

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110221\
 Data File : VU045504.D
 Acq On : 01 Nov 2021 21:59
 Operator : SY/MD
 Sample : M4438-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TRIP-BLANK

Quant Time: Nov 02 07:38:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U102821W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 29 11:09:42 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

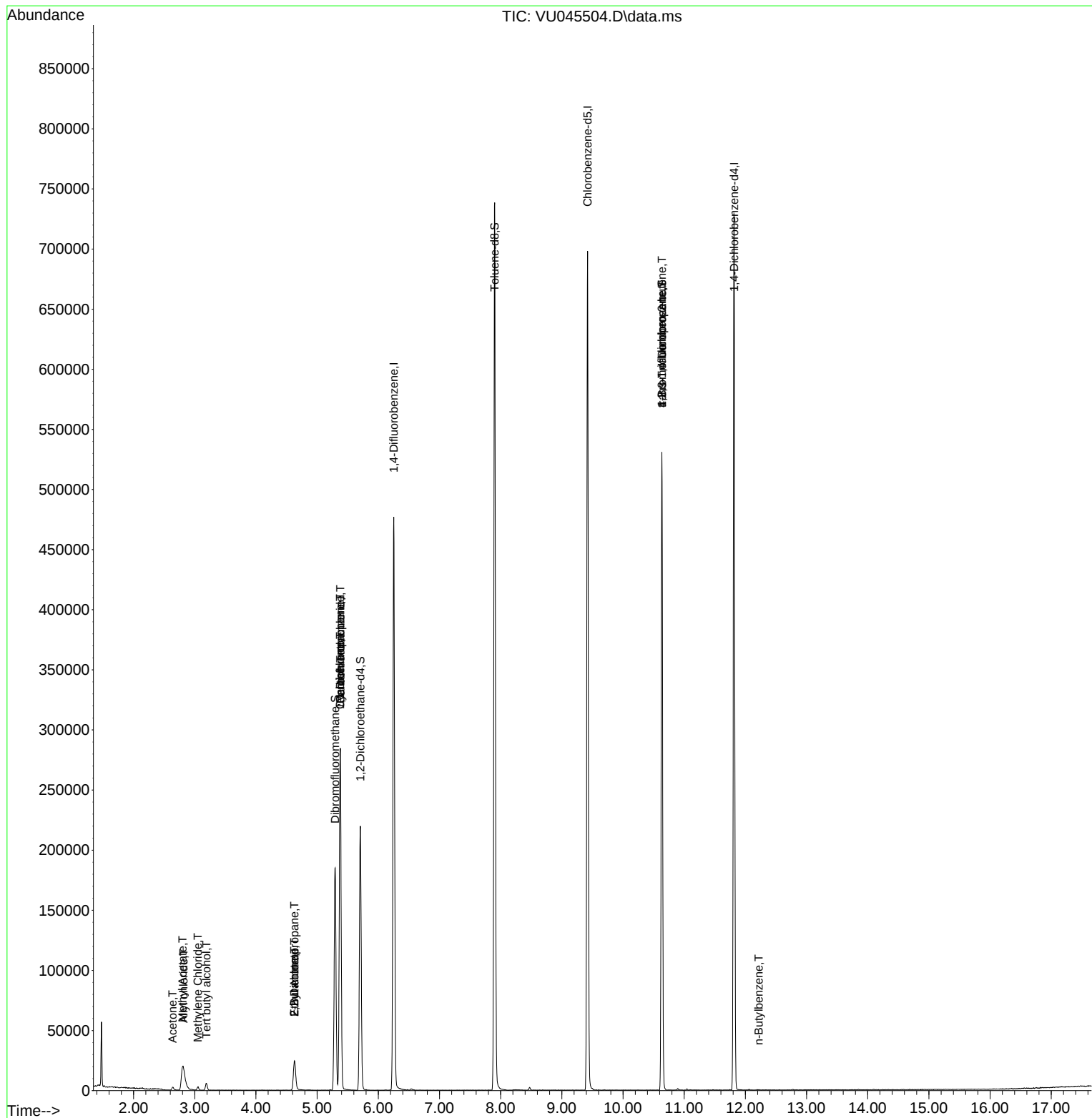
Internal Standards						
1) Pentafluorobenzene	5.378	168	192202	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	378770	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	372553	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	180802	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	163746	52.330	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.660%	
35) Dibromofluoromethane	5.295	113	121969	50.643	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.280%	
50) Toluene-d8	7.902	98	487266	51.594	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 103.180%	
62) 4-Bromofluorobenzene	10.635	95	183520	50.994	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.980%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.189	59	3585	5.308	ug/l #	72
14) Allyl chloride	2.816	41	4560	1.131	ug/l #	27
16) Acetone	2.639	43	3720	2.619	ug/l	91
18) Methyl Acetate	2.800	43	12736	2.408	ug/l #	50
20) Methylene Chloride	3.051	84	1422	0.502	ug/l	91
25) 2-Butanone	4.629	43	1107	0.516	ug/l #	47
26) 2,2-Dichloropropane	4.629	77	1656	0.463	ug/l #	53
31) Cyclohexane	5.375	56	4629	0.994	ug/l #	1
36) 1,1-Dichloropropene	5.375	75	17418	4.831	ug/l #	49
37) Ethyl Acetate	4.629	43	1107	0.254	ug/l #	1
38) Carbon Tetrachloride	5.378	117	19521	6.208	ug/l #	17
76) 1,2,3-Trichloropropane	10.635	75	95039	19.729	ug/l #	42
81) trans-1,4-Dichloro-2-b...	10.635	75	95039	54.835	ug/l #	12
89) n-Butylbenzene	12.217	91	242	0.959	ug/l #	41

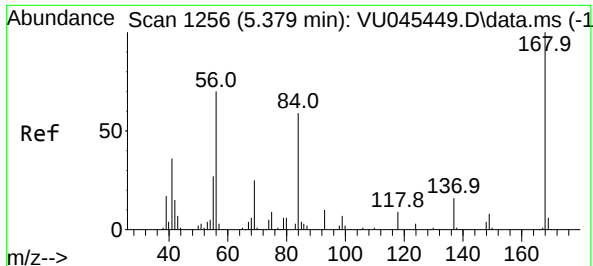
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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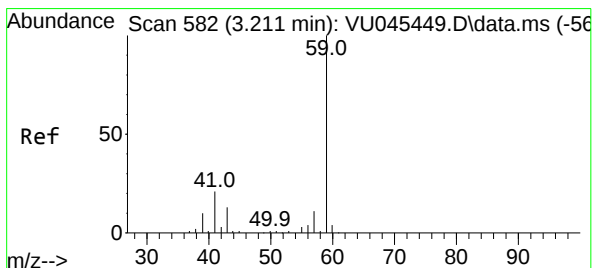
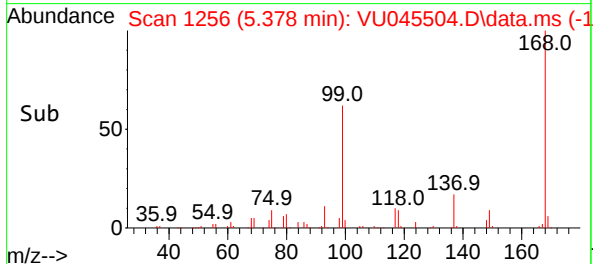
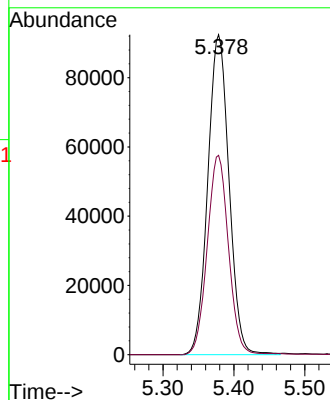
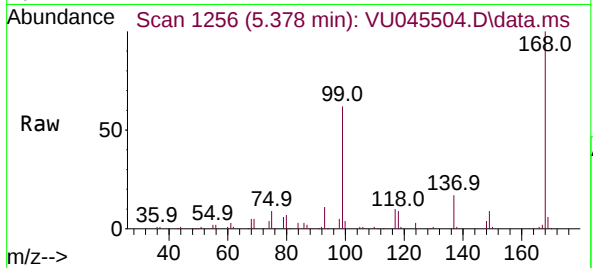




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 11
Delta R.T. -0.001 min
Lab File: VU045504.D
Acq: 01 Nov 2021 21:59

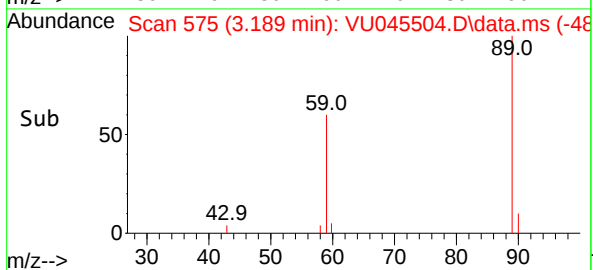
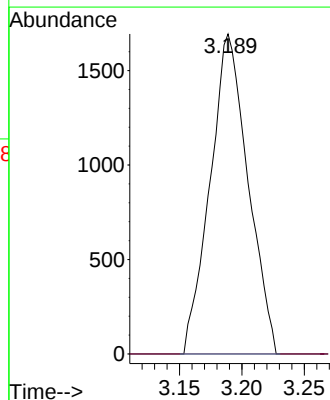
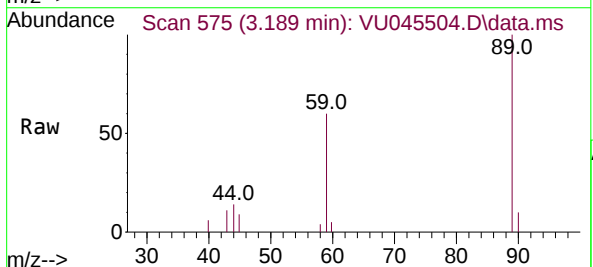
Instrument :
MSVOA_U
ClientSampleId :
TRIP-BLANK

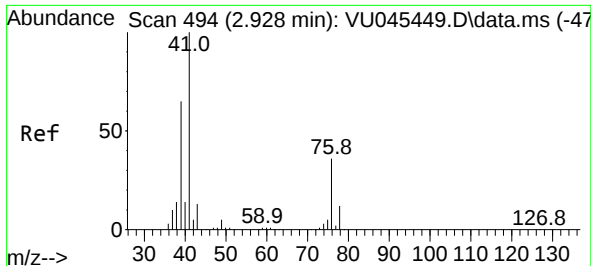
Tgt Ion:168 Resp: 192202
Ion Ratio Lower Upper
168 100
99 62.3 51.0 76.6



#11
Tert butyl alcohol
Concen: 5.308 ug/l
RT: 3.189 min Scan# 575
Delta R.T. -0.023 min
Lab File: VU045504.D
Acq: 01 Nov 2021 21:59

Tgt Ion: 59 Resp: 3585
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

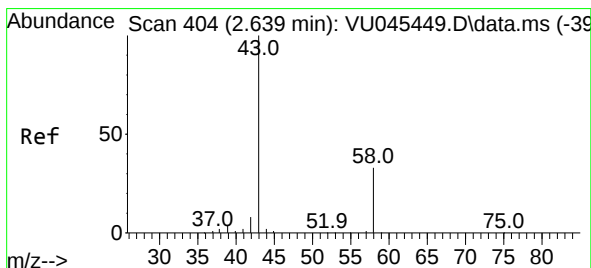
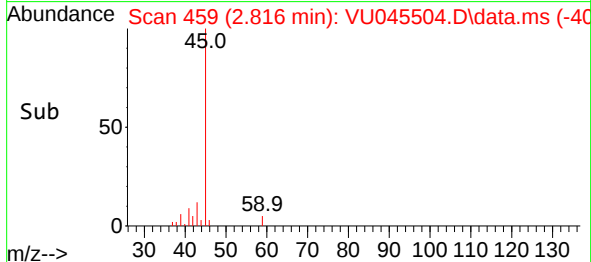
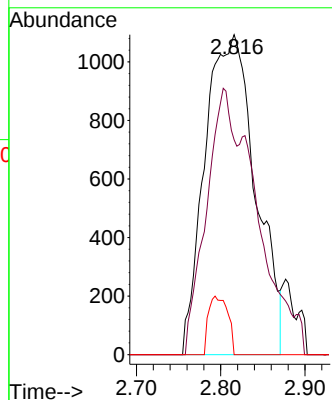
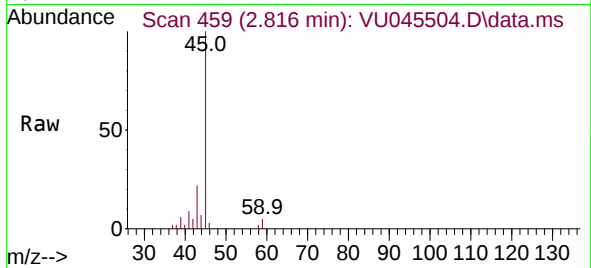




#14
 Allyl chloride
 Concen: 1.131 ug/l
 RT: 2.816 min Scan# 41
 Delta R.T. -0.113 min
 Lab File: VU045504.D
 Acq: 01 Nov 2021 21:59

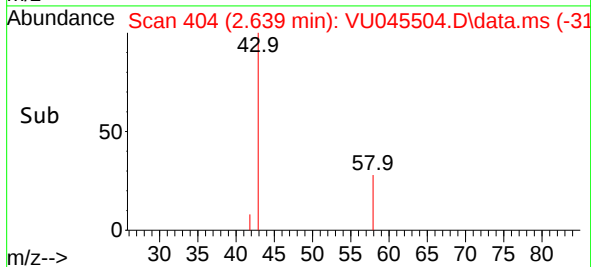
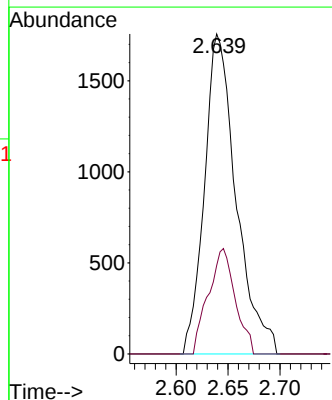
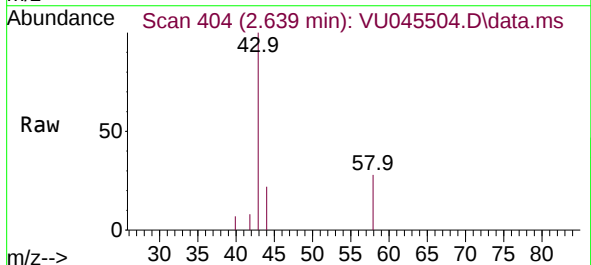
Instrument :
 MSVOA_U
 ClientSampleId :
 TRIP-BLANK

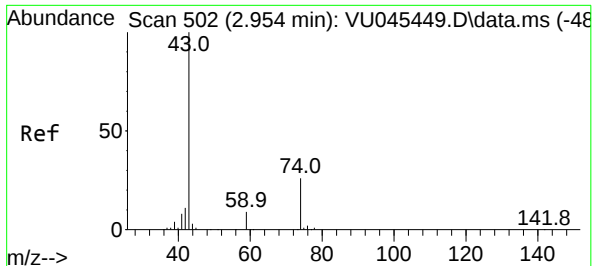
Tgt Ion: 41 Resp: 4560
 Ion Ratio Lower Upper
 41 100
 39 0.0 49.7 74.5#
 76 0.0 27.7 41.5#



#16
 Acetone
 Concen: 2.619 ug/l
 RT: 2.639 min Scan# 404
 Delta R.T. -0.000 min
 Lab File: VU045504.D
 Acq: 01 Nov 2021 21:59

Tgt Ion: 43 Resp: 3720
 Ion Ratio Lower Upper
 43 100
 58 27.7 26.2 39.2

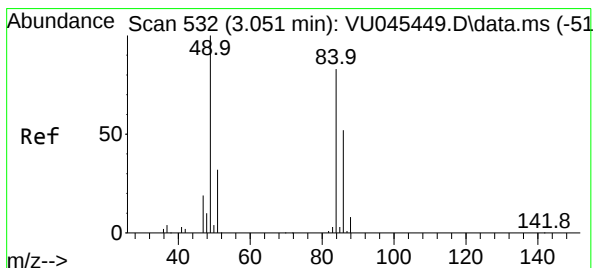
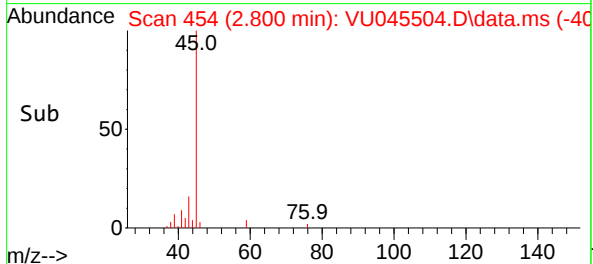
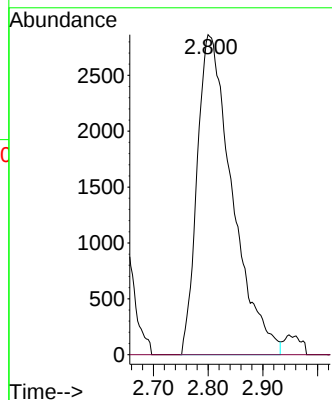
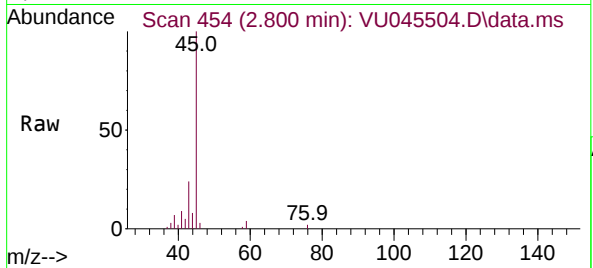




#18
Methyl Acetate
Concen: 2.408 ug/l
RT: 2.800 min Scan# 41
Delta R.T. -0.154 min
Lab File: VU045504.D
Acq: 01 Nov 2021 21:59

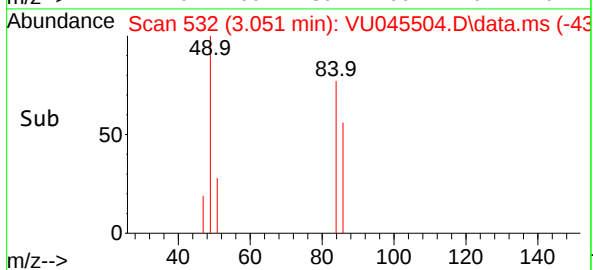
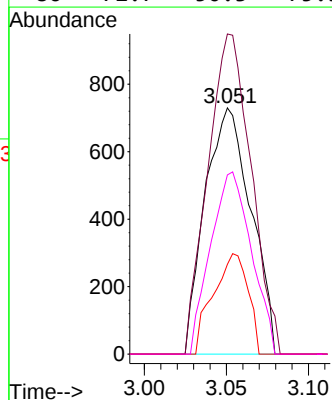
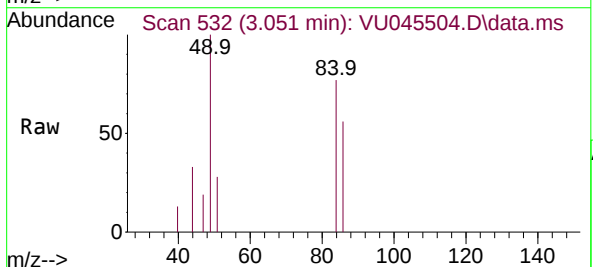
Instrument :
MSVOA_U
ClientSampleId :
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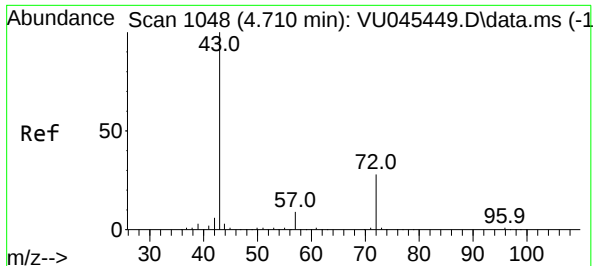
Tgt Ion: 43 Resp: 12736
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#



#20
Methylene Chloride
Concen: 0.502 ug/l
RT: 3.051 min Scan# 532
Delta R.T. -0.000 min
Lab File: VU045504.D
Acq: 01 Nov 2021 21:59

Tgt Ion: 84 Resp: 1422
Ion Ratio Lower Upper
84 100
49 130.0 96.4 144.6
51 36.4 30.5 45.7
86 72.7 50.3 75.5





#25

2-Butanone

Concen: 0.516 ug/l

RT: 4.629 min Scan# 1023

Delta R.T. -0.080 min

Lab File: VU045504.D

Acq: 01 Nov 2021 21:59

Instrument :

MSVOA_U

ClientSampleId :

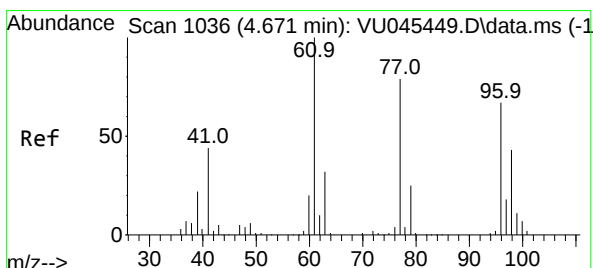
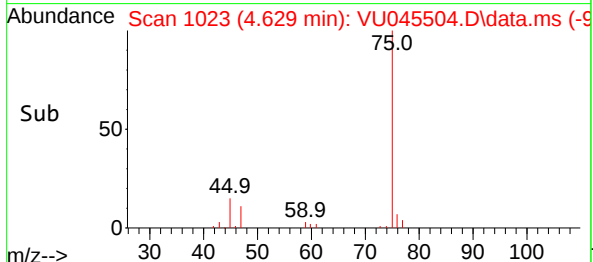
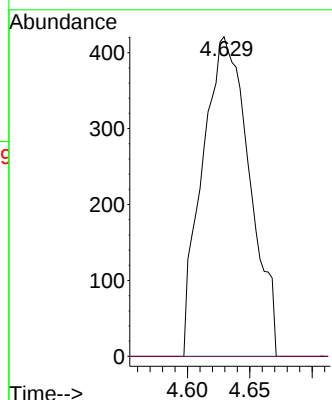
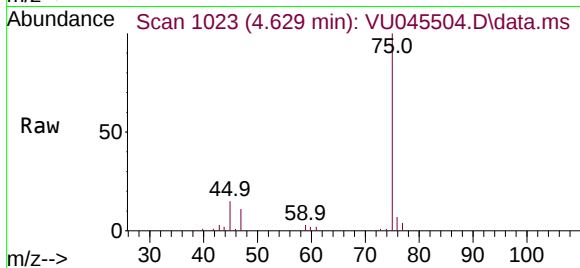
TRIP-BLANK

Tgt Ion: 43 Resp: 1107

Ion Ratio Lower Upper

43 100

72 0.0 22.0 33.0#



#26

2,2-Dichloropropane

Concen: 0.463 ug/l

RT: 4.629 min Scan# 1023

Delta R.T. -0.042 min

Lab File: VU045504.D

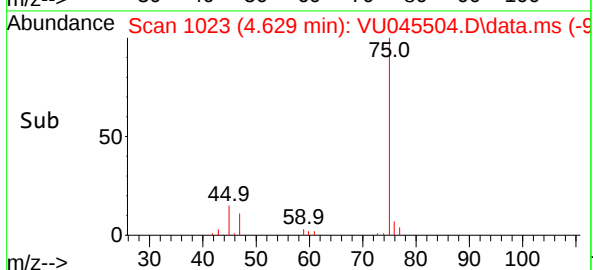
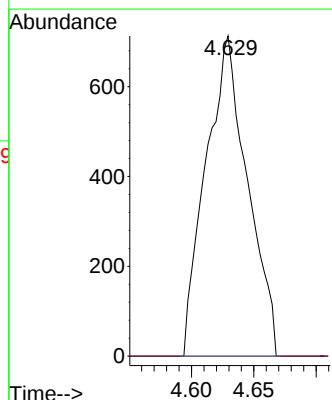
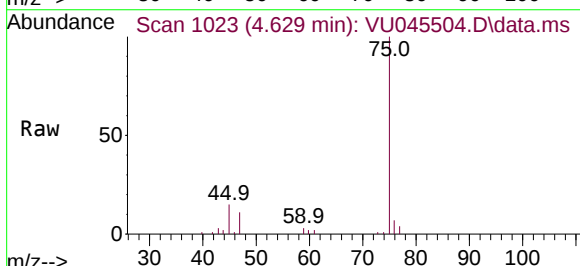
Acq: 01 Nov 2021 21:59

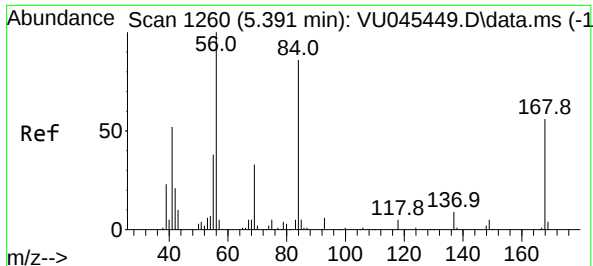
Tgt Ion: 77 Resp: 1656

Ion Ratio Lower Upper

77 100

97 0.0 11.4 34.1#

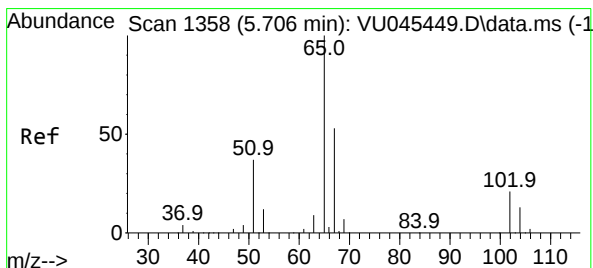
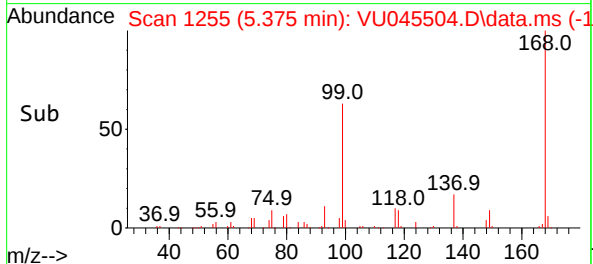
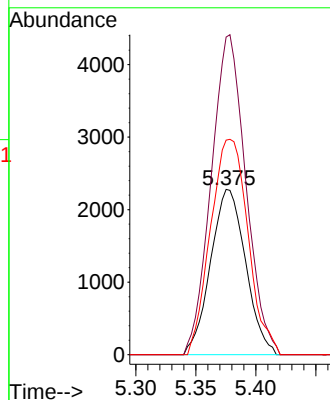
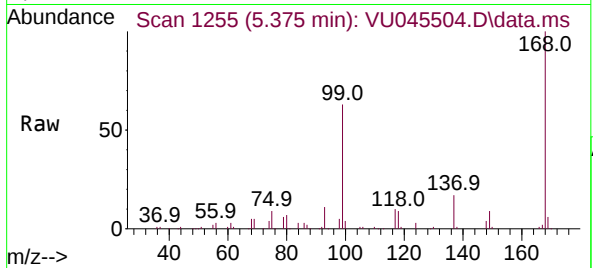




#31
Cyclohexane
Concen: 0.994 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.016 min
Lab File: VU045504.D
Acq: 01 Nov 2021 21:59

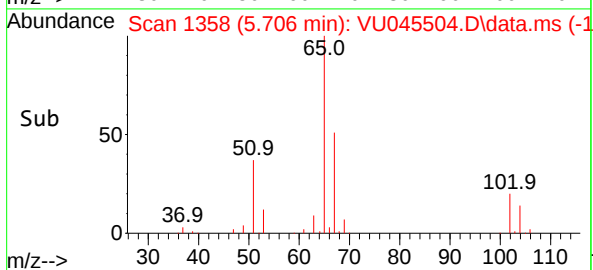
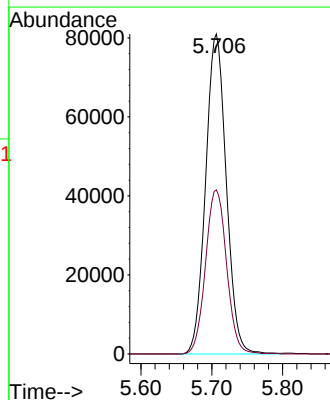
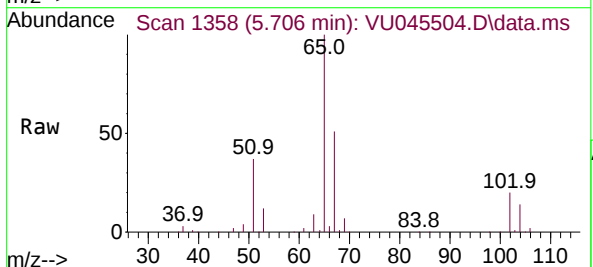
Instrument :
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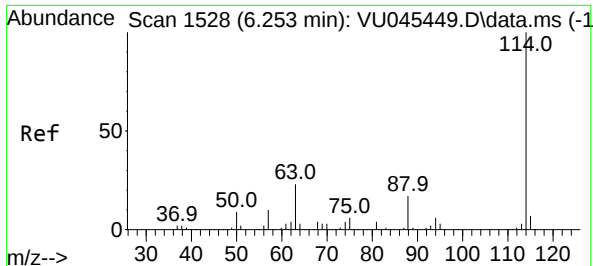
Tgt Ion: 56 Resp: 4629
Ion Ratio Lower Upper
56 100
69 192.2 26.4 39.6#
84 129.8 68.4 102.6#



#33
1,2-Dichloroethane-d4
Concen: 52.330 ug/l
RT: 5.706 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VU045504.D
Acq: 01 Nov 2021 21:59

Tgt Ion: 65 Resp: 163746
Ion Ratio Lower Upper
65 100
67 52.3 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU045504.D

Acq: 01 Nov 2021 21:59

Instrument :

MSVOA_U

ClientSampleId :

TRIP-BLANK

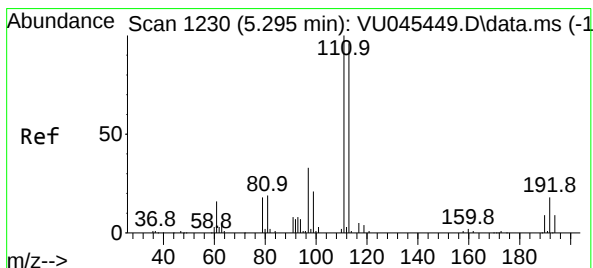
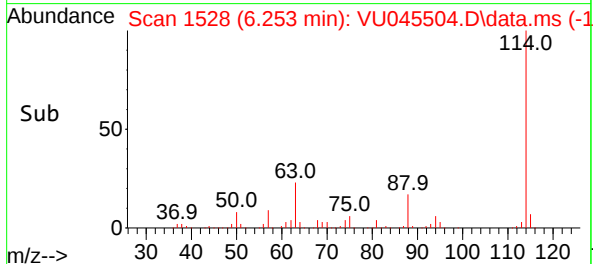
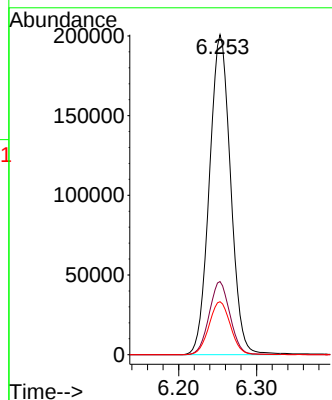
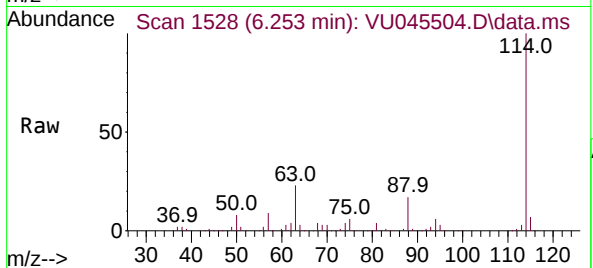
Tgt Ion:114 Resp: 378770

Ion Ratio Lower Upper

114 100

63 22.9 0.0 45.6

88 16.6 0.0 33.8



#35

Dibromofluoromethane

Concen: 50.643 ug/l

RT: 5.295 min Scan# 1230

Delta R.T. -0.000 min

Lab File: VU045504.D

Acq: 01 Nov 2021 21:59

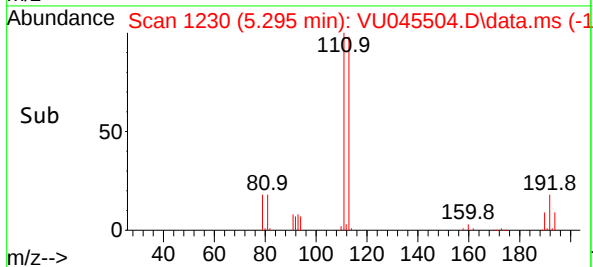
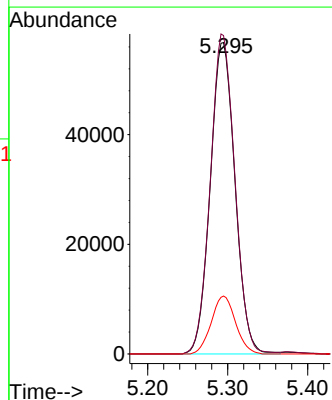
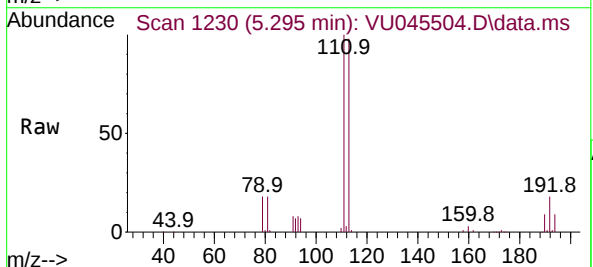
Tgt Ion:113 Resp: 121969

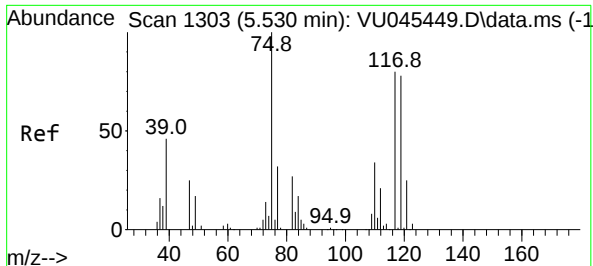
Ion Ratio Lower Upper

113 100

111 101.8 82.8 124.2

192 18.3 14.8 22.2





#36

1,1-Dichloropropene

Concen: 4.831 ug/l

RT: 5.375 min Scan# 11

Delta R.T. -0.154 min

Lab File: VU045504.D

Acq: 01 Nov 2021 21:59

Instrument :

MSVOA_U

ClientSampleId :

TRIP-BLANK

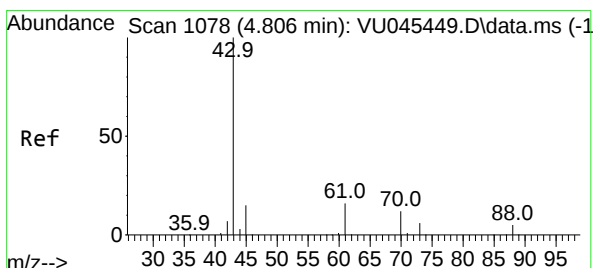
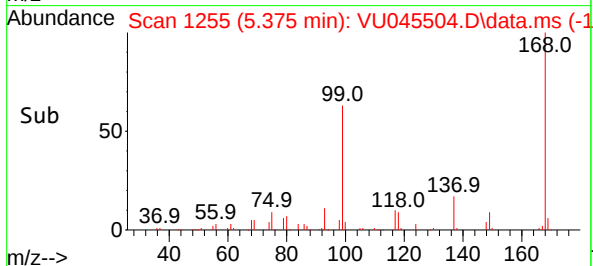
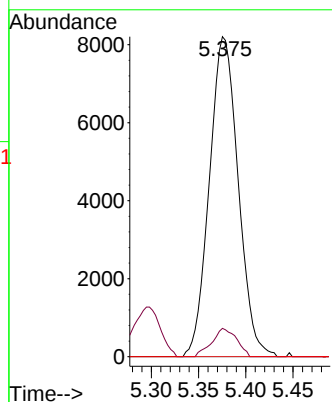
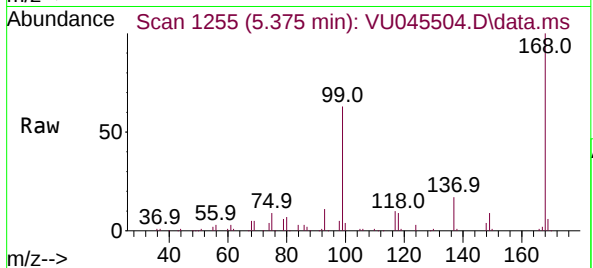
Tgt Ion: 75 Resp: 17418

Ion Ratio Lower Upper

75 100

110 7.6 16.7 50.0#

77 0.0 25.0 37.4#



#37

Ethyl Acetate

Concen: 0.254 ug/l

RT: 4.629 min Scan# 1023

Delta R.T. -0.177 min

Lab File: VU045504.D

Acq: 01 Nov 2021 21:59

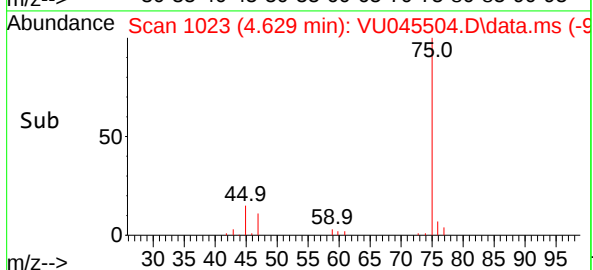
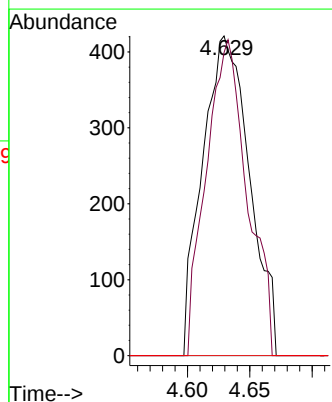
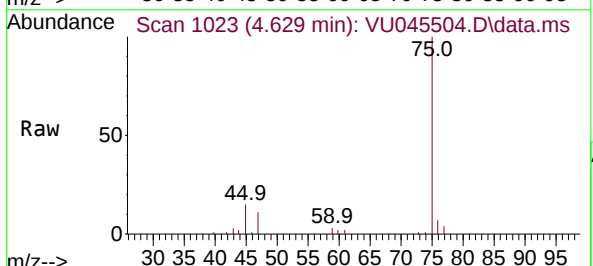
Tgt Ion: 43 Resp: 1107

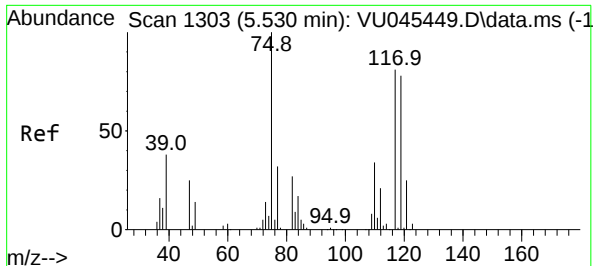
Ion Ratio Lower Upper

43 100

61 86.2 11.6 17.4#

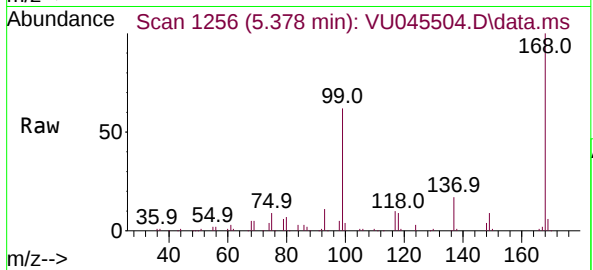
70 0.0 9.1 13.7#



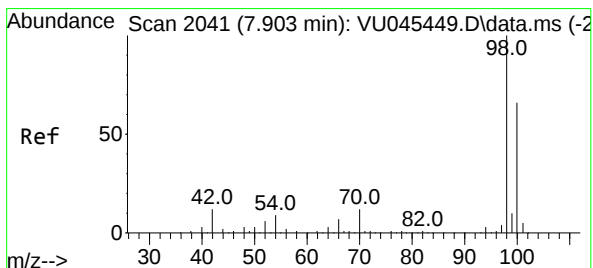
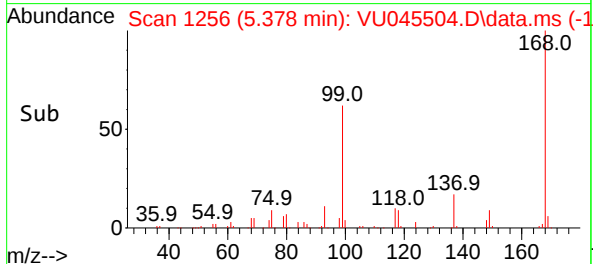
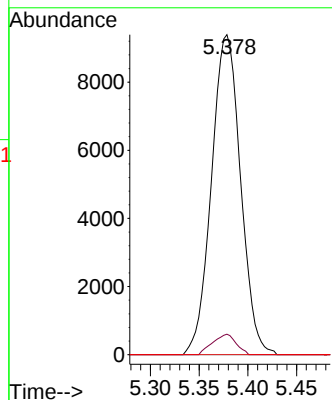


#38
Carbon Tetrachloride
Concen: 6.208 ug/l
RT: 5.378 min Scan# 117
Delta R.T. -0.151 min
Lab File: VU045504.D
Acq: 01 Nov 2021 21:59

Instrument :
MSVOA_U
ClientSampleId :
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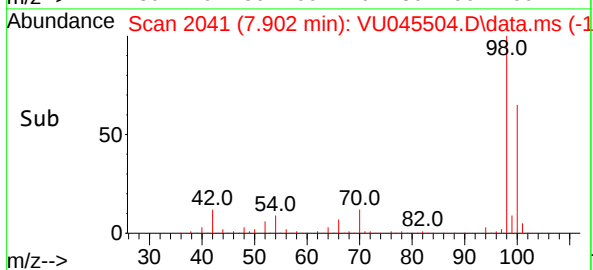
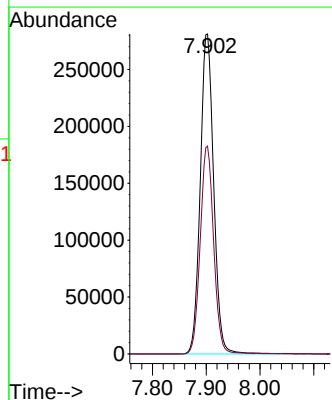
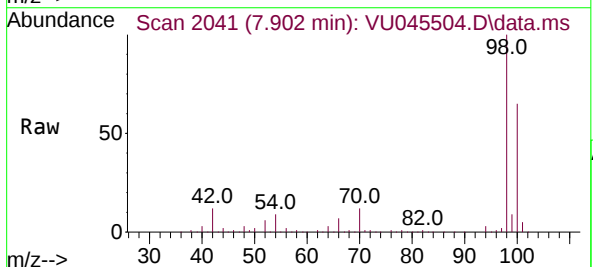


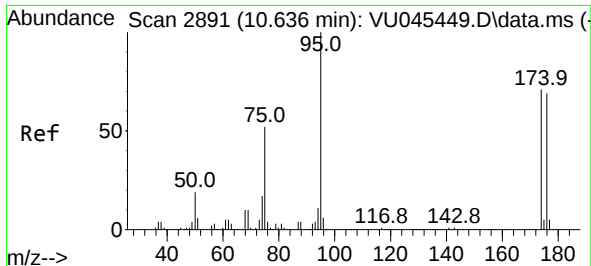
Tgt Ion:117 Resp: 19521
Ion Ratio Lower Upper
117 100
119 6.4 77.4 116.0#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 51.594 ug/l
RT: 7.902 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VU045504.D
Acq: 01 Nov 2021 21:59

Tgt Ion: 98 Resp: 487266
Ion Ratio Lower Upper
98 100
100 65.0 52.5 78.7

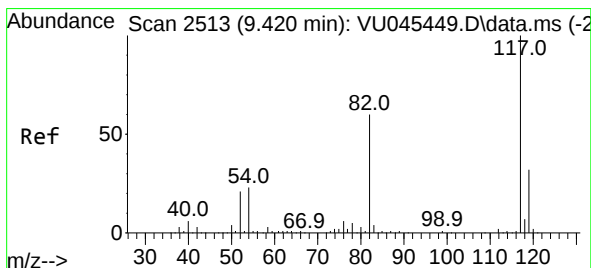
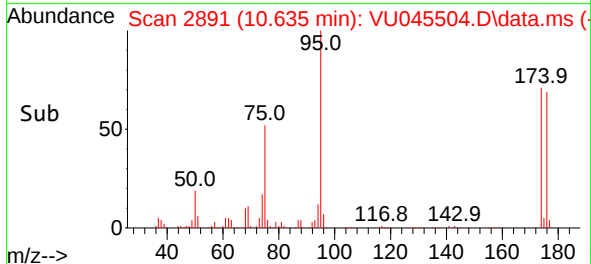
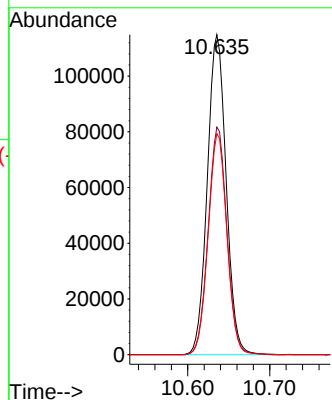
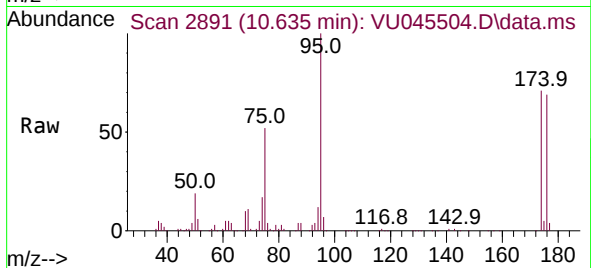




#62
4-Bromofluorobenzene
Concen: 50.994 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. -0.000 min
Lab File: VU045504.D
Acq: 01 Nov 2021 21:59

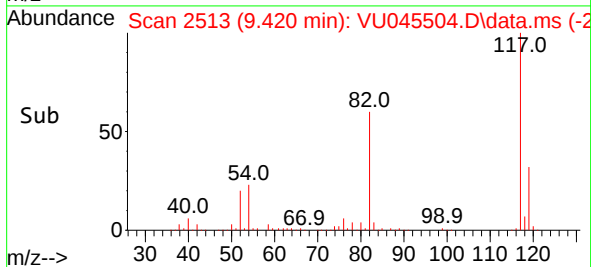
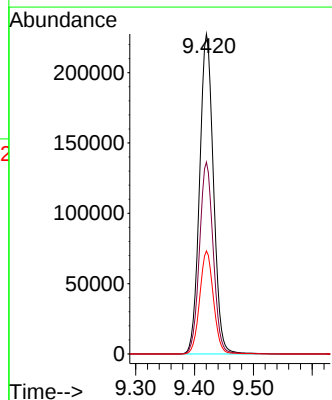
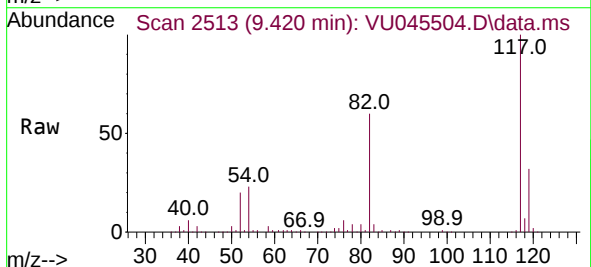
Instrument :
MSVOA_U
ClientSampleId :
TRIP-BLANK

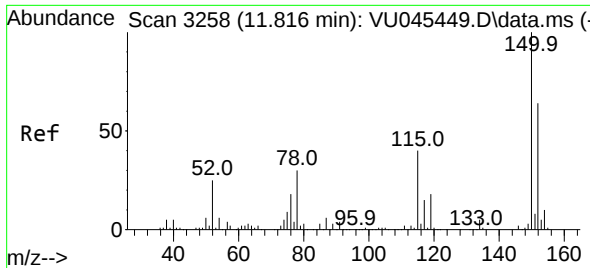
Tgt Ion: 95 Resp: 183520
Ion Ratio Lower Upper
95 100
174 70.8 0.0 141.8
176 68.5 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045504.D
Acq: 01 Nov 2021 21:59

Tgt Ion: 117 Resp: 372553
Ion Ratio Lower Upper
117 100
82 60.0 47.8 71.8
119 32.2 25.8 38.8

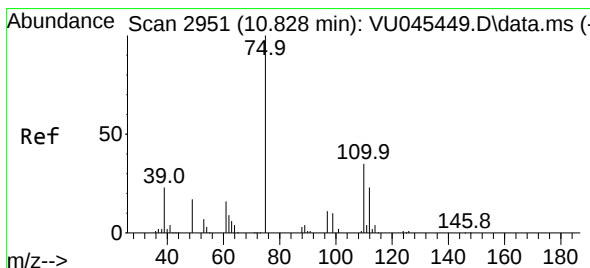
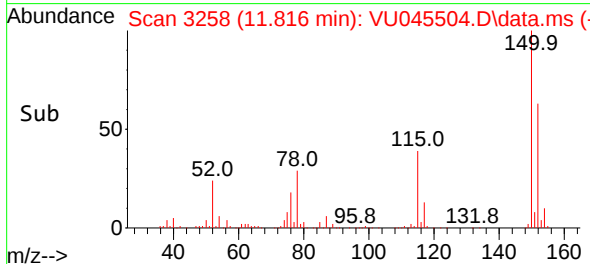
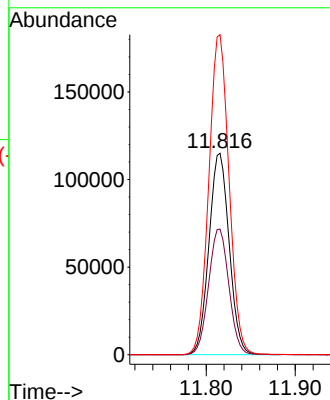
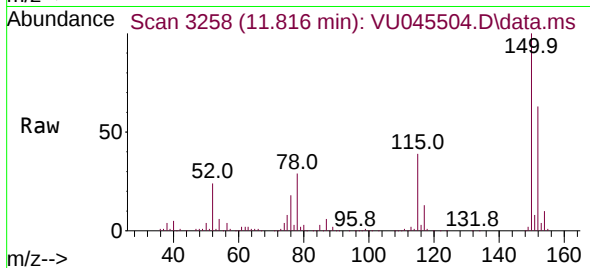




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.816 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU045504.D
 Acq: 01 Nov 2021 21:59

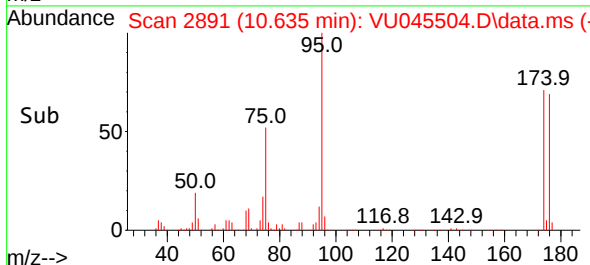
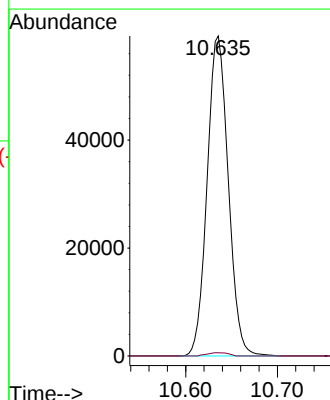
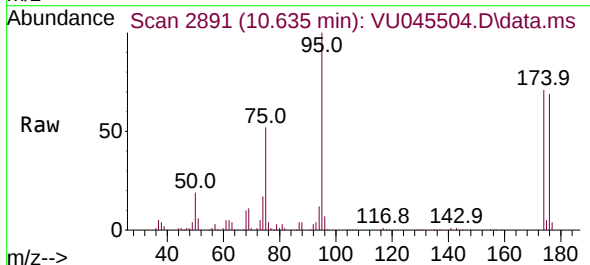
Instrument :
 MSVOA_U
 ClientSampleId :
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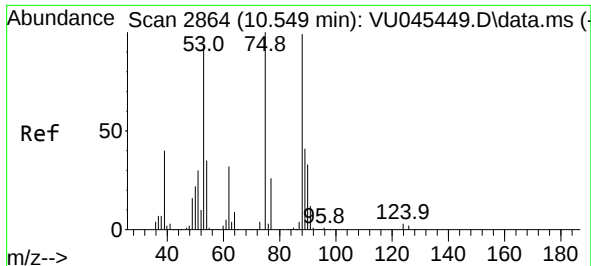
Tgt Ion:152 Resp: 180802
 Ion Ratio Lower Upper
 152 100
 115 62.6 42.7 128.1
 150 158.7 0.0 346.8



#76
 1,2,3-Trichloropropane
 Concen: 19.729 ug/l
 RT: 10.635 min Scan# 2891
 Delta R.T. -0.193 min
 Lab File: VU045504.D
 Acq: 01 Nov 2021 21:59

Tgt Ion: 75 Resp: 95039
 Ion Ratio Lower Upper
 75 100
 77 1.0 17.1 51.3#

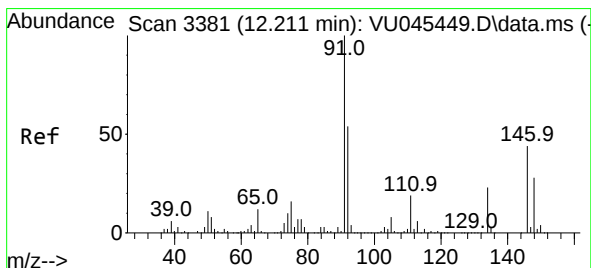
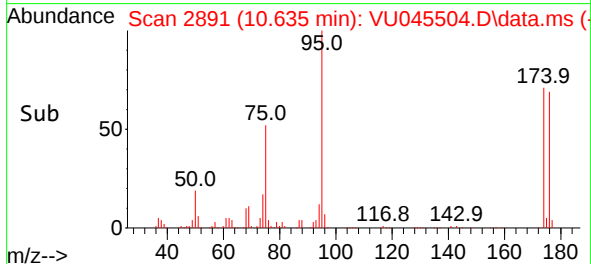
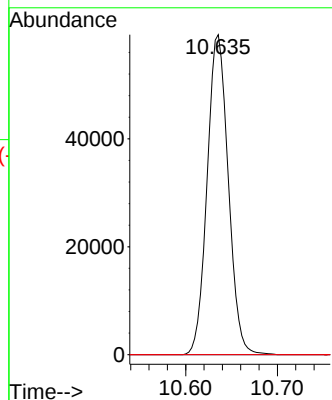
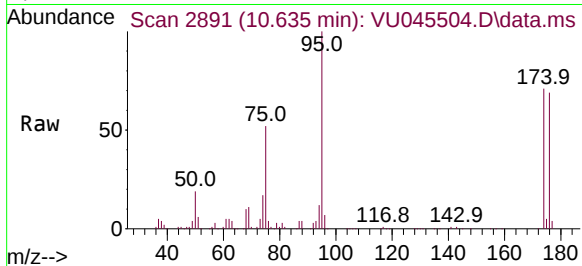




#81
trans-1,4-Dichloro-2-butene
Concen: 54.835 ug/l
RT: 10.635 min Scan# 21
Delta R.T. 0.086 min
Lab File: VU045504.D
Acq: 01 Nov 2021 21:59

Instrument :
MSVOA_U
ClientSampleId :
TRIP-BLANK

Tgt Ion: 75 Resp: 95039
Ion Ratio Lower Upper
75 100
53 0.0 76.2 114.4#
89 0.0 34.0 51.0#



#89
n-Butylbenzene
Concen: 0.959 ug/l
RT: 12.217 min Scan# 3383
Delta R.T. 0.006 min
Lab File: VU045504.D
Acq: 01 Nov 2021 21:59

Tgt Ion: 91 Resp: 242
Ion Ratio Lower Upper
91 100
92 8.7 27.1 81.2#
134 0.0 11.8 35.4#

