

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110821\
 Data File : VU045645.D
 Acq On : 09 Nov 2021 03:26
 Operator : SY/MD
 Sample : M4541-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 09 11:17:43 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

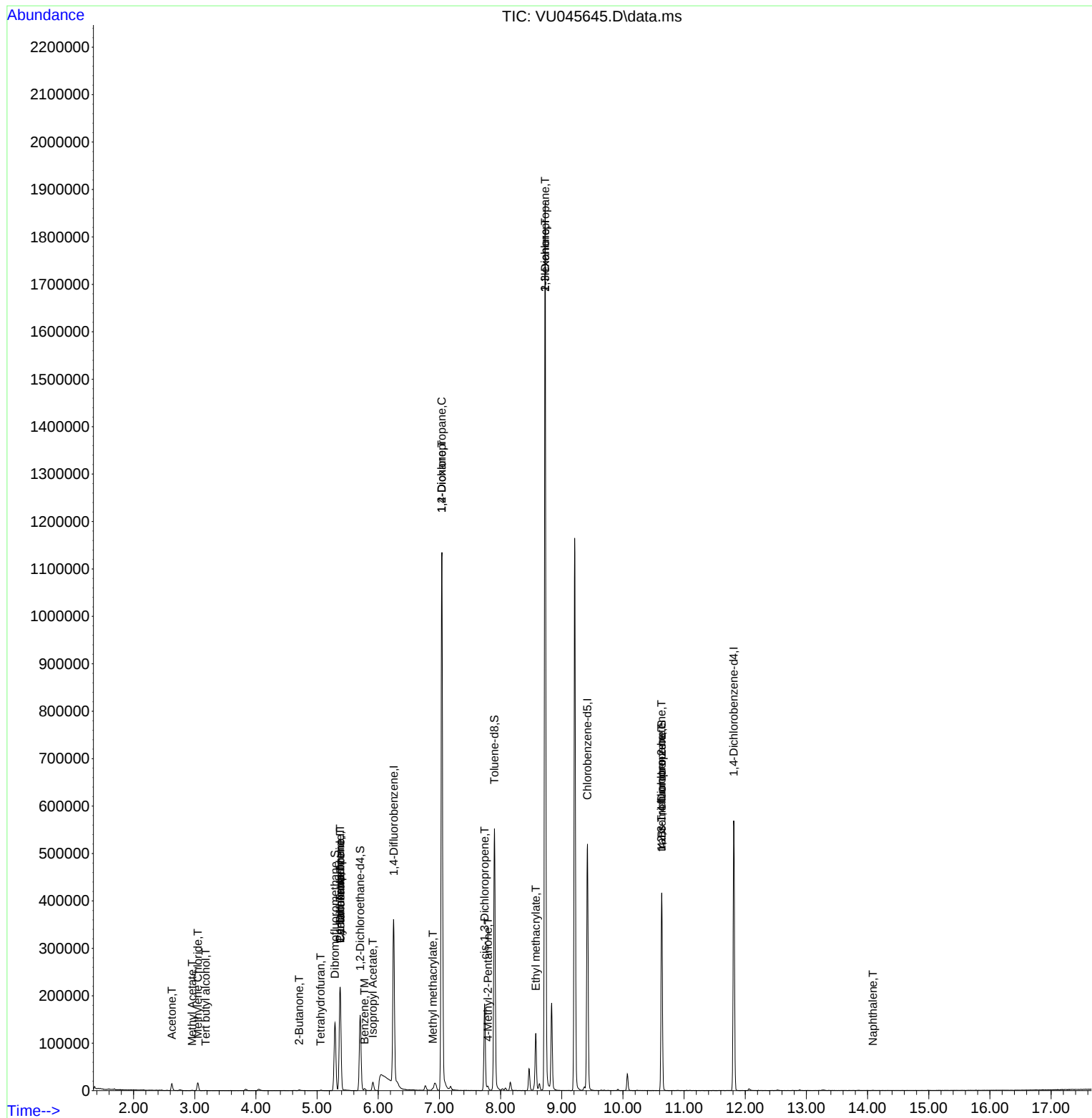
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.379	168	145659	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	272575	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	281489	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	140532	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	117430	53.832	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.660%	
35) Dibromofluoromethane	5.292	113	91646	50.359	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.720%	
50) Toluene-d8	7.899	98	363545	53.723	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 107.440%	
62) 4-Bromofluorobenzene	10.636	95	139102	51.262	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.520%	
Target Compounds						Qvalue
11) Tert butyl alcohol	3.179	59	270	0.625	ug/l #	72
16) Acetone	2.626	43	16568	14.920	ug/l	95
18) Methyl Acetate	2.957	43	991	0.262	ug/l #	50
20) Methylene Chloride	3.051	84	7979	4.135	ug/l	96
25) 2-Butanone	4.707	43	2798	1.817	ug/l	90
29) Tetrahydrofuran	5.060	42	674	0.715	ug/l #	65
31) Cyclohexane	5.379	56	3226	1.014	ug/l #	1
36) 1,1-Dichloropropene	5.375	75	12956	4.875	ug/l #	51
38) Carbon Tetrachloride	5.375	117	15547	5.802	ug/l #	15
40) Benzene	5.774	78	3446	0.438	ug/l	99
43) Isopropyl Acetate	5.912	43	19528	4.182	ug/l	99
45) 1,2-Dichloropropane	7.038	63	1265	0.608	ug/l #	43
48) Methyl methacrylate	6.893	41	6356	2.957	ug/l #	13
49) 1,4-Dioxane	7.038	88	41	0.742	ug/l #	1
51) 4-Methyl-2-Pentanone	7.793	43	5395	1.751	ug/l #	85
54) cis-1,3-Dichloropropene	7.739	75	33518	10.031	ug/l #	60
56) Ethyl methacrylate	8.578	69	677	2.604	ug/l #	1
57) 1,3-Dichloropropane	8.729	76	18733	5.209	ug/l #	42
59) 2-Hexanone	8.729	43	247108	96.947	ug/l #	48
76) 1,2,3-Trichloropropane	10.632	75	72480	17.007	ug/l #	42
81) trans-1,4-Dichloro-2-b...	10.632	75	72480	55.372	ug/l #	12
95) Naphthalene	14.089	128	600	1.080	ug/l #	69

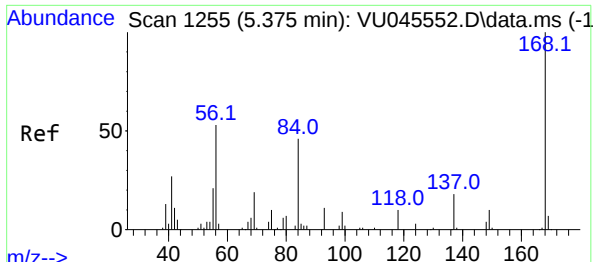
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VU045645.D
Acq On : 09 Nov 2021 03:26
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ClientSampleId :

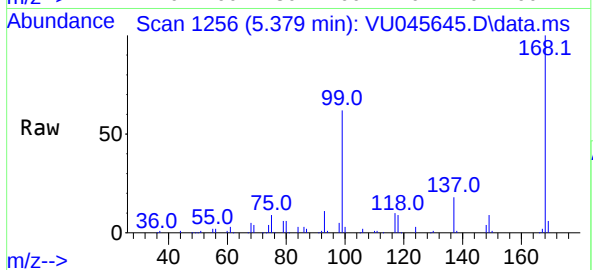
Quant Time: Nov 09 11:17:43 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 05 13:35:16 2021
Response via : Initial Calibration



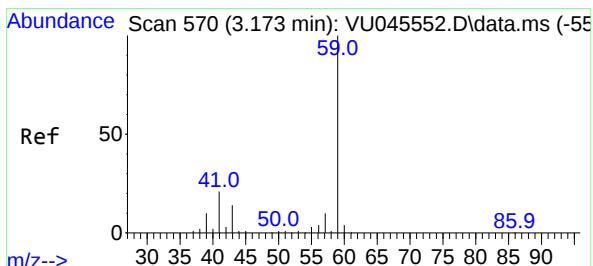
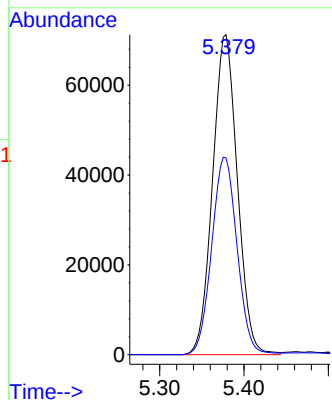
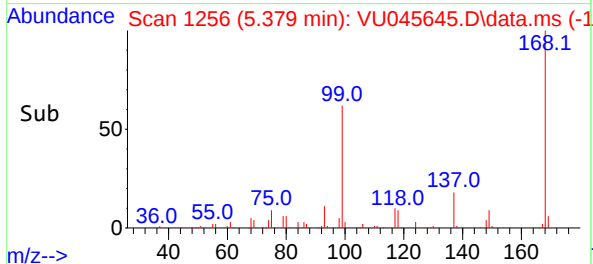


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.379 min Scan# 11
Delta R.T. 0.004 min
Lab File: VU045645.D
Acq: 09 Nov 2021 03:26

Instrument :
MSVOA_U
ClientSampleId :

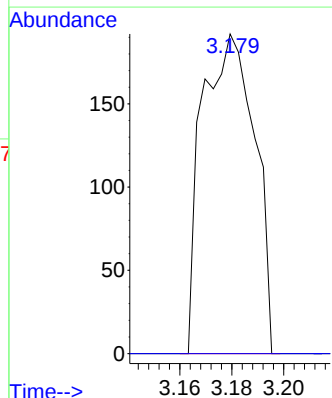
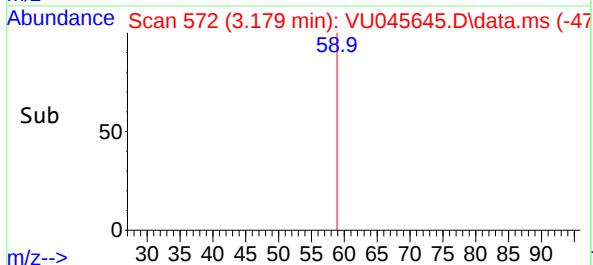
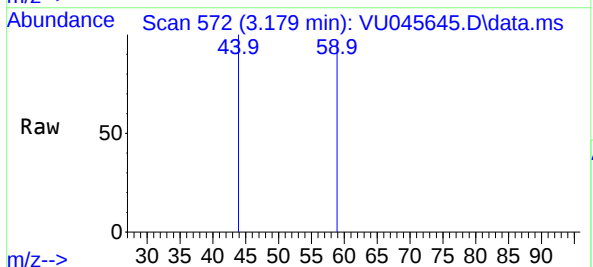


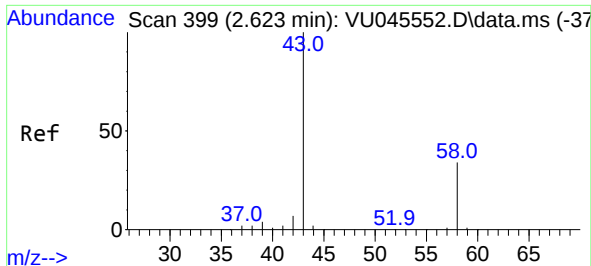
Tgt Ion:168 Resp: 145659
Ion Ratio Lower Upper
168 100
99 61.5 51.0 76.6



#11
Tert butyl alcohol
Concen: 0.625 ug/l
RT: 3.179 min Scan# 572
Delta R.T. 0.007 min
Lab File: VU045645.D
Acq: 09 Nov 2021 03:26

Tgt Ion: 59 Resp: 270
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

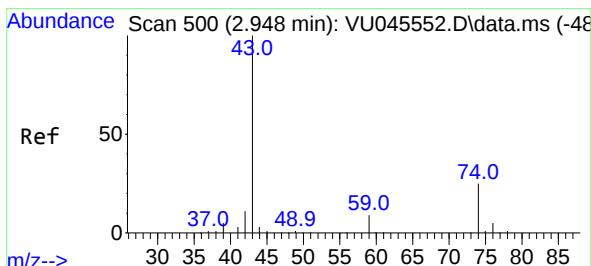
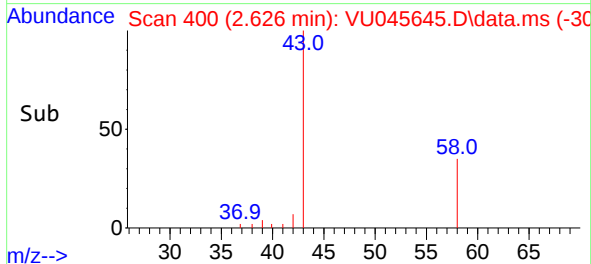
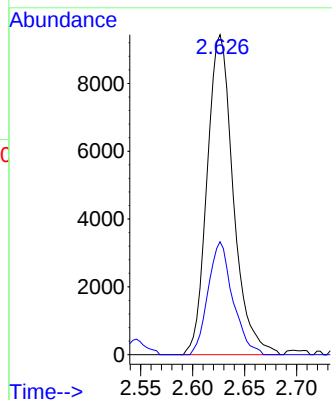
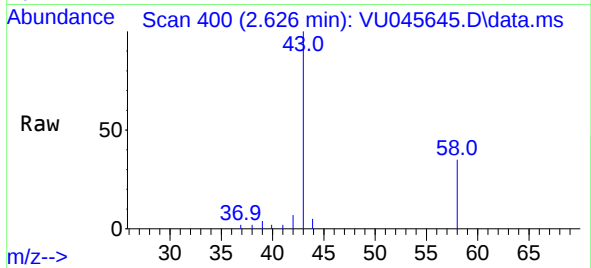




#16
Acetone
Concen: 14.920 ug/l
RT: 2.626 min Scan# 40
Delta R.T. 0.003 min
Lab File: VU045645.D
Acq: 09 Nov 2021 03:26

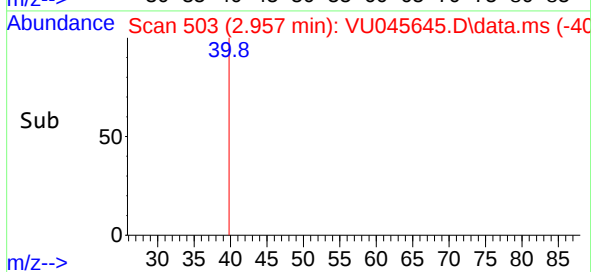
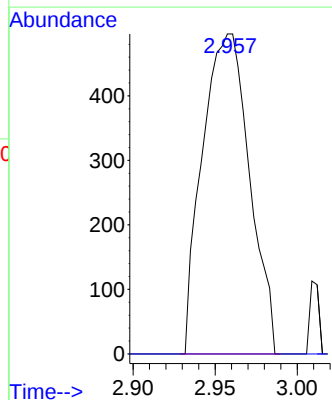
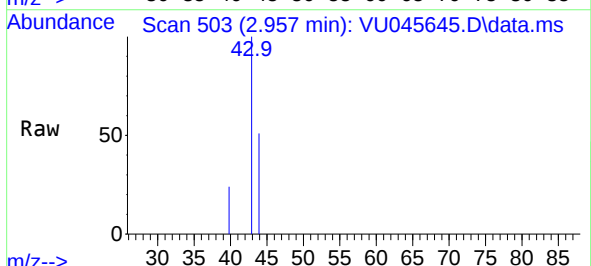
Instrument :
MSVOA_U
ClientSampleId :

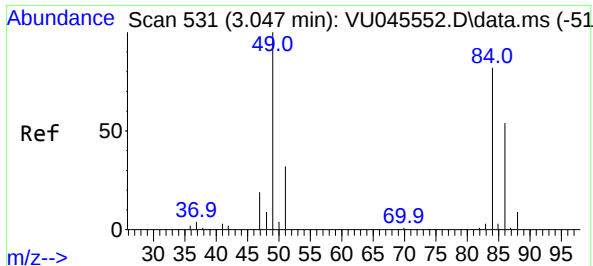
Tgt Ion: 43 Resp: 16568
Ion Ratio Lower Upper
43 100
58 35.3 26.2 39.2



#18
Methyl Acetate
Concen: 0.262 ug/l
RT: 2.957 min Scan# 503
Delta R.T. 0.010 min
Lab File: VU045645.D
Acq: 09 Nov 2021 03:26

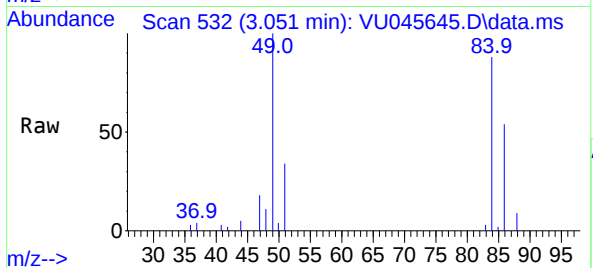
Tgt Ion: 43 Resp: 991
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#





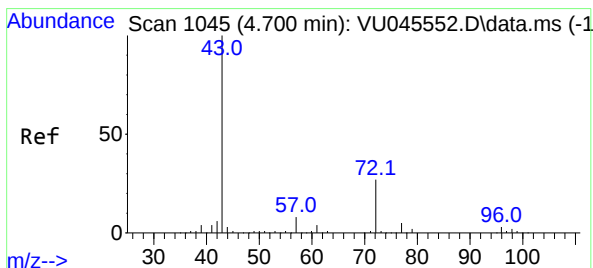
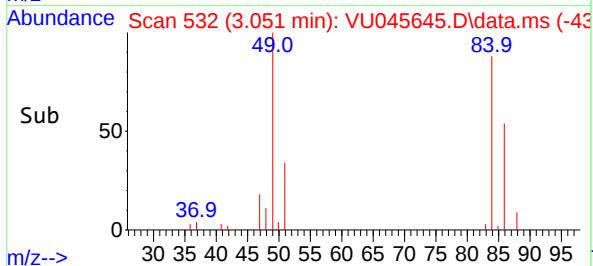
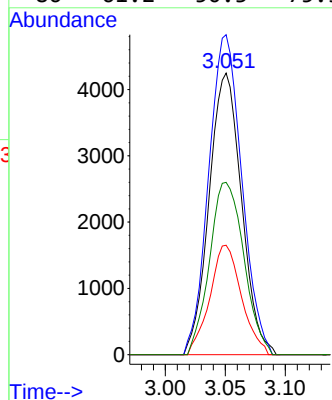
#20
Methylene Chloride
Concen: 4.135 ug/l
RT: 3.051 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU045645.D
Acq: 09 Nov 2021 03:26

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 84 Resp: 7979

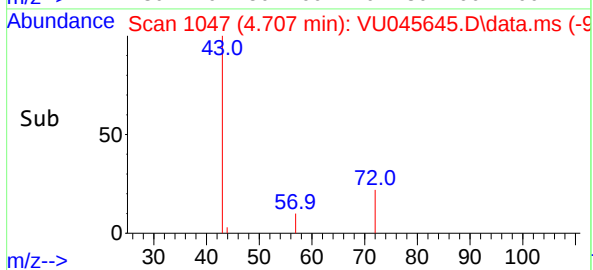
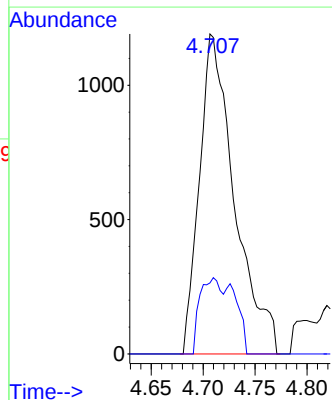
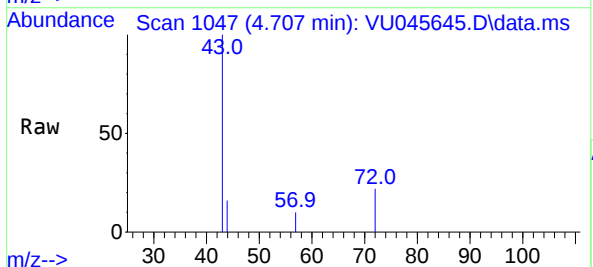
Ion	Ratio	Lower	Upper
84	100		
49	113.7	96.4	144.6
51	38.9	30.5	45.7
86	61.2	50.3	75.5

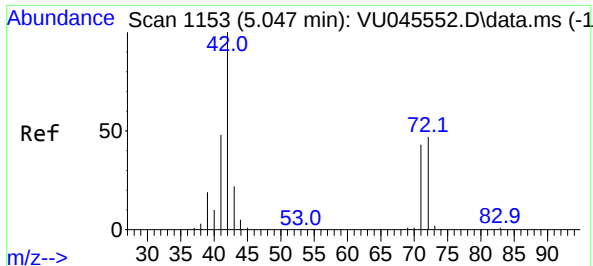


#25
2-Butanone
Concen: 1.817 ug/l
RT: 4.707 min Scan# 1047
Delta R.T. 0.007 min
Lab File: VU045645.D
Acq: 09 Nov 2021 03:26

Tgt Ion: 43 Resp: 2798

Ion	Ratio	Lower	Upper
43	100		
72	22.2	22.0	33.0





#29

Tetrahydrofuran

Concen: 0.715 ug/l

RT: 5.060 min Scan# 1157

Delta R.T. 0.013 min

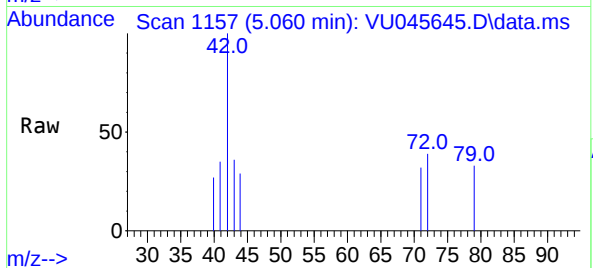
Lab File: VU045645.D

Acq: 09 Nov 2021 03:26

Instrument :

MSVOA_U

ClientSampleId :



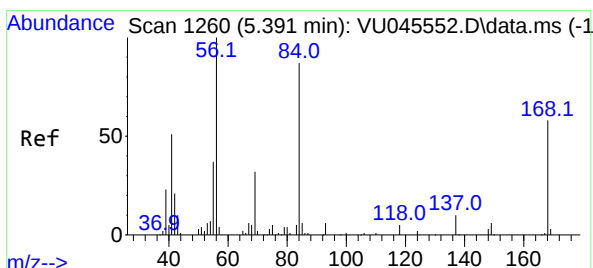
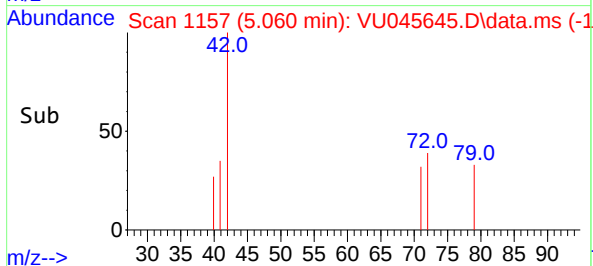
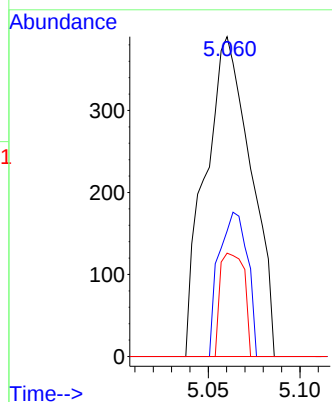
Tgt Ion: 42 Resp: 674

Ion Ratio Lower Upper

42 100

72 28.2 38.2 57.4#

71 16.9 35.4 53.2#



#31

Cyclohexane

Concen: 1.014 ug/l

RT: 5.379 min Scan# 1256

Delta R.T. -0.013 min

Lab File: VU045645.D

Acq: 09 Nov 2021 03:26

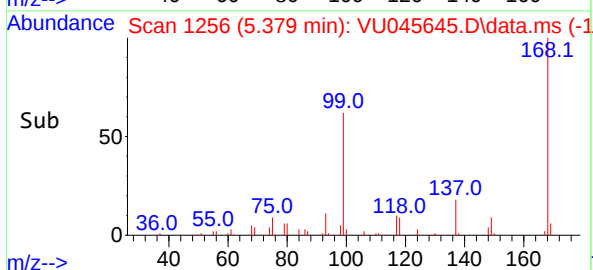
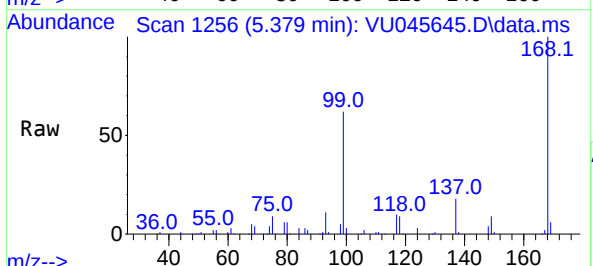
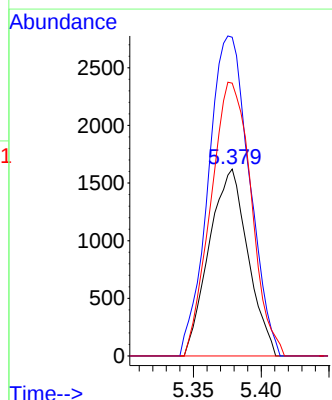
Tgt Ion: 56 Resp: 3226

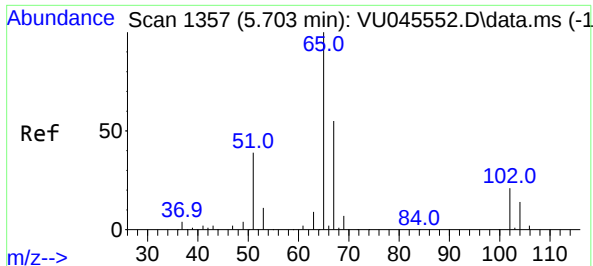
Ion Ratio Lower Upper

56 100

69 170.5 26.4 39.6#

84 145.9 68.4 102.6#

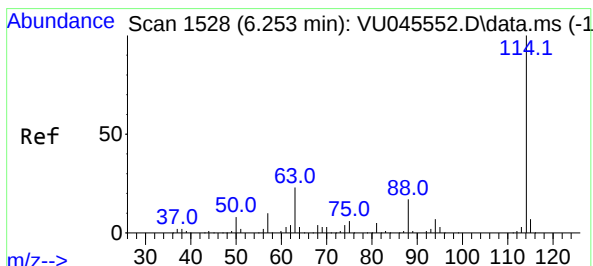
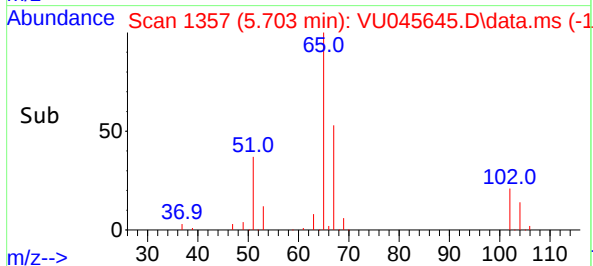
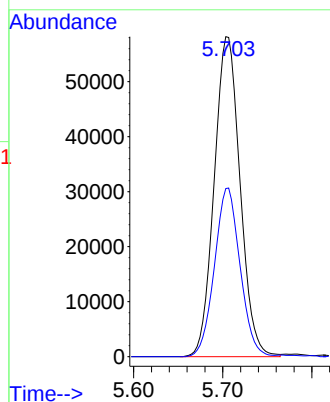
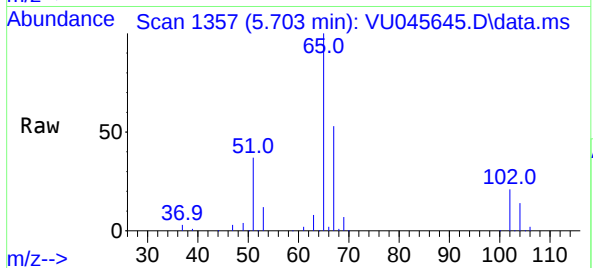




#33
1,2-Dichloroethane-d4
Concen: 53.832 ug/l
RT: 5.703 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045645.D
Acq: 09 Nov 2021 03:26

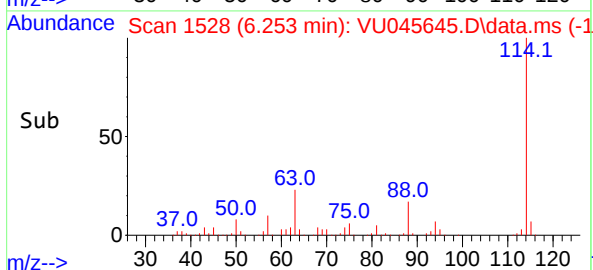
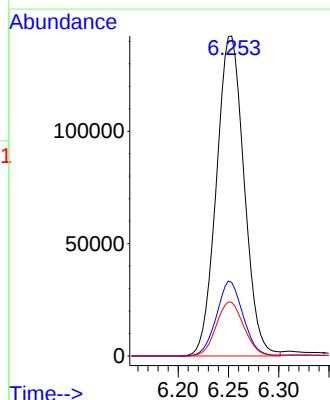
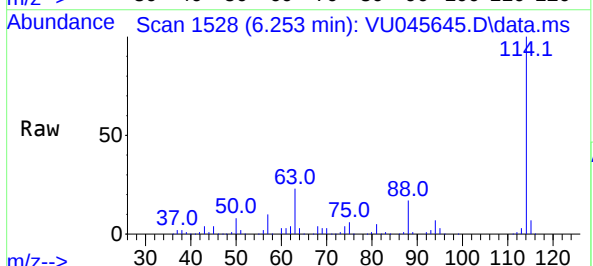
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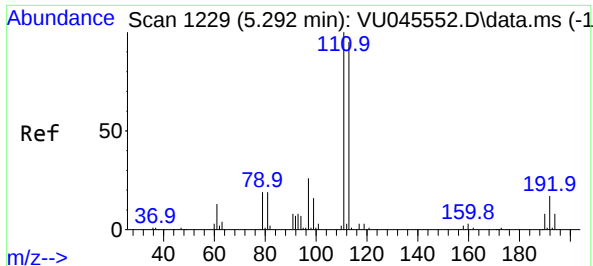
Tgt Ion: 65 Resp: 117430
Ion Ratio Lower Upper
65 100
67 52.1 0.0 105.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.253 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VU045645.D
Acq: 09 Nov 2021 03:26

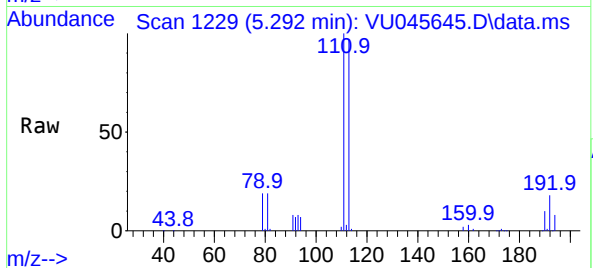
Tgt Ion: 114 Resp: 272575
Ion Ratio Lower Upper
114 100
63 23.0 0.0 45.6
88 16.8 0.0 33.8



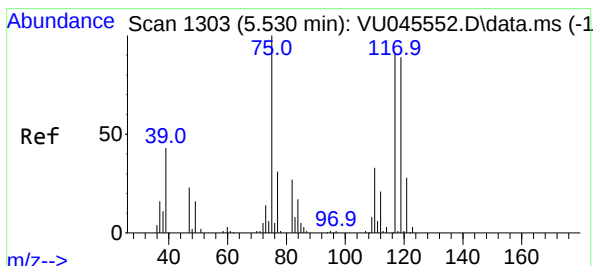
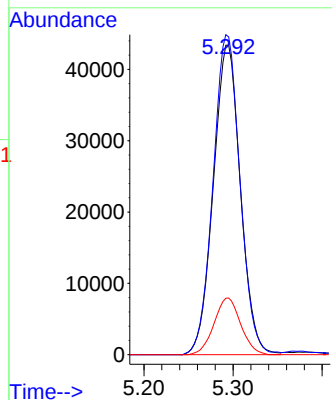
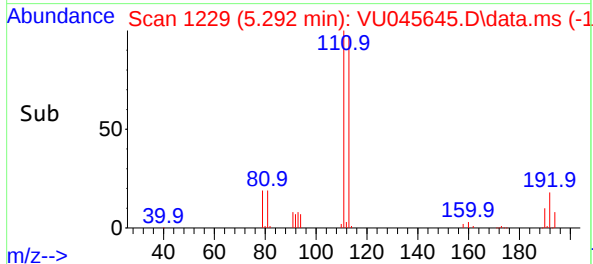


#35
Dibromofluoromethane
Concen: 50.359 ug/l
RT: 5.292 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045645.D
Acq: 09 Nov 2021 03:26

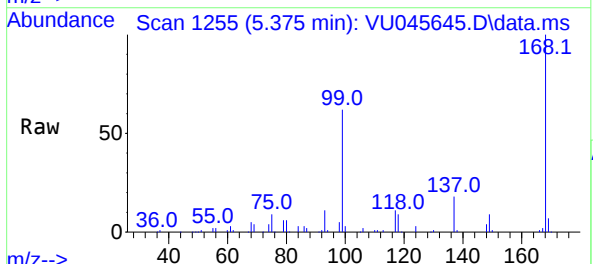
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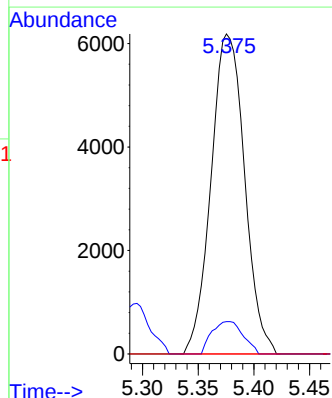
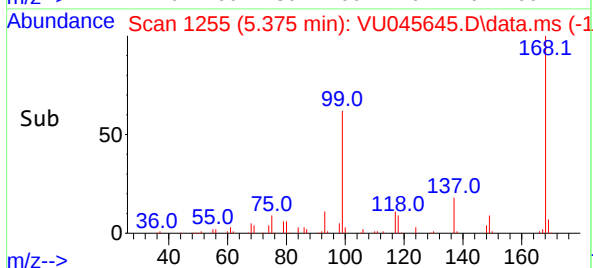
Tgt Ion:113 Resp: 91646
Ion Ratio Lower Upper
113 100
111 102.9 82.8 124.2
192 18.0 14.8 22.2

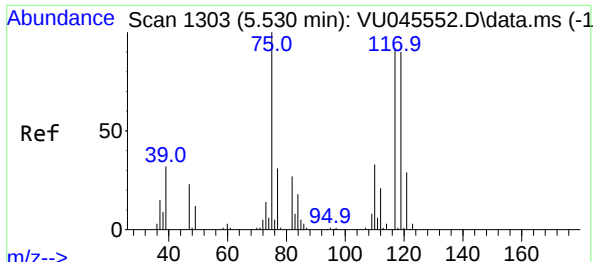


#36
1,1-Dichloropropene
Concen: 4.875 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.154 min
Lab File: VU045645.D
Acq: 09 Nov 2021 03:26



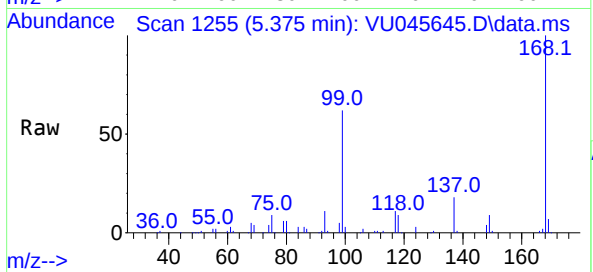
Tgt Ion: 75 Resp: 12956
Ion Ratio Lower Upper
75 100
110 9.4 16.7 50.0#
77 0.0 25.0 37.4#



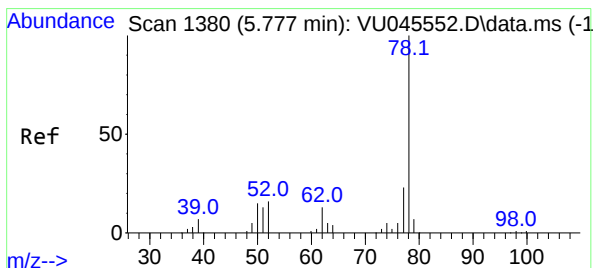
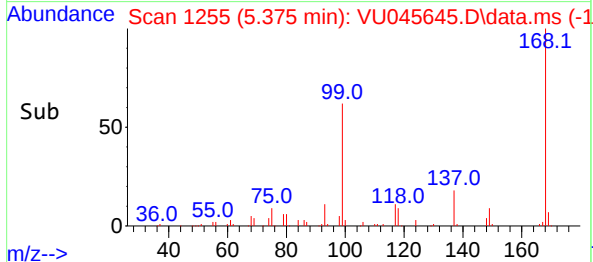
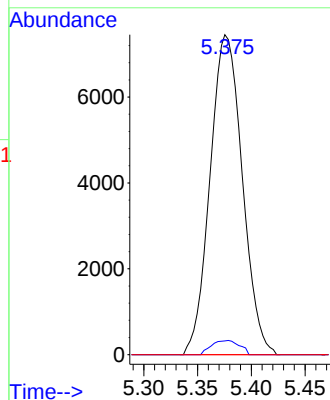


#38
Carbon Tetrachloride
Concen: 5.802 ug/l
RT: 5.375 min Scan# 11
Delta R.T. -0.154 min
Lab File: VU045645.D
Acq: 09 Nov 2021 03:26

Instrument :
MSVOA_U
ClientSampleId :

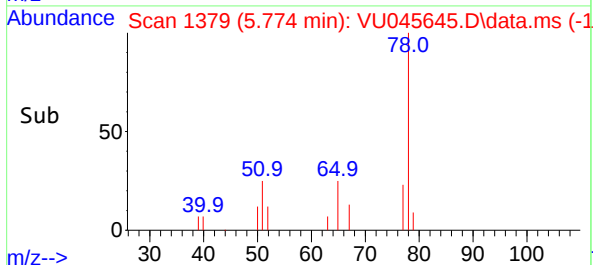
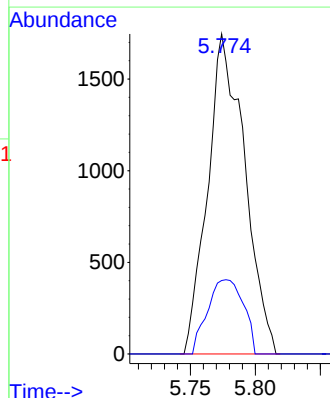
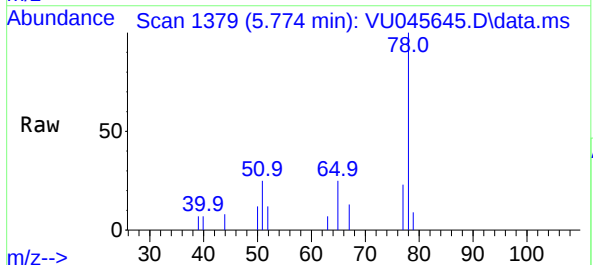


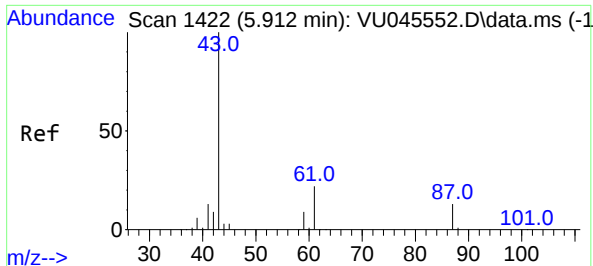
Tgt Ion:117 Resp: 15547
Ion Ratio Lower Upper
117 100
119 4.3 77.4 116.0#
121 0.0 24.8 37.2#



#40
Benzene
Concen: 0.438 ug/l
RT: 5.774 min Scan# 1379
Delta R.T. -0.003 min
Lab File: VU045645.D
Acq: 09 Nov 2021 03:26

Tgt Ion: 78 Resp: 3446
Ion Ratio Lower Upper
78 100
77 23.0 19.0 28.4





#43

Isopropyl Acetate

Concen: 4.182 ug/l

RT: 5.912 min Scan# 14

Delta R.T. 0.000 min

Lab File: VU045645.D

Acq: 09 Nov 2021 03:26

Instrument :

MSVOA_U

ClientSampleId :

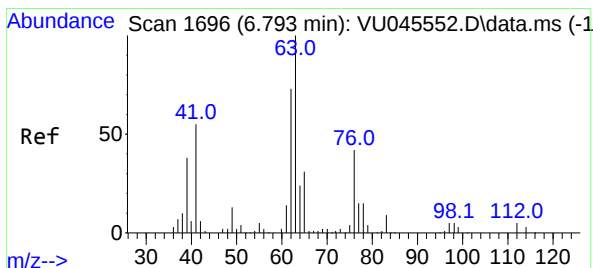
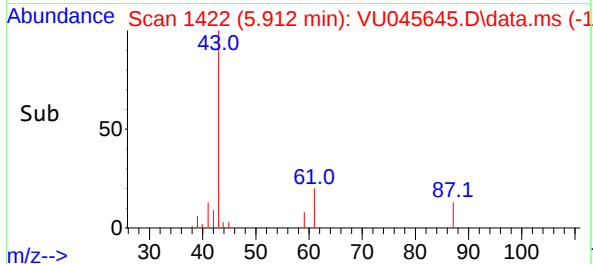
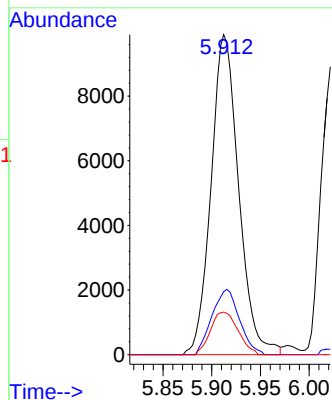
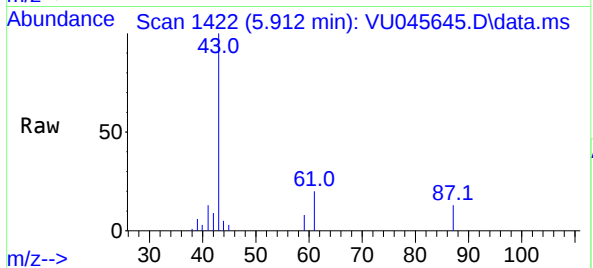
Tgt Ion: 43 Resp: 19528

Ion Ratio Lower Upper

43 100

61 20.4 16.9 25.3

87 13.3 11.0 16.4



#45

1,2-Dichloropropane

Concen: 0.608 ug/l

RT: 7.038 min Scan# 1772

Delta R.T. 0.244 min

Lab File: VU045645.D

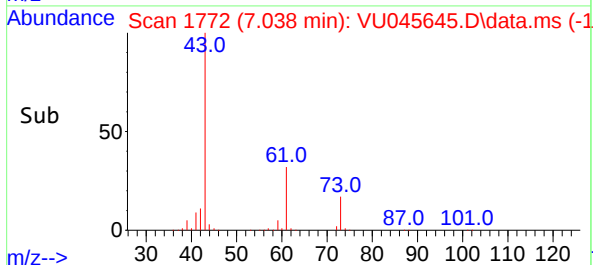
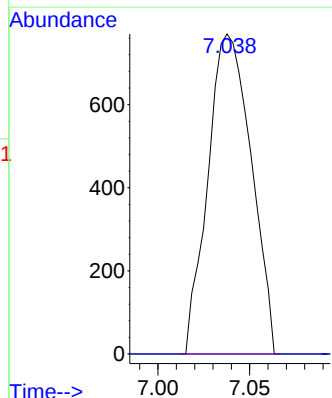
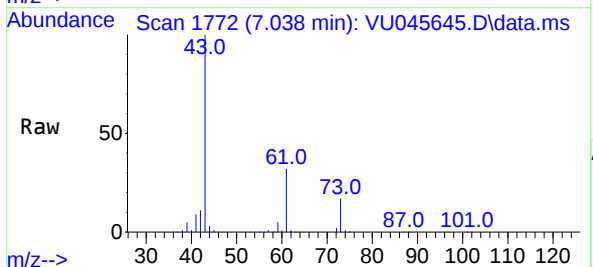
Acq: 09 Nov 2021 03:26

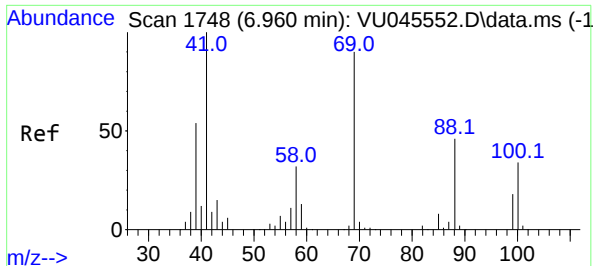
Tgt Ion: 63 Resp: 1265

Ion Ratio Lower Upper

63 100

65 0.0 25.7 38.5#

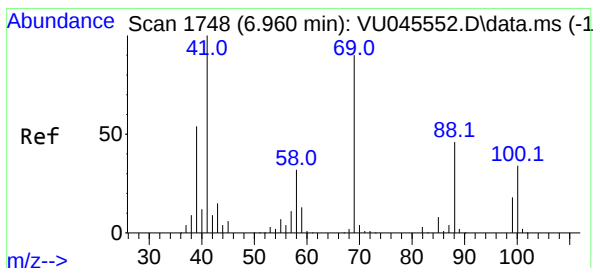
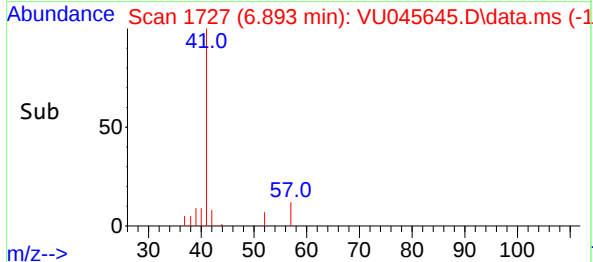
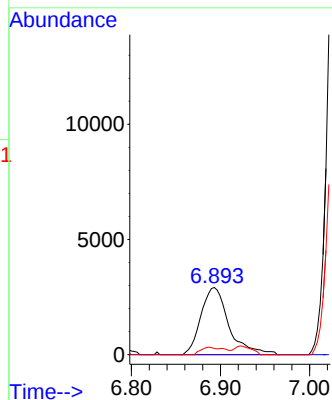
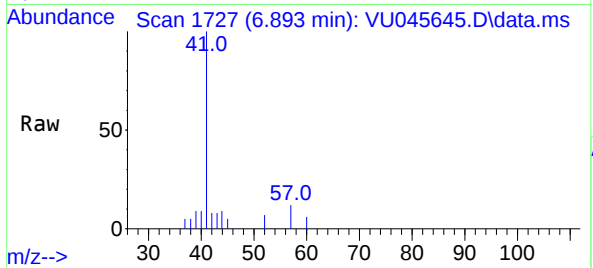




#48
Methyl methacrylate
Concen: 2.957 ug/l
RT: 6.893 min Scan# 1
Delta R.T. -0.067 min
Lab File: VU045645.D
Acq: 09 Nov 2021 03:26

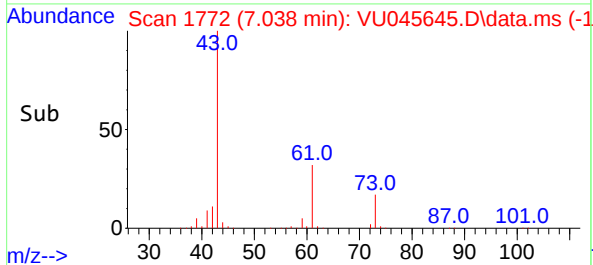
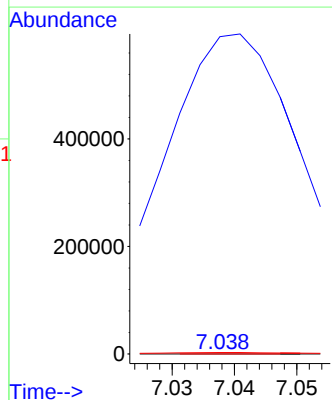
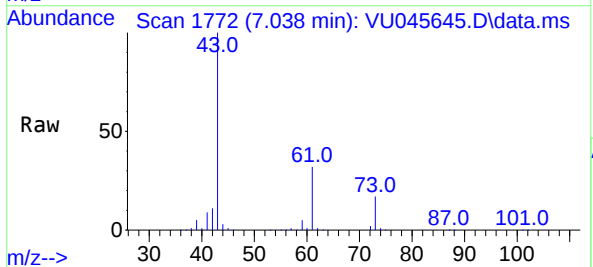
Instrument :
MSVOA_U
ClientSampleId :

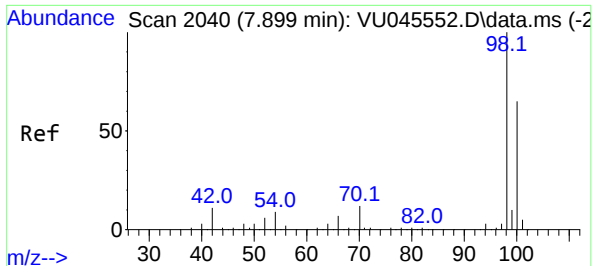
Tgt Ion: 41 Resp: 6356
Ion Ratio Lower Upper
41 100
69 0.0 70.2 105.2#
39 0.0 43.9 65.9#



#49
1,4-Dioxane
Concen: 0.742 ug/l
RT: 7.038 min Scan# 1772
Delta R.T. 0.077 min
Lab File: VU045645.D
Acq: 09 Nov 2021 03:26

Tgt Ion: 88 Resp: 41
Ion Ratio Lower Upper
88 100
43 2530280.5 0.0 0.0#
58 10787.8 58.7 88.1#

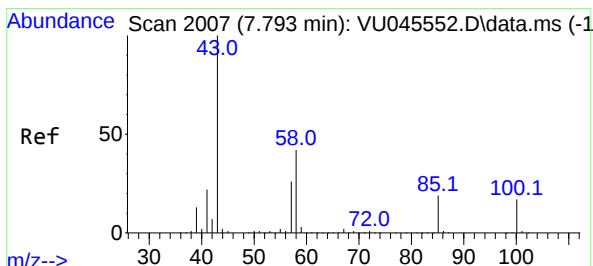
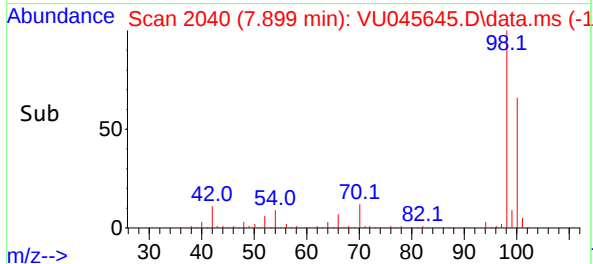
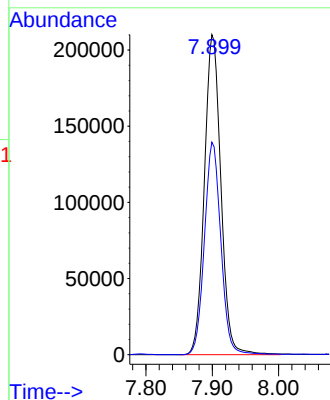
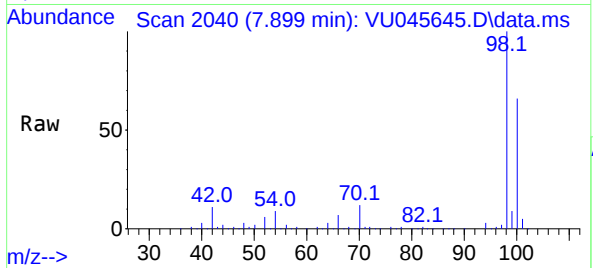




#50
Toluene-d8
Concen: 53.723 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VU045645.D
Acq: 09 Nov 2021 03:26

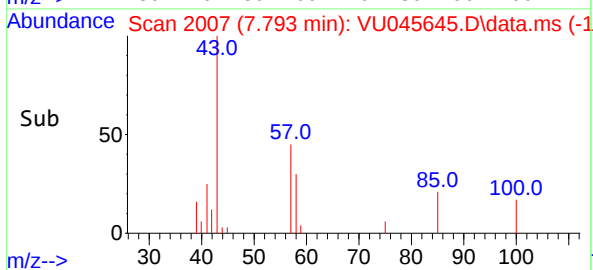
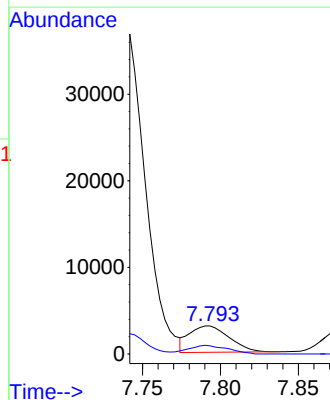
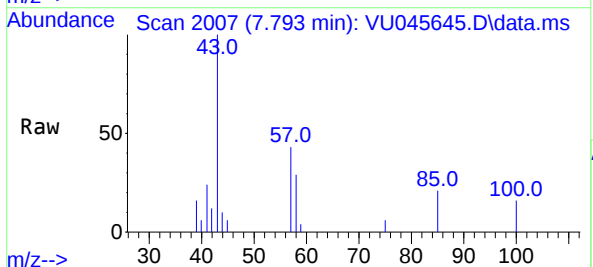
Instrument :
MSVOA_U
ClientSampleId :

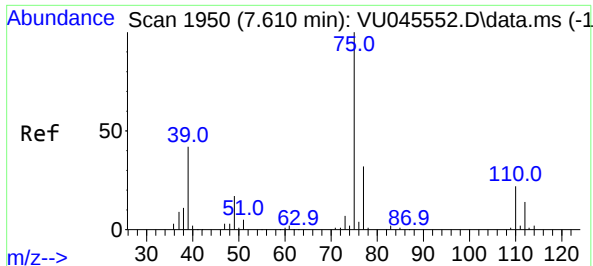
Tgt Ion: 98 Resp: 363545
Ion Ratio Lower Upper
98 100
100 66.0 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 1.751 ug/l
RT: 7.793 min Scan# 2007
Delta R.T. 0.000 min
Lab File: VU045645.D
Acq: 09 Nov 2021 03:26

Tgt Ion: 43 Resp: 5395
Ion Ratio Lower Upper
43 100
58 32.5 33.8 50.8#

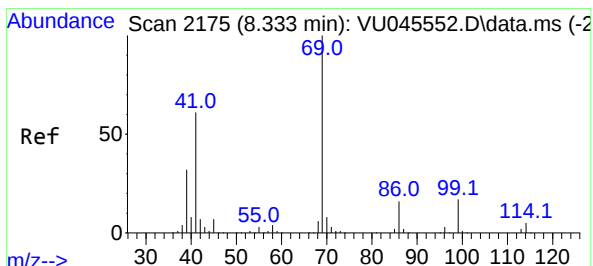
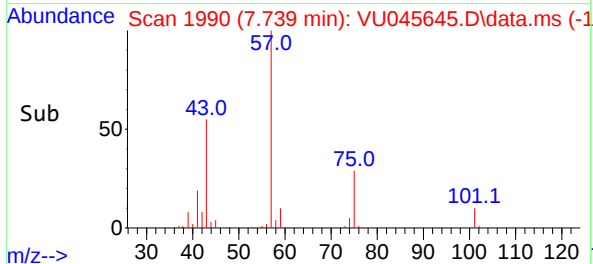
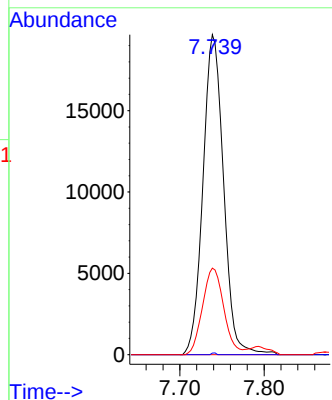
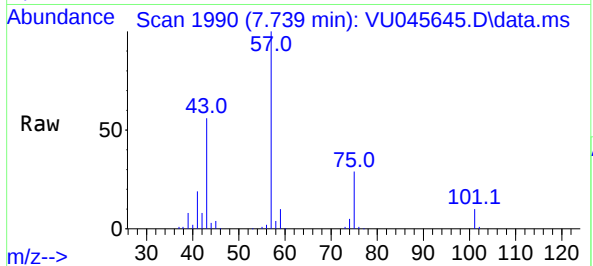




#54
cis-1,3-Dichloropropene
Concen: 10.031 ug/l
RT: 7.739 min Scan# 11
Delta R.T. 0.129 min
Lab File: VU045645.D
Acq: 09 Nov 2021 03:26

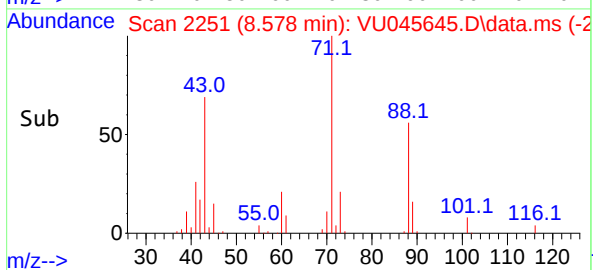
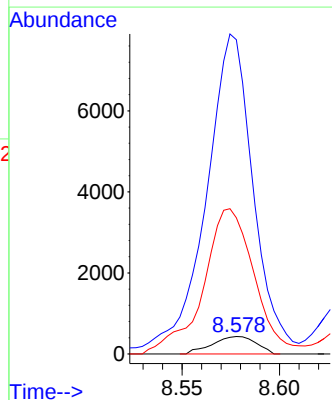
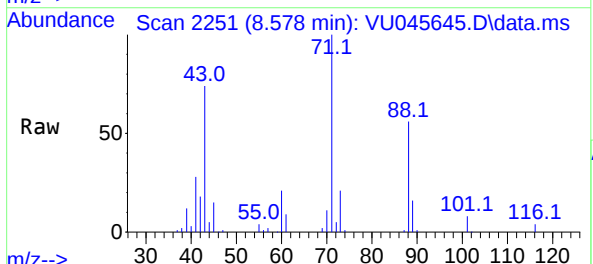
Instrument :
MSVOA_U
ClientSampleId :

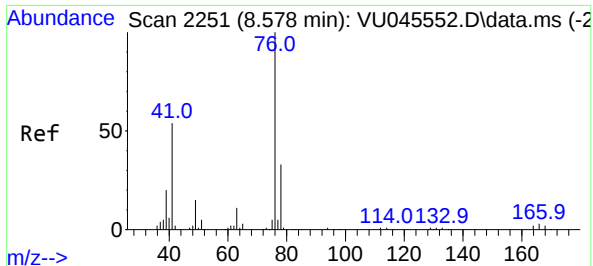
Tgt Ion: 75 Resp: 33518
Ion Ratio Lower Upper
75 100
77 0.5 24.6 37.0#
39 27.0 37.1 55.7#



#56
Ethyl methacrylate
Concen: 2.604 ug/l
RT: 8.578 min Scan# 2251
Delta R.T. 0.245 min
Lab File: VU045645.D
Acq: 09 Nov 2021 03:26

Tgt Ion: 69 Resp: 677
Ion Ratio Lower Upper
69 100
41 1869.9 51.0 76.4#
39 969.1 26.6 39.8#

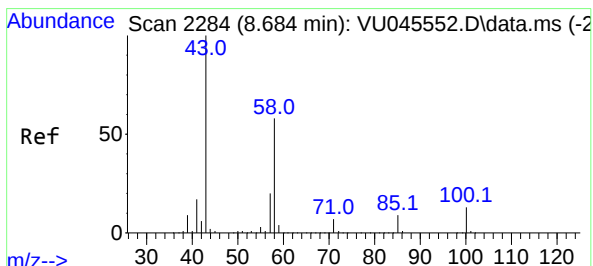
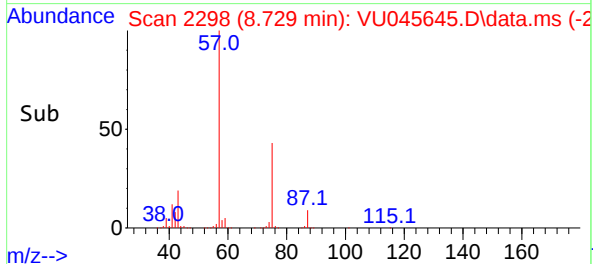
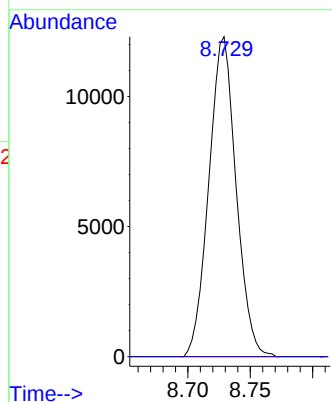
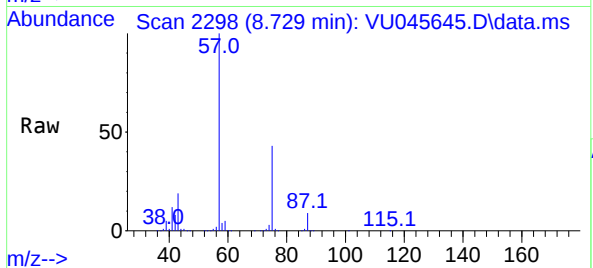




#57
1,3-Dichloropropane
Concen: 5.209 ug/l
RT: 8.729 min Scan# 21
Delta R.T. 0.151 min
Lab File: VU045645.D
Acq: 09 Nov 2021 03:26

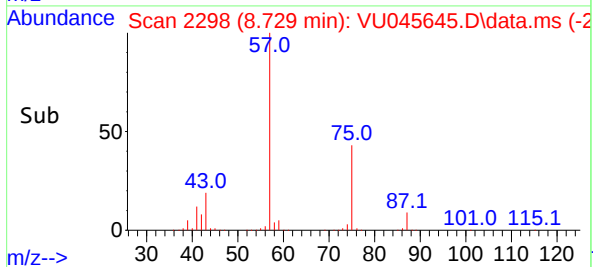
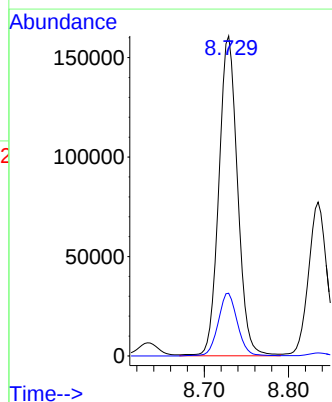
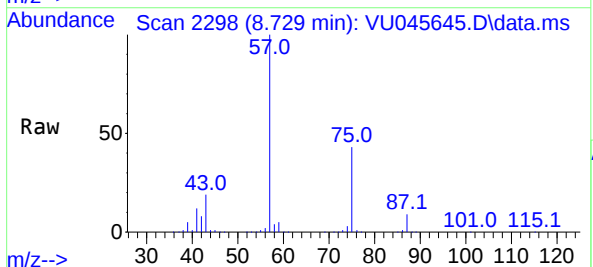
Instrument :
MSVOA_U
ClientSampleId :

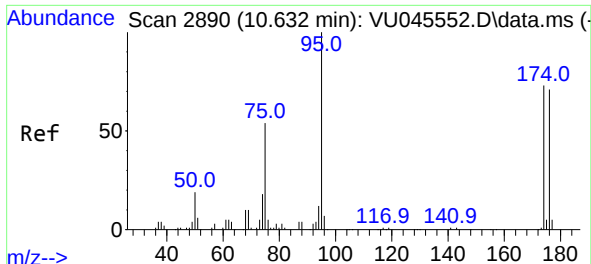
Tgt Ion: 76 Resp: 18733
Ion Ratio Lower Upper
76 100
78 0.0 25.8 38.8#



#59
2-Hexanone
Concen: 96.947 ug/l
RT: 8.729 min Scan# 2298
Delta R.T. 0.045 min
Lab File: VU045645.D
Acq: 09 Nov 2021 03:26

Tgt Ion: 43 Resp: 247108
Ion Ratio Lower Upper
43 100
58 20.3 29.5 88.6#





#62

4-Bromofluorobenzene

Concen: 51.262 ug/l

RT: 10.636 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU045645.D

Acq: 09 Nov 2021 03:26

Instrument :

MSVOA_U

ClientSampleId :

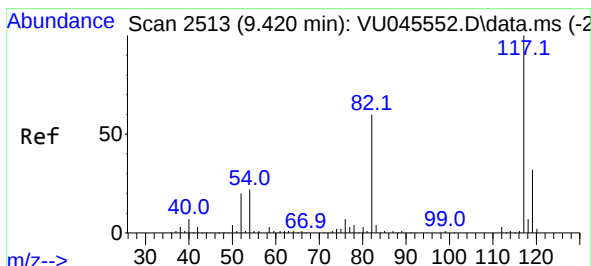
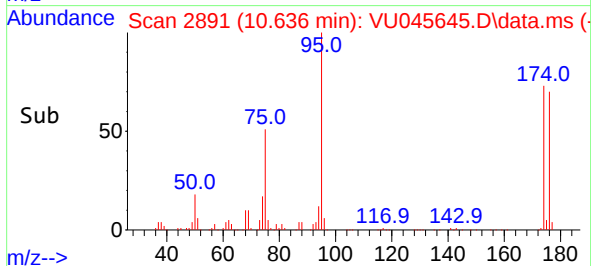
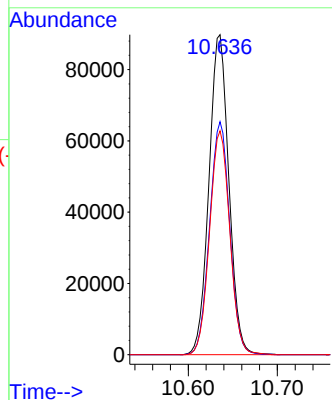
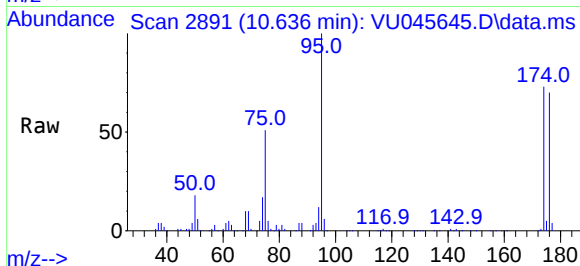
Tgt Ion: 95 Resp: 139102

Ion Ratio Lower Upper

95 100

174 73.8 0.0 141.8

176 70.9 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: VU045645.D

Acq: 09 Nov 2021 03:26

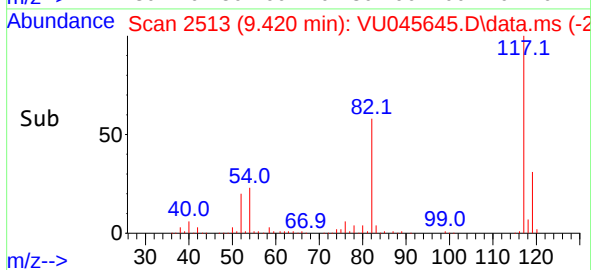
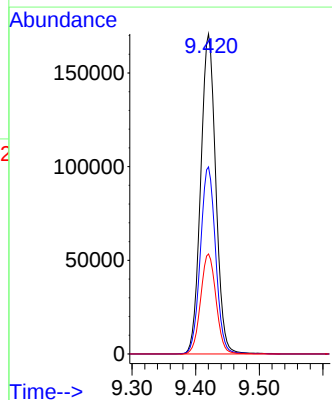
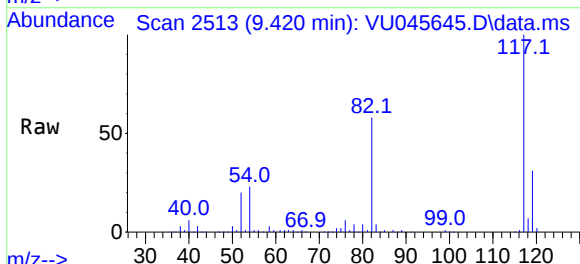
Tgt Ion: 117 Resp: 281489

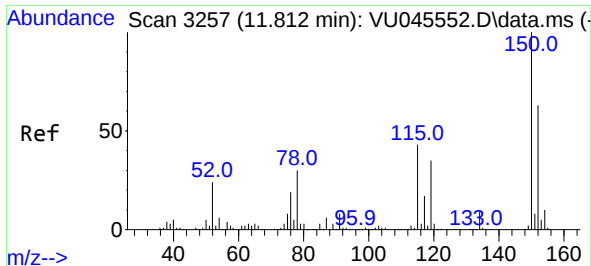
Ion Ratio Lower Upper

117 100

82 58.4 47.8 71.8

119 31.3 25.8 38.8

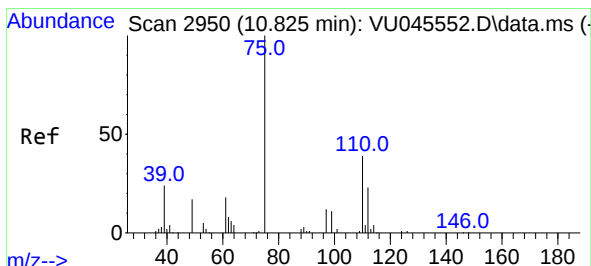
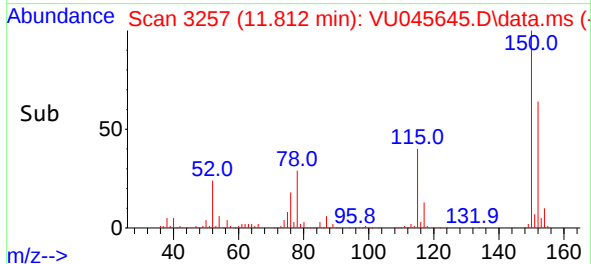
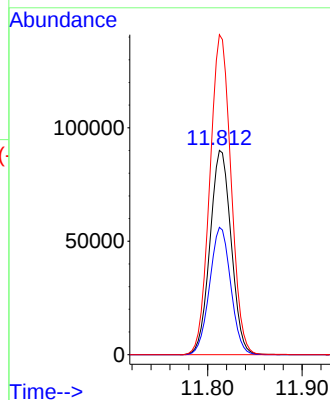
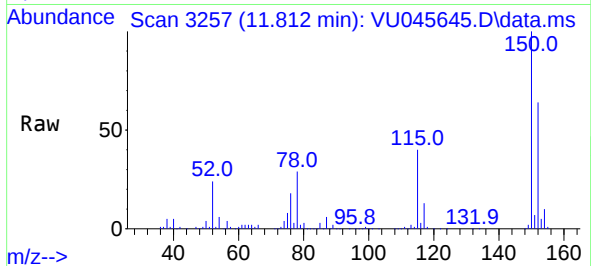




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU045645.D
Acq: 09 Nov 2021 03:26

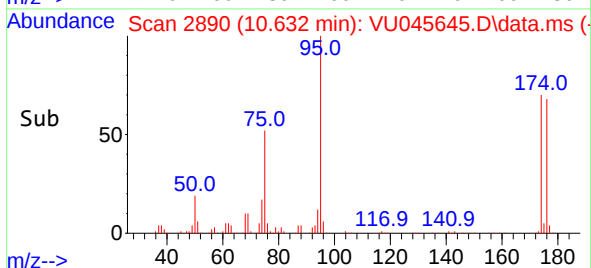
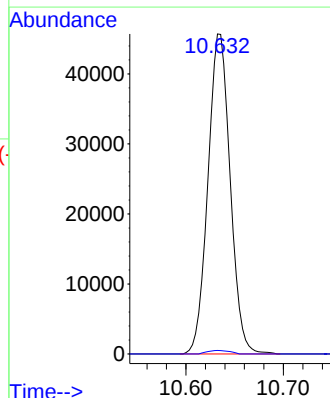
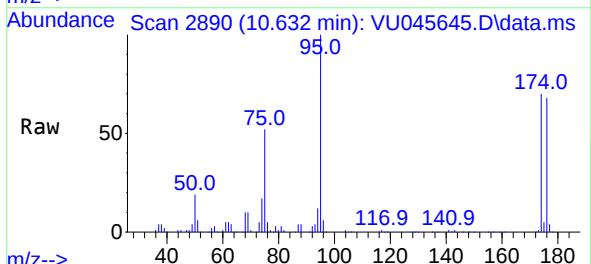
Instrument :
MSVOA_U
ClientSampleId :

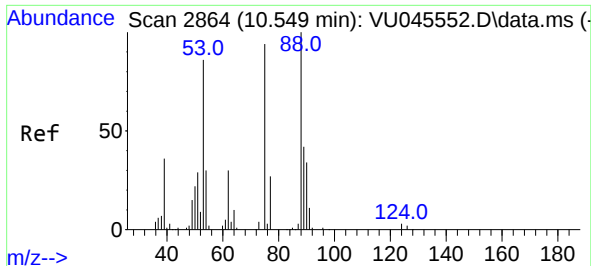
Tgt Ion:152 Resp: 140532
Ion Ratio Lower Upper
152 100
115 61.9 42.7 128.1
150 156.2 0.0 346.8



#76
1,2,3-Trichloropropane
Concen: 17.007 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.193 min
Lab File: VU045645.D
Acq: 09 Nov 2021 03:26

Tgt Ion: 75 Resp: 72480
Ion Ratio Lower Upper
75 100
77 1.1 17.1 51.3#

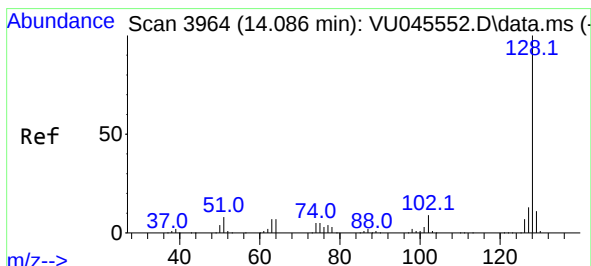
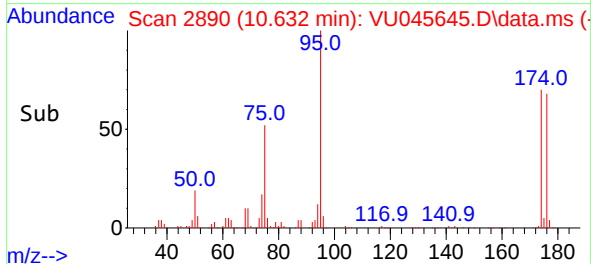
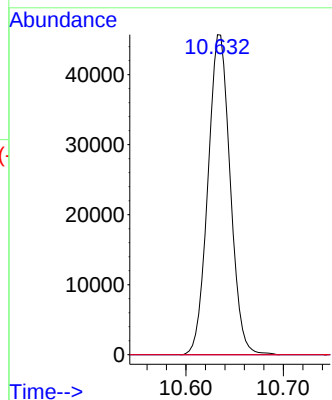
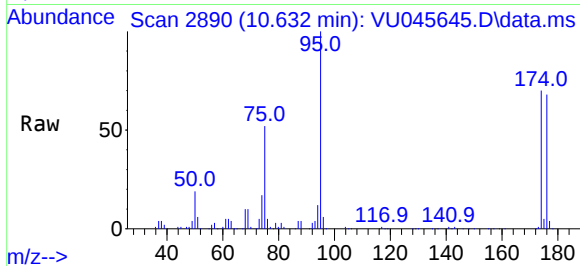




#81
trans-1,4-Dichloro-2-butene
Concen: 55.372 ug/l
RT: 10.632 min Scan# 21
Delta R.T. 0.083 min
Lab File: VU045645.D
Acq: 09 Nov 2021 03:26

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 72480
Ion Ratio Lower Upper
75 100
53 0.0 76.2 114.4#
89 0.0 34.0 51.0#



#95
Naphthalene
Concen: 1.080 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. 0.003 min
Lab File: VU045645.D
Acq: 09 Nov 2021 03:26

Tgt Ion:128 Resp: 600
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 0.0 8.6 13.0#

