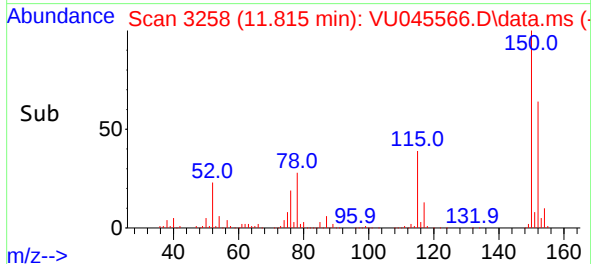
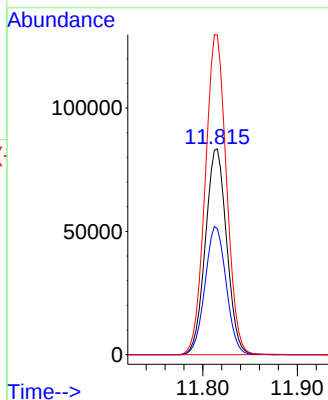
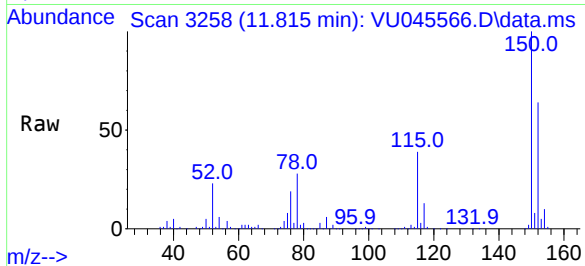




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.815 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU045566.D
Acq: 05 Nov 2021 18:06

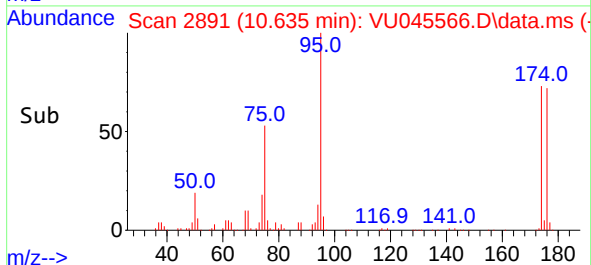
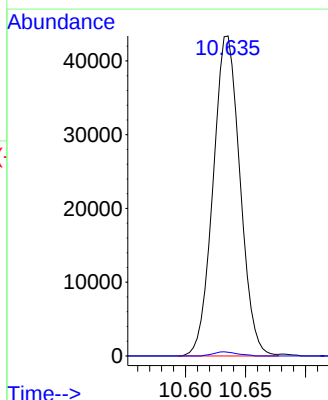
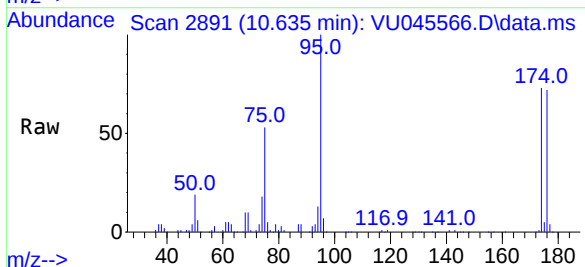
Instrument :
MSVOA_U
ClientSampleId :
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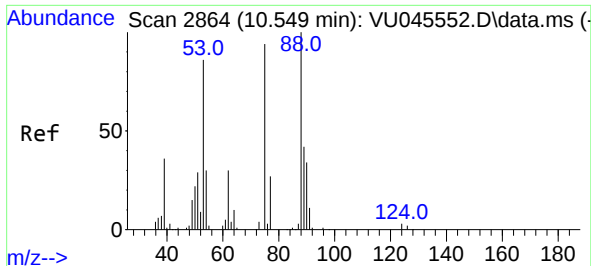
Tgt Ion:152 Resp: 130633
Ion Ratio Lower Upper
152 100
115 62.0 42.7 128.1
150 155.1 0.0 346.8



#76
1,2,3-Trichloropropane
Concen: 17.116 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. -0.190 min
Lab File: VU045566.D
Acq: 05 Nov 2021 18:06

Tgt Ion: 75 Resp: 67805
Ion Ratio Lower Upper
75 100
77 1.2 17.1 51.3#

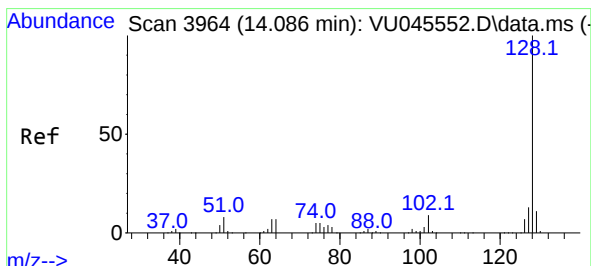
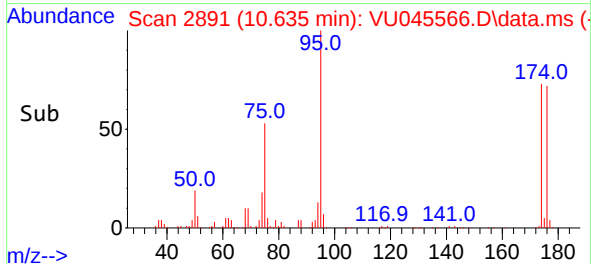
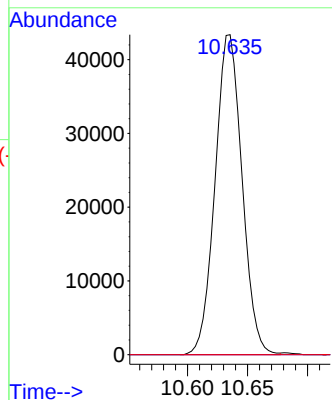
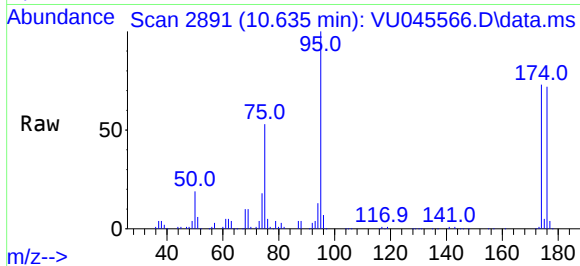




#81
trans-1,4-Dichloro-2-butene
Concen: 55.707 ug/l
RT: 10.635 min Scan# 21
Delta R.T. 0.086 min
Lab File: VU045566.D
Acq: 05 Nov 2021 18:06

Instrument :
MSVOA_U
ClientSampleId :
TRIP-BLANK

Tgt Ion: 75 Resp: 67805
Ion Ratio Lower Upper
75 100
53 0.0 76.2 114.4#
89 0.0 34.0 51.0#



#95
Naphthalene
Concen: 1.077 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. 0.006 min
Lab File: VU045566.D
Acq: 05 Nov 2021 18:06

Tgt Ion:128 Resp: 519
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 0.0 8.6 13.0#

