

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102621\
 Data File : VU045400.D
 Acq On : 26 Oct 2021 13:25
 Operator : SY/MD
 Sample : VU1026WBL01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 26 16:04:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 12:32:13 2021
 Response via : Initial Calibration

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

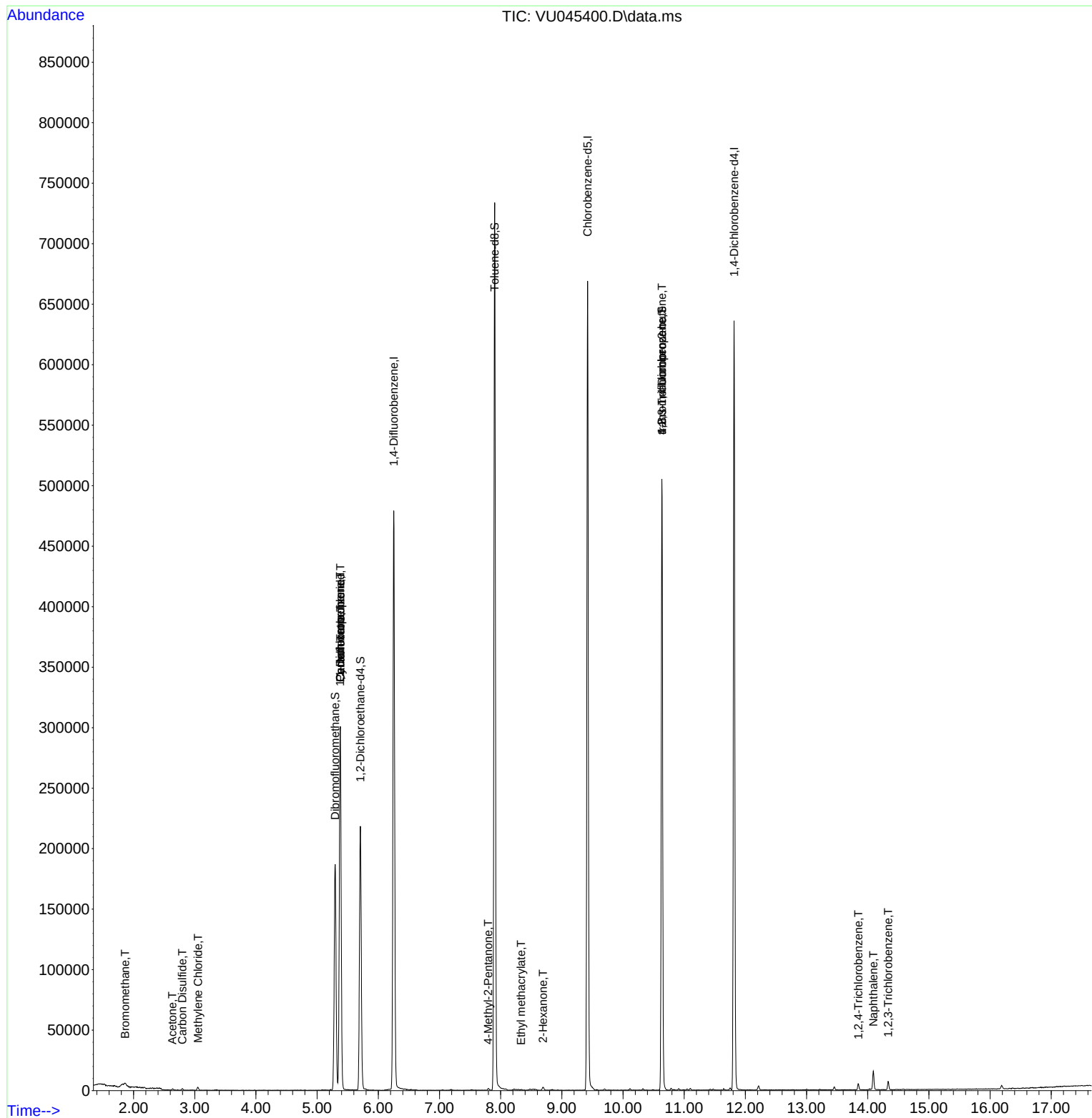
Internal Standards						
1) Pentafluorobenzene	5.378	168	201820	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	380690	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	356818	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	157267	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	164640	49.007	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.020%
35) Dibromofluoromethane	5.295	113	120951	50.364	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.720%
50) Toluene-d8	7.902	98	476728	50.241	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.480%
62) 4-Bromofluorobenzene	10.635	95	172294	43.981	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.960%
Target Compounds						
					Qvalue	
5) Bromomethane	1.861	94	441	0.348	ug/l	92
16) Acetone	2.636	43	1284	0.644	ug/l	97
17) Carbon Disulfide	2.797	76	1547	0.219	ug/l #	90
20) Methylene Chloride	3.054	84	1208	0.402	ug/l	89
31) Cyclohexane	5.378	56	4593	0.900	ug/l #	1
36) 1,1-Dichloropropene	5.375	75	17942	4.507	ug/l #	49
38) Carbon Tetrachloride	5.378	117	21032	6.105	ug/l #	15
51) 4-Methyl-2-Pentanone	7.796	43	1310	0.227	ug/l #	76
56) Ethyl methacrylate	8.333	69	206	1.854	ug/l #	73
59) 2-Hexanone	8.690	43	2290	0.487	ug/l	92
76) 1,2,3-Trichloropropane	10.635	75	89117	19.427	ug/l #	41
81) trans-1,4-Dichloro-2-b...	10.635	75	89117	53.914	ug/l #	9
93) 1,2,4-Trichlorobenzene	13.848	180	1854	0.601	ug/l	97
95) Naphthalene	14.092	128	13420	1.157	ug/l	98
96) 1,2,3-Trichlorobenzene	14.333	180	2410	0.778	ug/l	91

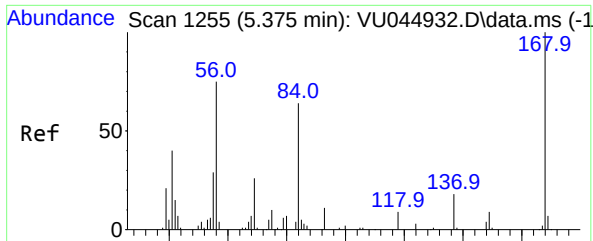
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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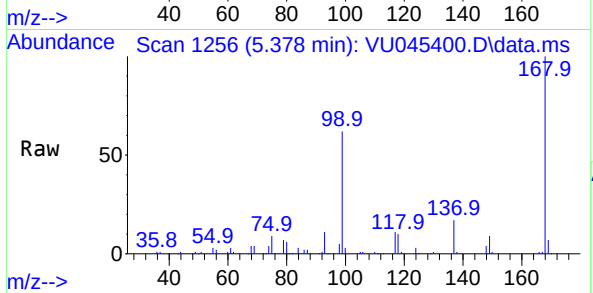
Quant Time: Oct 26 16:04:26 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 28 12:32:13 2021
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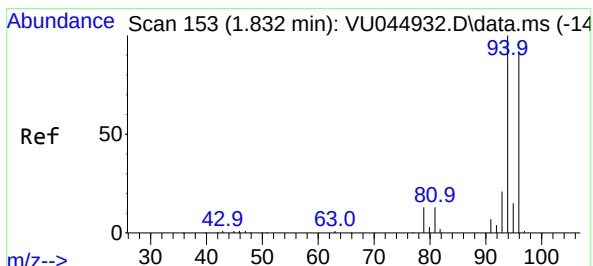
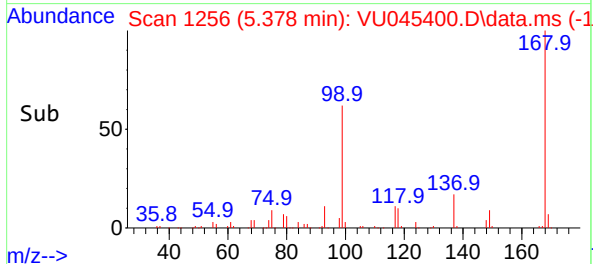
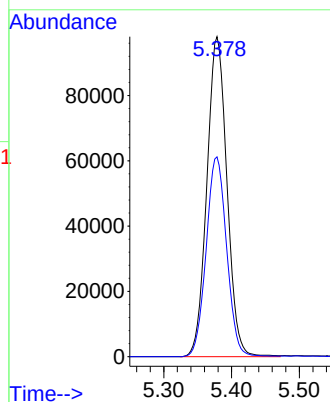


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU045400.D
Acq: 26 Oct 2021 13:25

Instrument :
MSVOA_U
ClientSampleId :

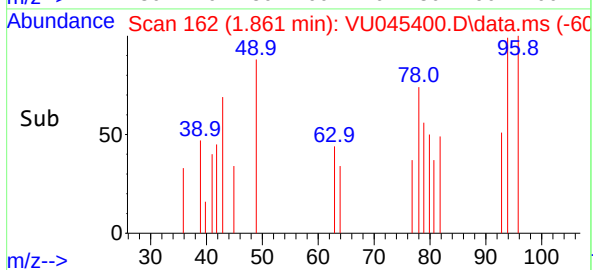
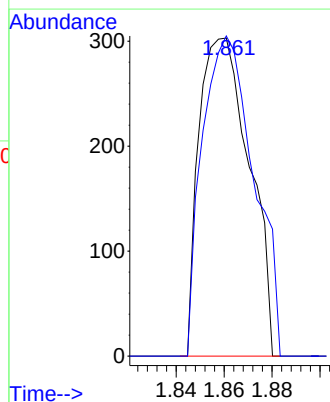
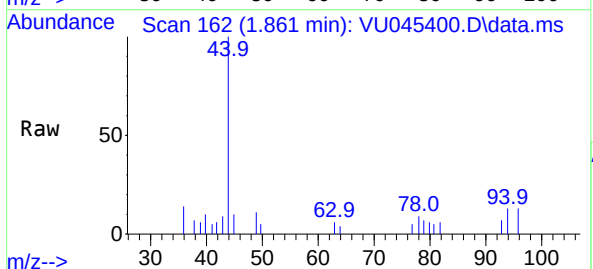


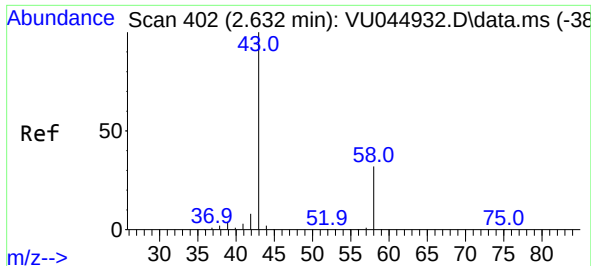
Tgt Ion:168 Resp: 201820
Ion Ratio Lower Upper
168 100
99 62.4 51.4 77.0



#5
Bromomethane
Concen: 0.348 ug/l
RT: 1.861 min Scan# 162
Delta R.T. 0.029 min
Lab File: VU045400.D
Acq: 26 Oct 2021 13:25

Tgt Ion: 94 Resp: 441
Ion Ratio Lower Upper
94 100
96 100.7 74.5 111.7

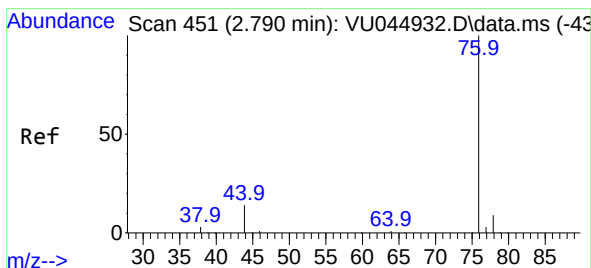
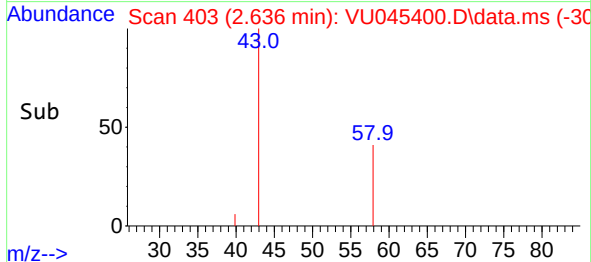
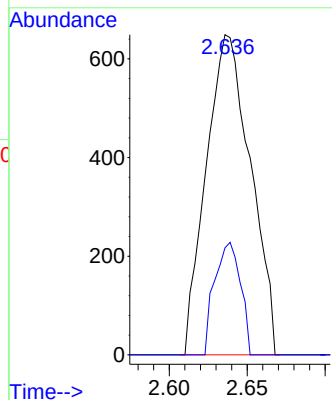
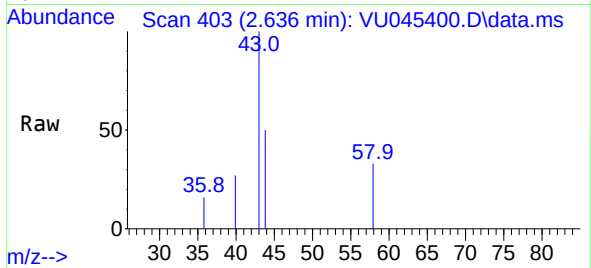




#16
Acetone
Concen: 0.644 ug/l
RT: 2.636 min Scan# 402
Delta R.T. 0.004 min
Lab File: VU045400.D
Acq: 26 Oct 2021 13:25

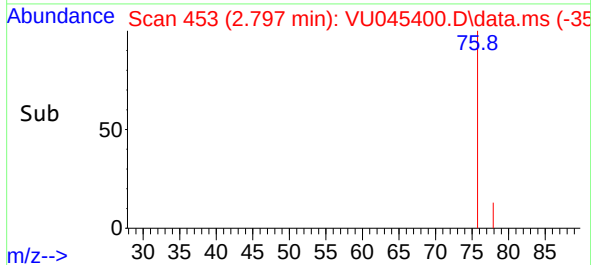
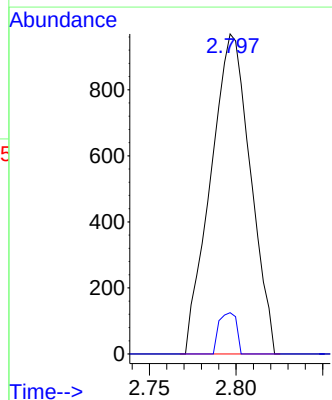
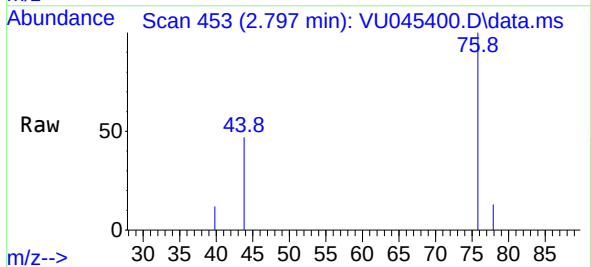
Instrument :
MSVOA_U
ClientSampleId :

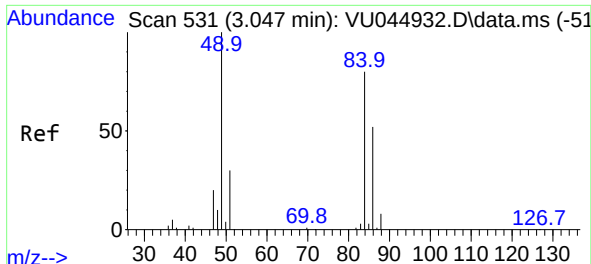
Tgt Ion: 43 Resp: 1284
Ion Ratio Lower Upper
43 100
58 33.4 25.2 37.8



#17
Carbon Disulfide
Concen: 0.219 ug/l
RT: 2.797 min Scan# 453
Delta R.T. 0.007 min
Lab File: VU045400.D
Acq: 26 Oct 2021 13:25

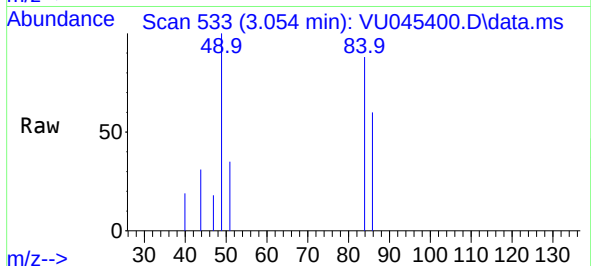
Tgt Ion: 76 Resp: 1547
Ion Ratio Lower Upper
76 100
78 12.9 7.4 11.0#





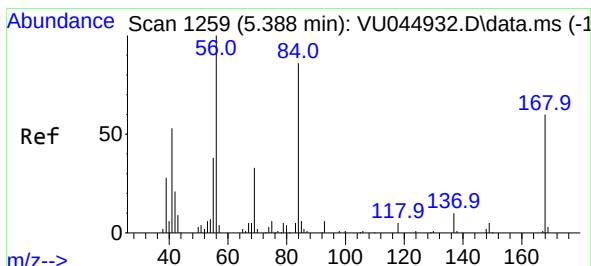
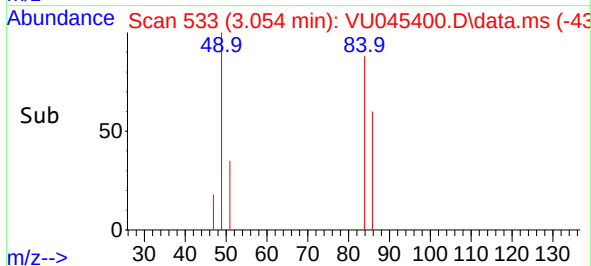
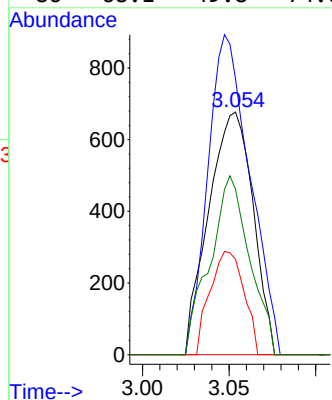
#20
Methylene Chloride
Concen: 0.402 ug/l
RT: 3.054 min Scan# 51
Delta R.T. 0.007 min
Lab File: VU045400.D
Acq: 26 Oct 2021 13:25

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 84 Resp: 1208

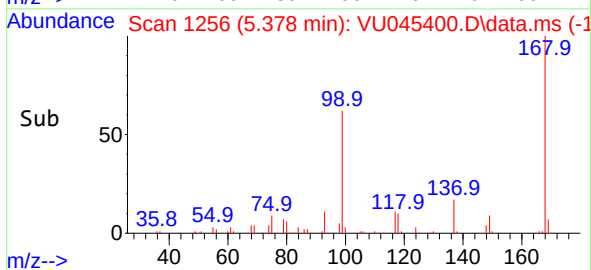
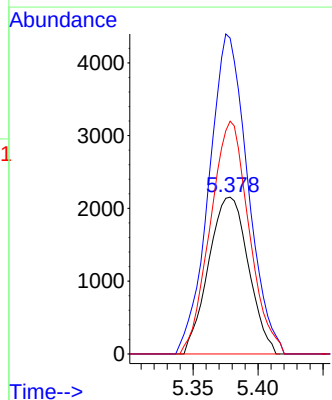
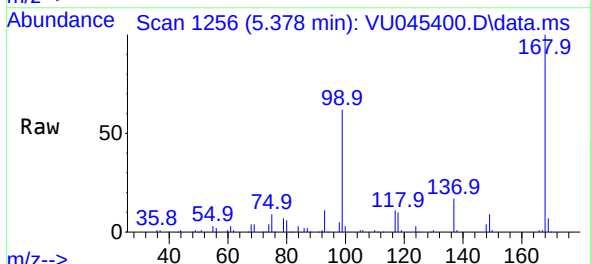
Ion	Ratio	Lower	Upper
84	100		
49	113.6	104.9	157.3
51	39.3	31.8	47.8
86	68.1	49.8	74.6

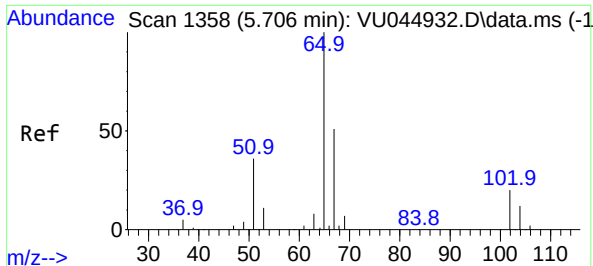


#31
Cyclohexane
Concen: 0.900 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.010 min
Lab File: VU045400.D
Acq: 26 Oct 2021 13:25

Tgt Ion: 56 Resp: 4593

Ion	Ratio	Lower	Upper
56	100		
69	195.4	25.2	37.8#
84	148.5	66.4	99.6#





#33

1,2-Dichloroethane-d4

Concen: 49.007 ug/l

RT: 5.706 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU045400.D

Acq: 26 Oct 2021 13:25

Instrument :

MSVOA_U

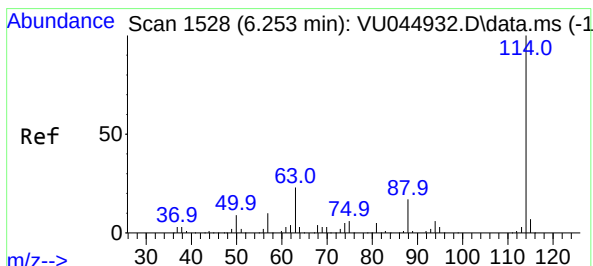
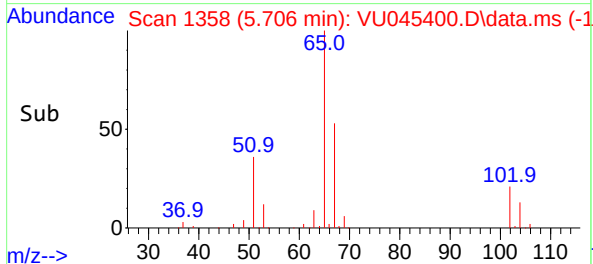
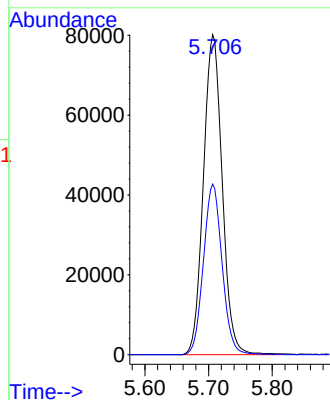
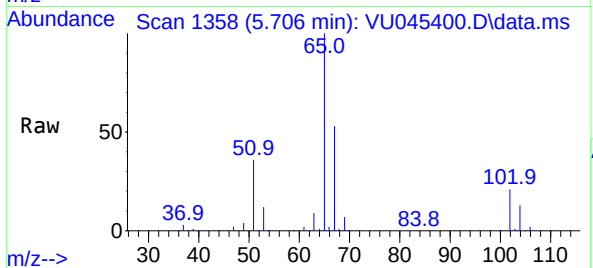
ClientSampleId :

Tgt Ion: 65 Resp: 164640

Ion Ratio Lower Upper

65 100

67 52.9 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 1528

Delta R.T. -0.000 min

Lab File: VU045400.D

Acq: 26 Oct 2021 13:25

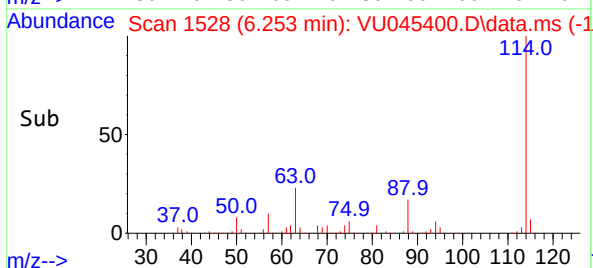
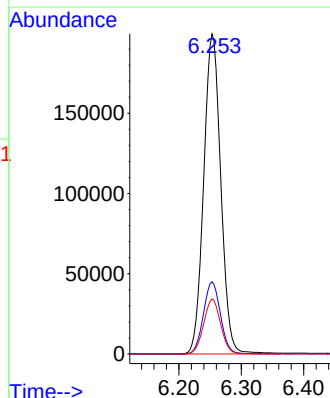
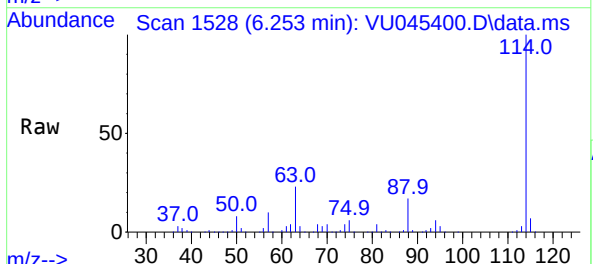
Tgt Ion: 114 Resp: 380690

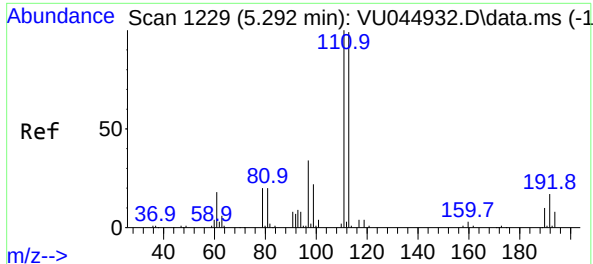
Ion Ratio Lower Upper

114 100

63 22.6 0.0 47.8

88 17.2 0.0 32.8





#35

Dibromofluoromethane

Concen: 50.364 ug/l

RT: 5.295 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU045400.D

Acq: 26 Oct 2021 13:25

Instrument :

MSVOA_U

ClientSampleId :

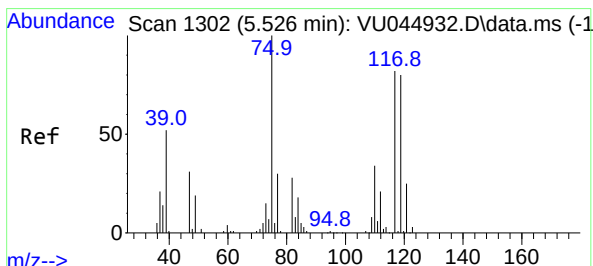
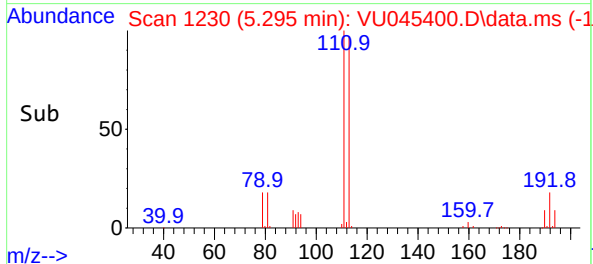
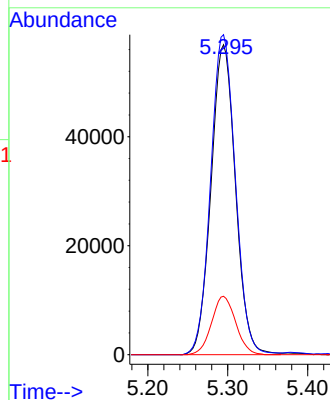
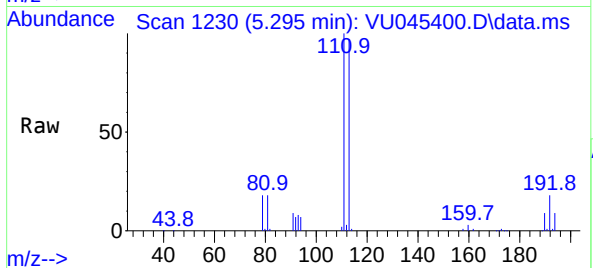
Tgt Ion:113 Resp: 120951

Ion Ratio Lower Upper

113 100

111 104.1 84.1 126.1

192 18.6 14.8 22.2



#36

1,1-Dichloropropene

Concen: 4.507 ug/l

RT: 5.375 min Scan# 1255

Delta R.T. -0.151 min

Lab File: VU045400.D

Acq: 26 Oct 2021 13:25

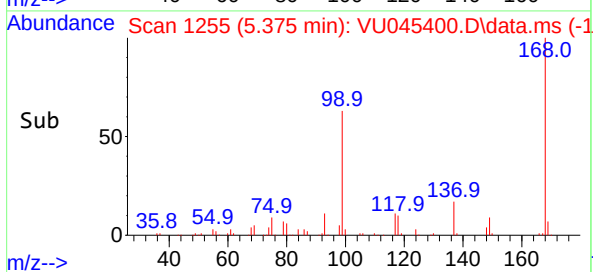
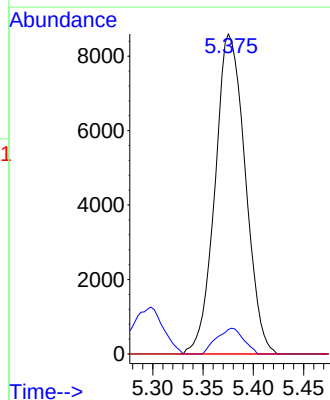
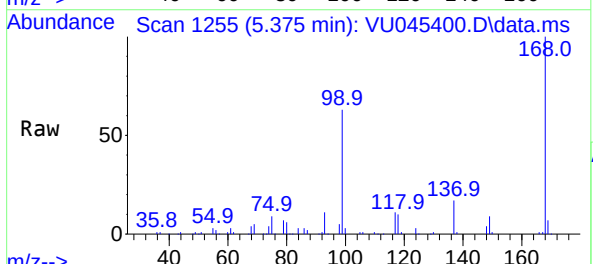
Tgt Ion: 75 Resp: 17942

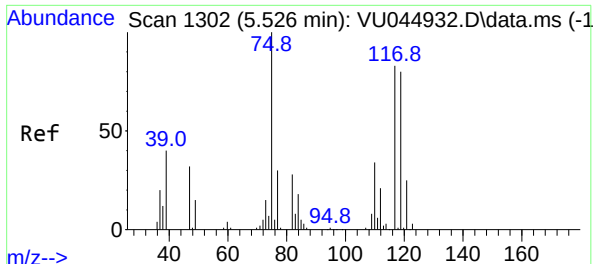
Ion Ratio Lower Upper

75 100

110 7.1 16.3 48.9#

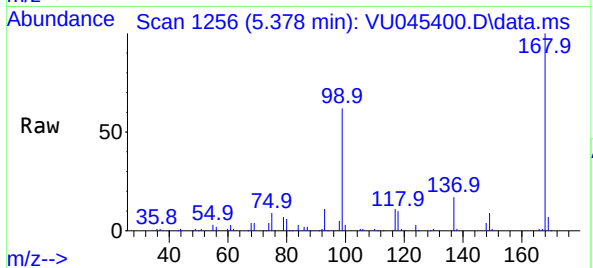
77 0.0 25.0 37.4#



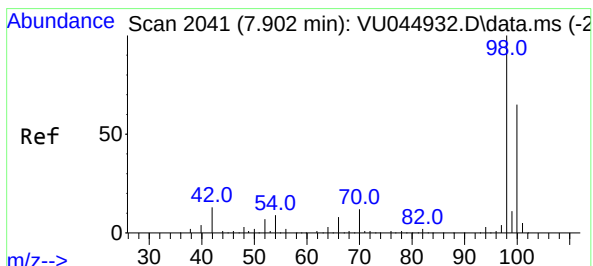
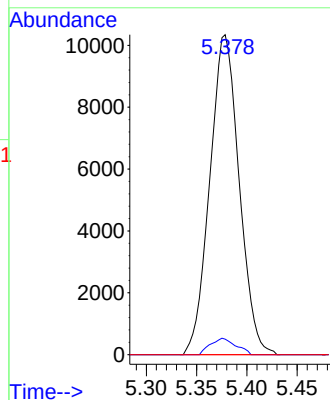
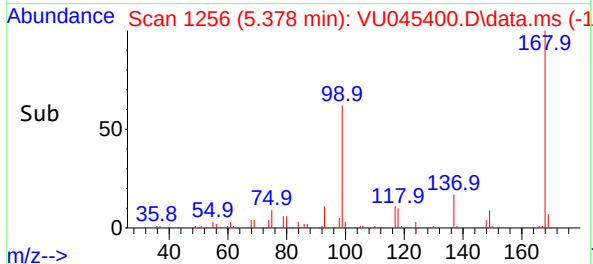


#38
Carbon Tetrachloride
Concen: 6.105 ug/l
RT: 5.378 min Scan# 117
Delta R.T. -0.148 min
Lab File: VU045400.D
Acq: 26 Oct 2021 13:25

Instrument :
MSVOA_U
ClientSampleId :

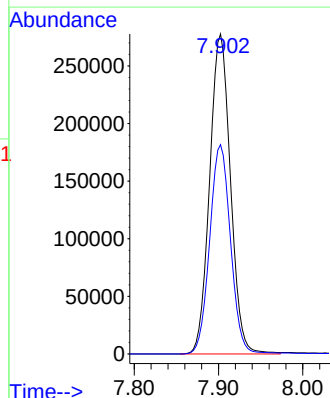
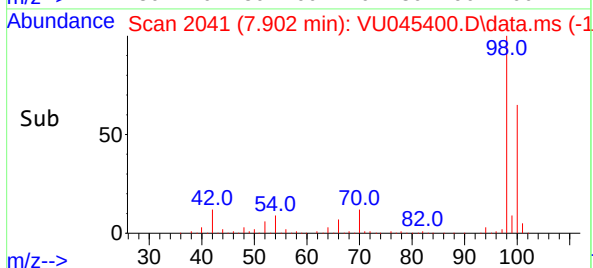
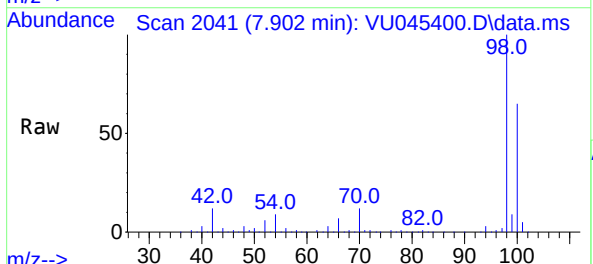


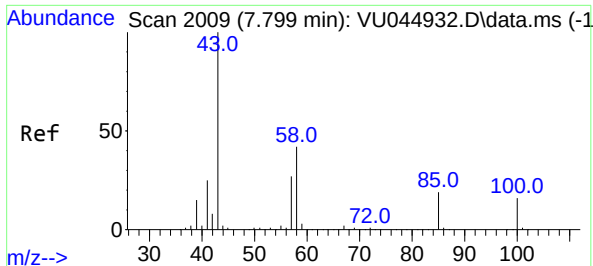
Tgt Ion:117 Resp: 21032
Ion Ratio Lower Upper
117 100
119 4.9 77.4 116.2#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 50.241 ug/l
RT: 7.902 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VU045400.D
Acq: 26 Oct 2021 13:25

Tgt Ion: 98 Resp: 476728
Ion Ratio Lower Upper
98 100
100 65.7 52.5 78.7

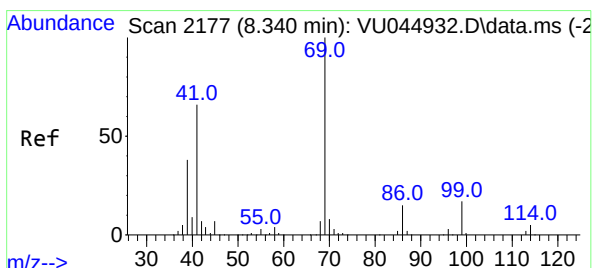
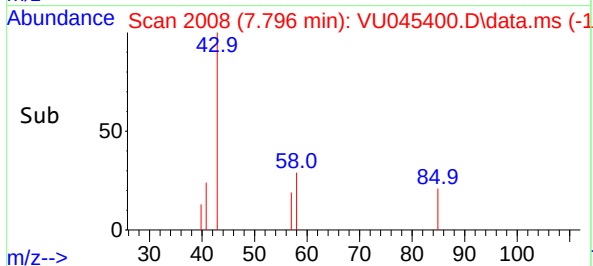
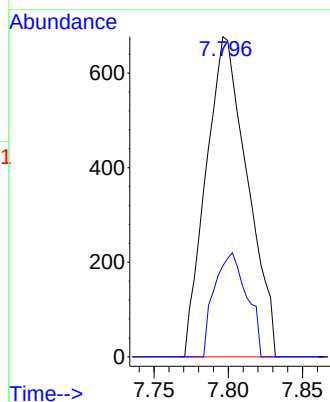
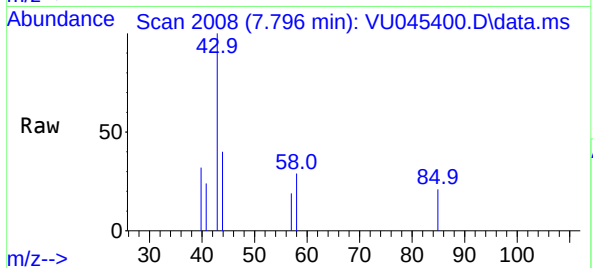




#51
4-Methyl-2-Pentanone
Concen: 0.227 ug/l
RT: 7.796 min Scan# 2009
Delta R.T. -0.003 min
Lab File: VU045400.D
Acq: 26 Oct 2021 13:25

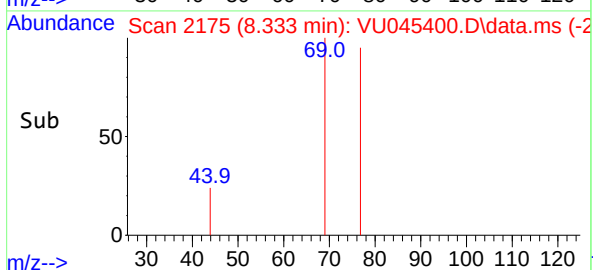
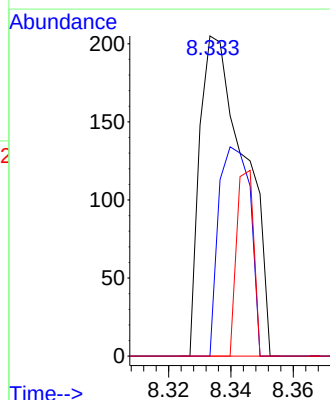
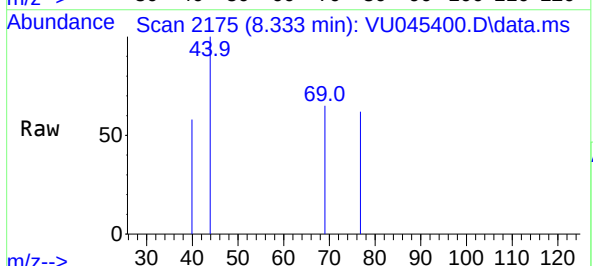
Instrument :
MSVOA_U
ClientSampleId :

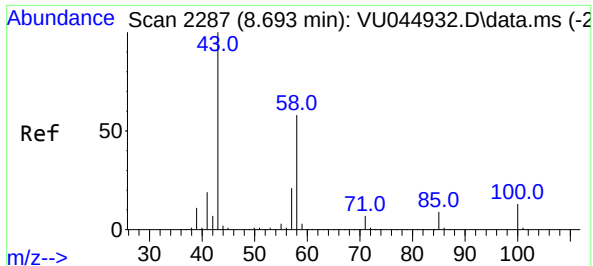
Tgt Ion: 43 Resp: 1310
Ion Ratio Lower Upper
43 100
58 25.5 32.4 48.6#



#56
Ethyl methacrylate
Concen: 1.854 ug/l
RT: 8.333 min Scan# 2175
Delta R.T. -0.007 min
Lab File: VU045400.D
Acq: 26 Oct 2021 13:25

Tgt Ion: 69 Resp: 206
Ion Ratio Lower Upper
69 100
41 45.6 53.5 80.3#
39 21.8 31.1 46.7#





#59

2-Hexanone

Concen: 0.487 ug/l

RT: 8.690 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU045400.D

Acq: 26 Oct 2021 13:25

Instrument :

MSVOA_U

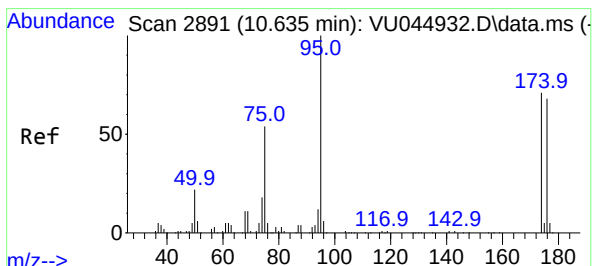
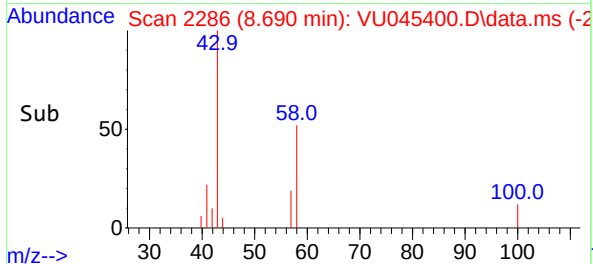
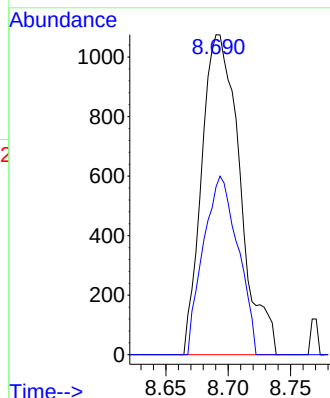
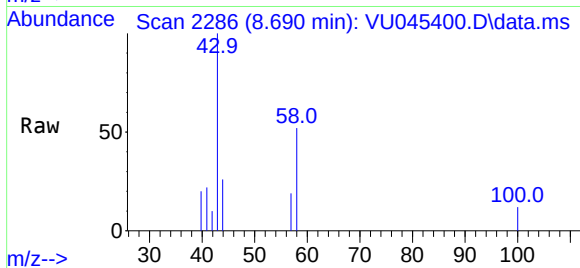
ClientSampleId :

Tgt Ion: 43 Resp: 2290

Ion Ratio Lower Upper

43 100

58 50.5 28.0 84.0



#62

4-Bromofluorobenzene

Concen: 43.981 ug/l

RT: 10.635 min Scan# 2891

Delta R.T. 0.000 min

Lab File: VU045400.D

Acq: 26 Oct 2021 13:25

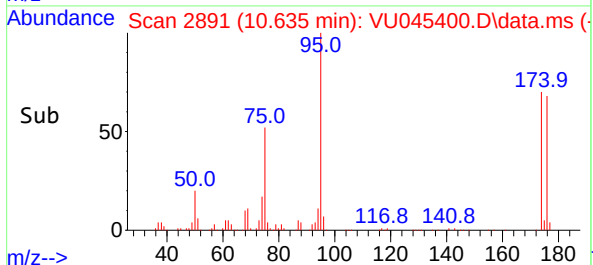
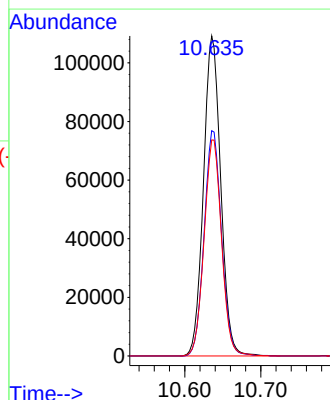
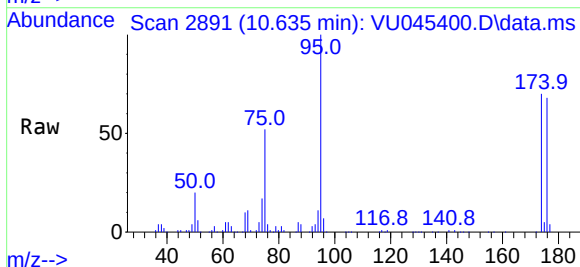
Tgt Ion: 95 Resp: 172294

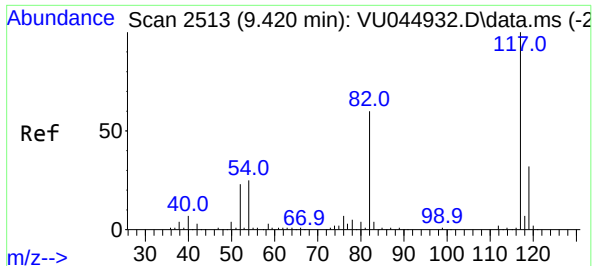
Ion Ratio Lower Upper

95 100

174 71.0 0.0 146.6

176 68.2 0.0 141.2

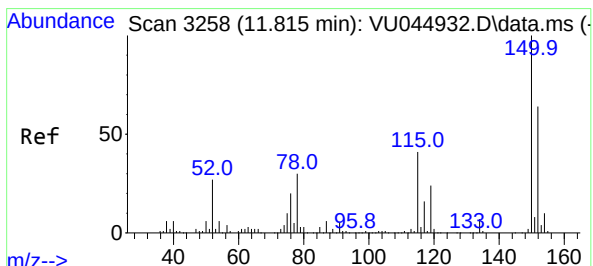
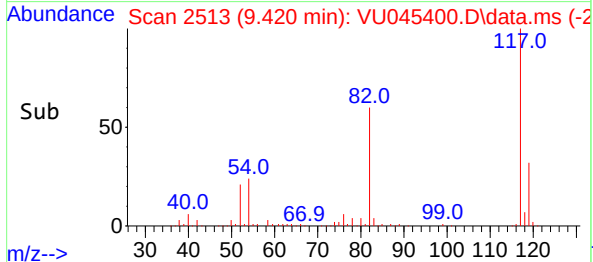
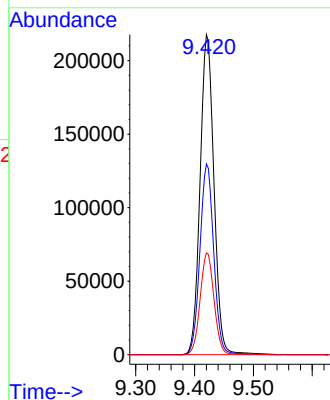
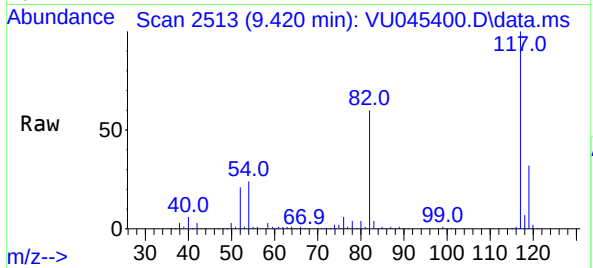




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU045400.D
Acq: 26 Oct 2021 13:25

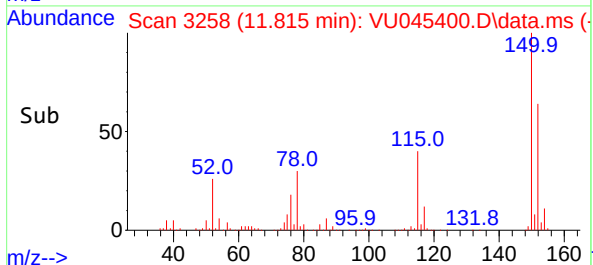
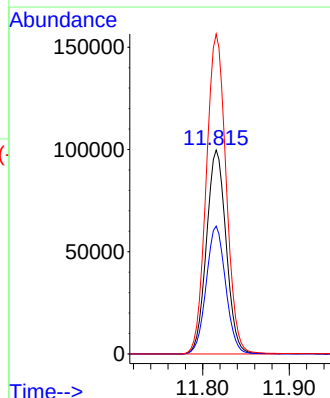
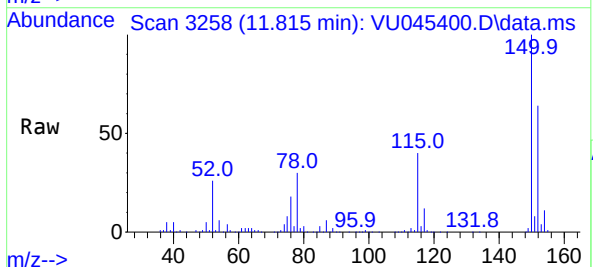
Instrument :
MSVOA_U
ClientSampleId :

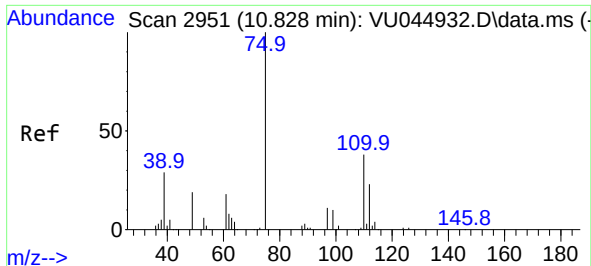
Tgt Ion:117 Resp: 356818
Ion Ratio Lower Upper
117 100
82 59.6 47.8 71.8
119 31.8 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.815 min Scan# 3258
Delta R.T. 0.000 min
Lab File: VU045400.D
Acq: 26 Oct 2021 13:25

Tgt Ion:152 Resp: 157267
Ion Ratio Lower Upper
152 100
115 62.3 43.5 130.7
150 158.3 0.0 350.0

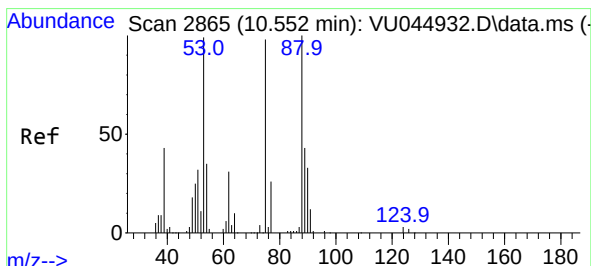
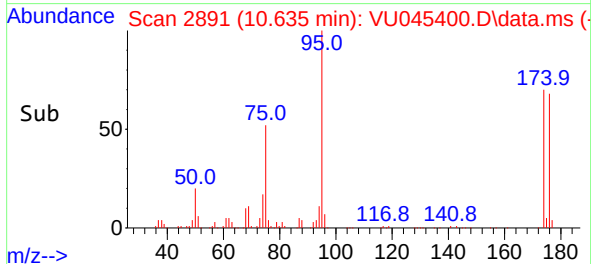
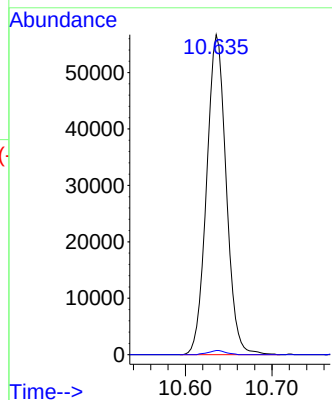
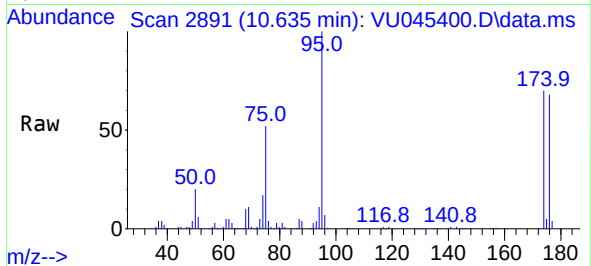




#76
1,2,3-Trichloropropane
Concen: 19.427 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. -0.193 min
Lab File: VU045400.D
Acq: 26 Oct 2021 13:25

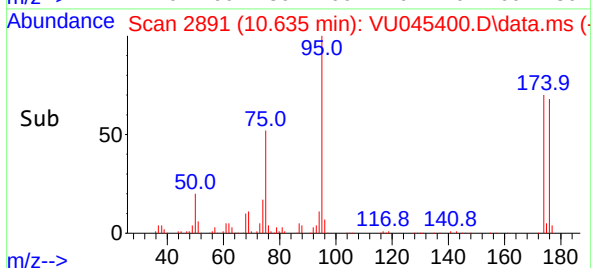
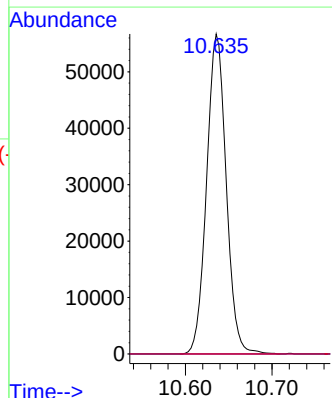
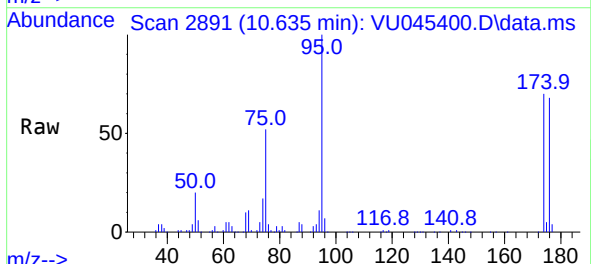
Instrument :
MSVOA_U
ClientSampleId :

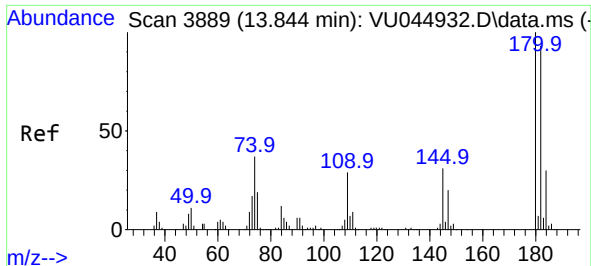
Tgt Ion: 75 Resp: 89117
Ion Ratio Lower Upper
75 100
77 1.2 17.9 53.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 53.914 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.083 min
Lab File: VU045400.D
Acq: 26 Oct 2021 13:25

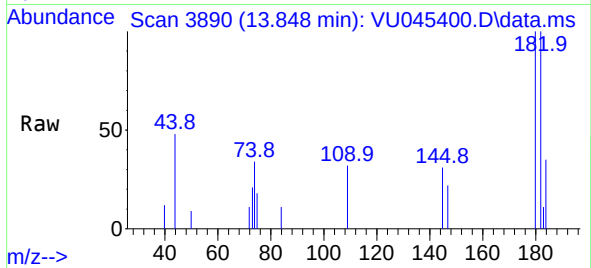
Tgt Ion: 75 Resp: 89117
Ion Ratio Lower Upper
75 100
53 0.0 82.0 123.0#
89 0.0 34.2 51.4#



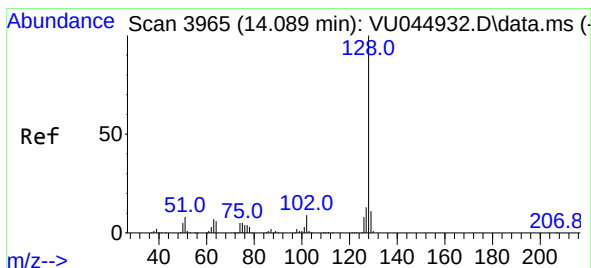
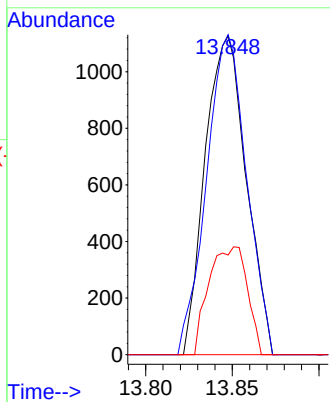
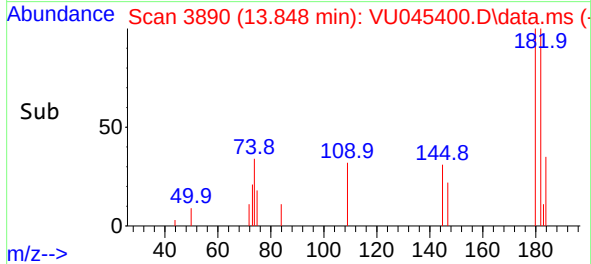


#93
1,2,4-Trichlorobenzene
Concen: 0.601 ug/l
RT: 13.848 min Scan# 3889
Delta R.T. 0.004 min
Lab File: VU045400.D
Acq: 26 Oct 2021 13:25

Instrument :
MSVOA_U
ClientSampleId :

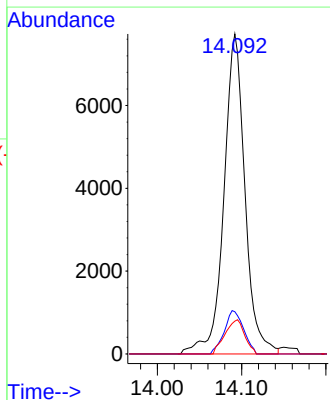
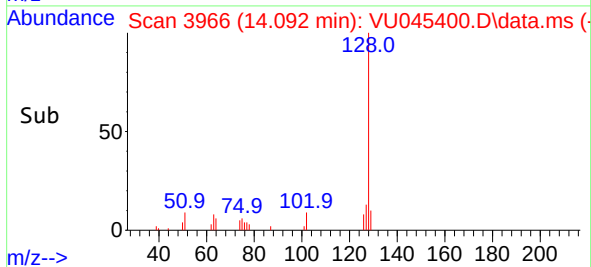
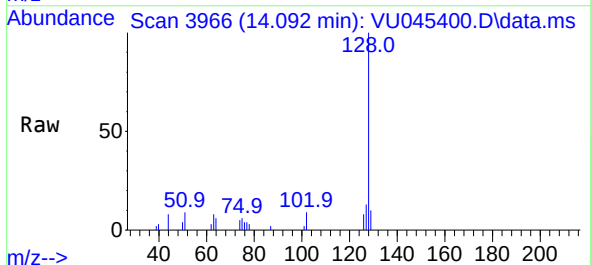


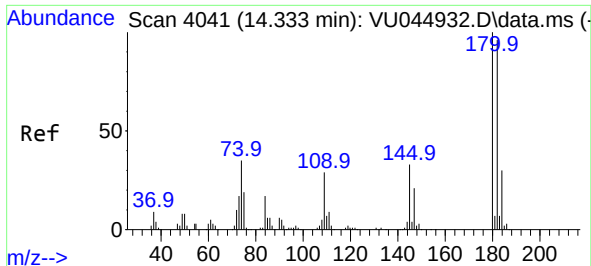
Tgt Ion:180 Resp: 1854
Ion Ratio Lower Upper
180 100
182 98.1 47.4 142.3
145 31.6 15.4 46.2



#95
Naphthalene
Concen: 1.157 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. 0.003 min
Lab File: VU045400.D
Acq: 26 Oct 2021 13:25

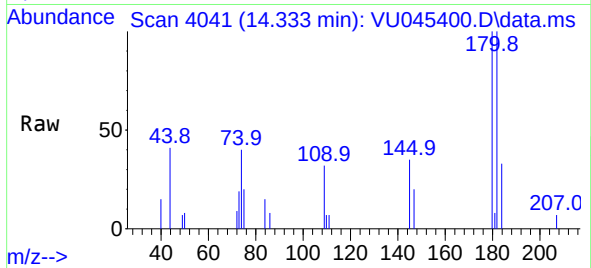
Tgt Ion:128 Resp: 13420
Ion Ratio Lower Upper
128 100
127 12.4 10.4 15.6
129 10.0 8.6 13.0





#96
1,2,3-Trichlorobenzene
Concen: 0.778 ug/l
RT: 14.333 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VU045400.D
Acq: 26 Oct 2021 13:25

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	180	Resp:	2410
Ion	Ratio	Lower	Upper
180	100		
182	105.6	47.1	141.4
145	33.3	16.4	49.2

