

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111121\
 Data File : VU045739.D
 Acq On : 11 Nov 2021 15:27
 Operator : SY/MD
 Sample : M4606-22
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 12 06:09:35 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)

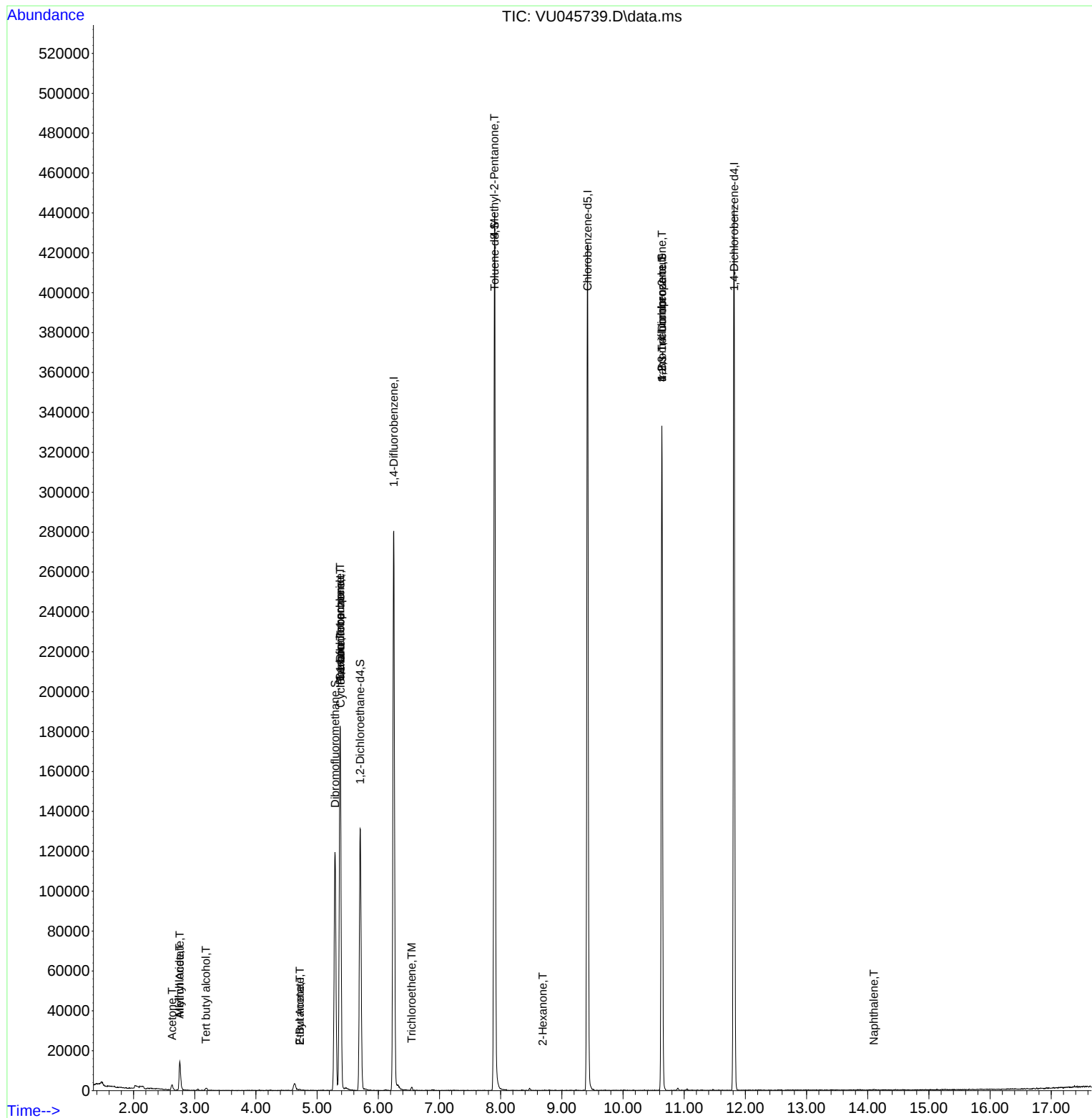
Internal Standards						
1) Pentafluorobenzene	5.379	168	119154	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	220085	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	226087	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	110264	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	98411	55.149	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 110.300%	
35) Dibromofluoromethane	5.292	113	76672	52.179	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.360%	
50) Toluene-d8	7.899	98	290563	53.179	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 106.360%	
62) 4-Bromofluorobenzene	10.636	95	108981	49.740	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 99.480%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.183	59	854	2.418	ug/l #	72
14) Allyl chloride	2.752	41	1413	0.604	ug/l #	67
16) Acetone	2.630	43	3389	3.731	ug/l	99
18) Methyl Acetate	2.755	43	4039	1.305	ug/l #	50
25) 2-Butanone	4.716	43	522	0.414	ug/l #	47
31) Cyclohexane	5.382	56	2779	1.067	ug/l #	1
36) 1,1-Dichloropropene	5.375	75	10396	4.844	ug/l #	49
37) Ethyl Acetate	4.716	43	522	0.212	ug/l #	67
38) Carbon Tetrachloride	5.375	117	13515	6.247	ug/l #	16
44) Trichloroethene	6.546	130	471	0.310	ug/l	96
51) 4-Methyl-2-Pentanone	7.896	43	1215	0.488	ug/l #	1
59) 2-Hexanone	8.687	43	20	7.544	ug/l #	21
76) 1,2,3-Trichloropropane	10.636	75	57595	17.224	ug/l #	42
81) trans-1,4-Dichloro-2-b...	10.636	75	57595	56.041	ug/l #	12
95) Naphthalene	14.102	128	307	1.062	ug/l #	69

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

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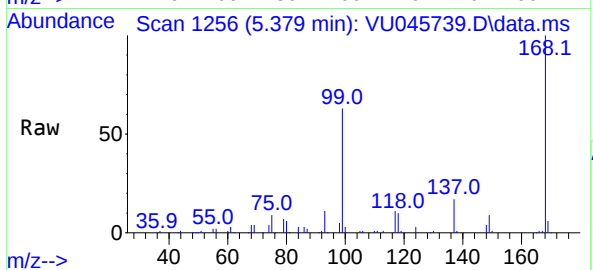
Quant Time: Nov 12 06:09:35 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
Quant Title : SW846 8260
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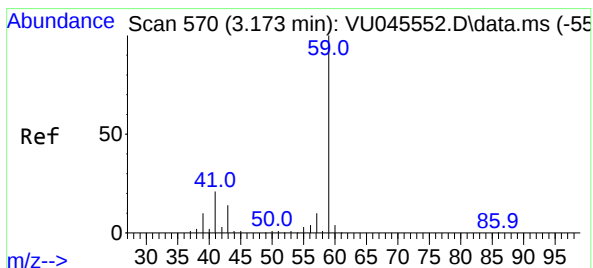
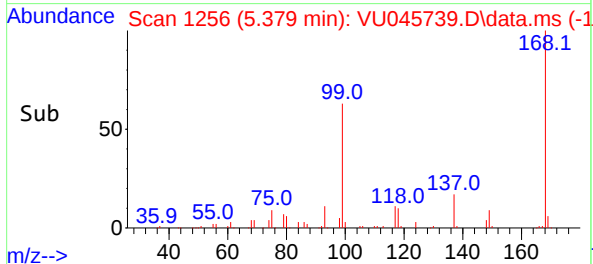
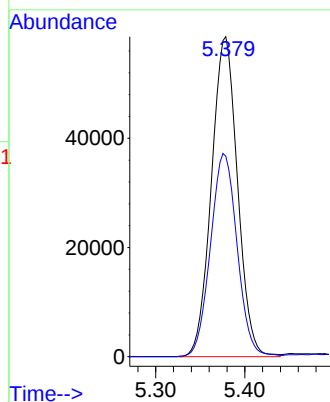


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.379 min Scan# 11
Delta R.T. 0.004 min
Lab File: VU045739.D
Acq: 11 Nov 2021 15:27

Instrument :
MSVOA_U
ClientSampleId :

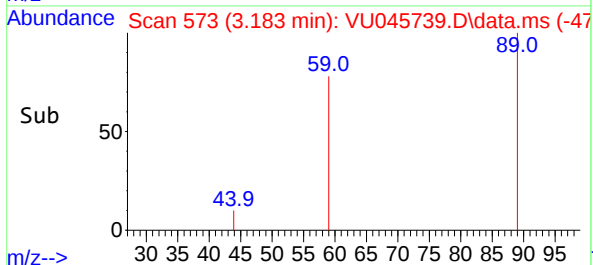
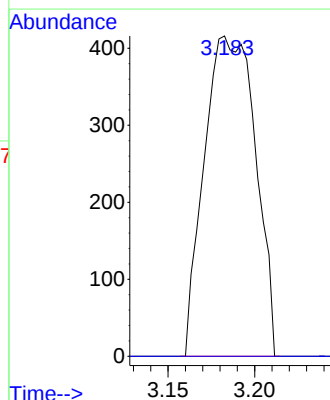
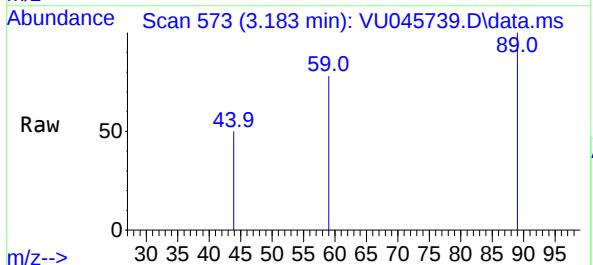


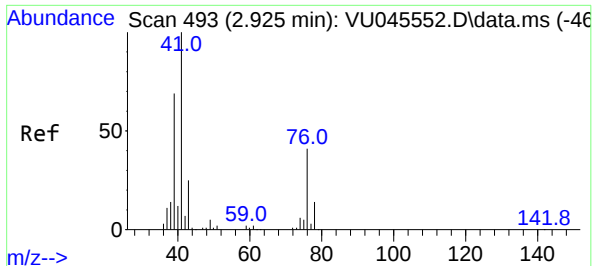
Tgt Ion:168 Resp: 119154
Ion Ratio Lower Upper
168 100
99 62.5 51.0 76.6



#11
Tert butyl alcohol
Concen: 2.418 ug/l
RT: 3.183 min Scan# 573
Delta R.T. 0.010 min
Lab File: VU045739.D
Acq: 11 Nov 2021 15:27

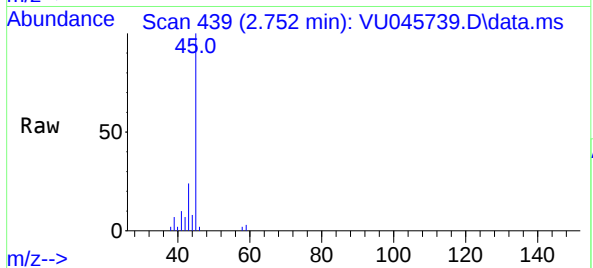
Tgt Ion: 59 Resp: 854
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



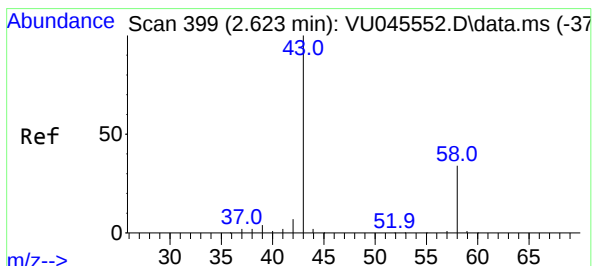
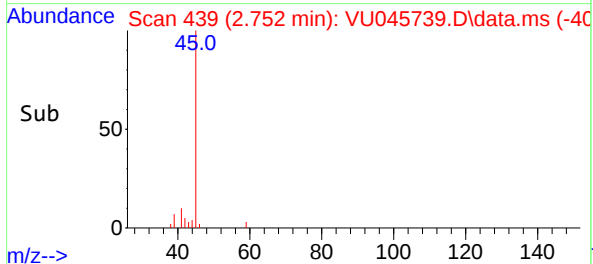
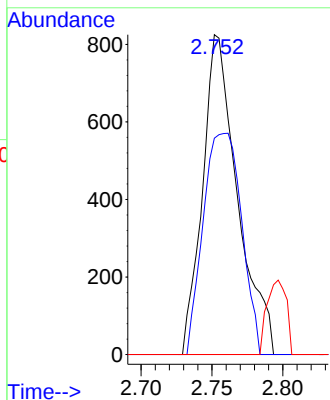


#14
Allyl chloride
Concen: 0.604 ug/l
RT: 2.752 min Scan# 41
Delta R.T. -0.174 min
Lab File: VU045739.D
Acq: 11 Nov 2021 15:27

Instrument :
MSVOA_U
ClientSampleId :

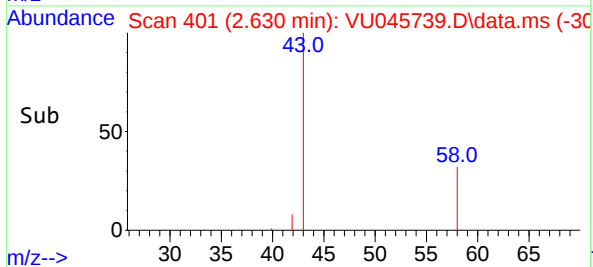
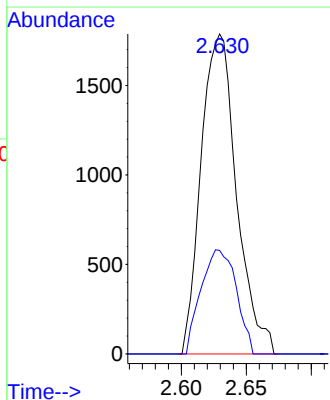
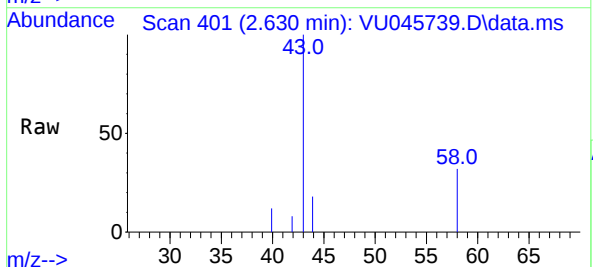


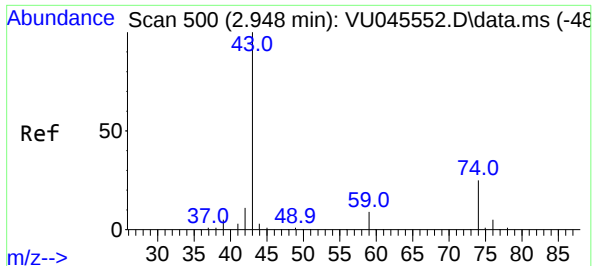
Tgt Ion: 41 Resp: 1413
Ion Ratio Lower Upper
41 100
39 75.9 49.7 74.5#
76 0.0 27.7 41.5#



#16
Acetone
Concen: 3.731 ug/l
RT: 2.630 min Scan# 401
Delta R.T. 0.007 min
Lab File: VU045739.D
Acq: 11 Nov 2021 15:27

Tgt Ion: 43 Resp: 3389
Ion Ratio Lower Upper
43 100
58 32.3 26.2 39.2

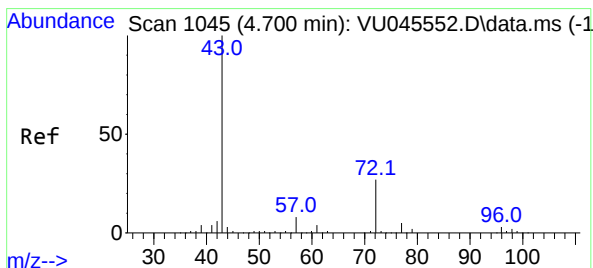
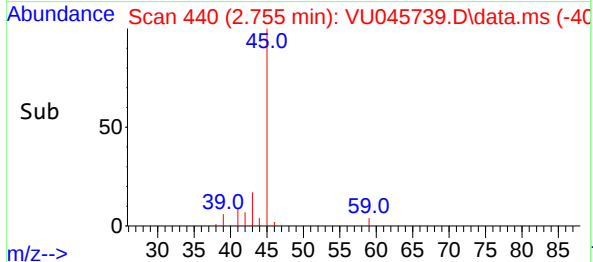
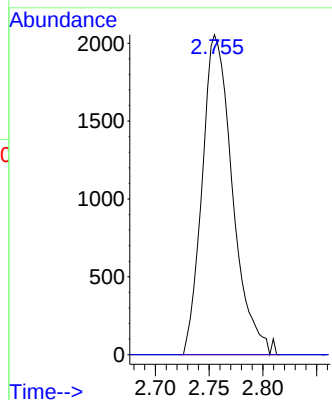
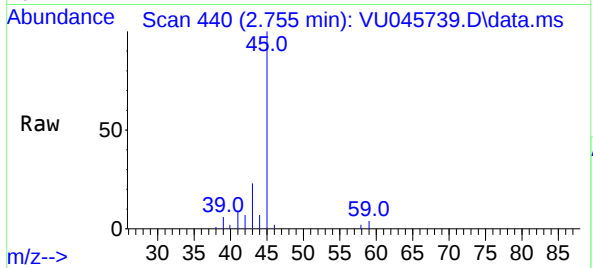




#18
Methyl Acetate
Concen: 1.305 ug/l
RT: 2.755 min Scan# 44
Delta R.T. -0.193 min
Lab File: VU045739.D
Acq: 11 Nov 2021 15:27

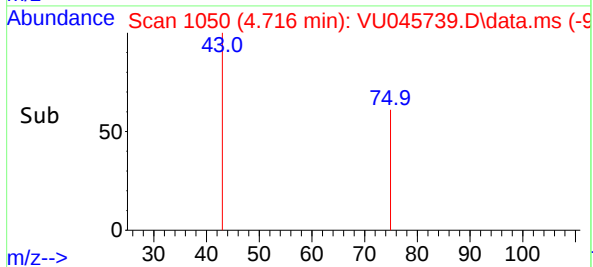
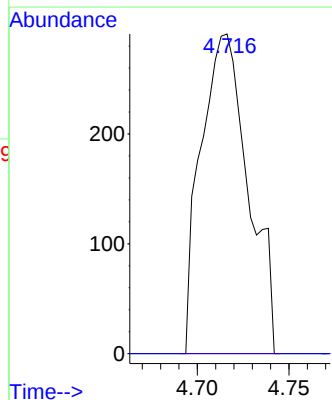
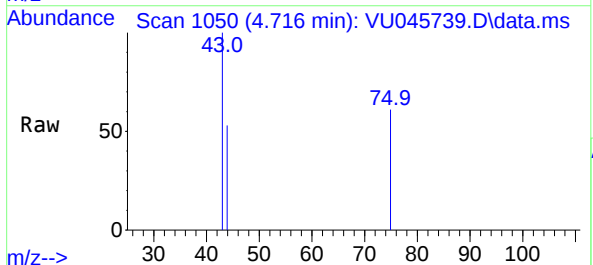
Instrument :
MSVOA_U
ClientSampleId :

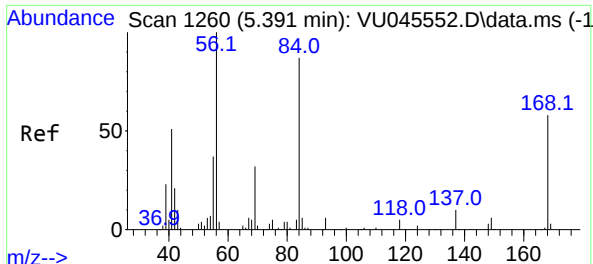
Tgt Ion: 43 Resp: 4039
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#



#25
2-Butanone
Concen: 0.414 ug/l
RT: 4.716 min Scan# 1050
Delta R.T. 0.016 min
Lab File: VU045739.D
Acq: 11 Nov 2021 15:27

Tgt Ion: 43 Resp: 522
Ion Ratio Lower Upper
43 100
72 0.0 22.0 33.0#





#31

Cyclohexane

Concen: 1.067 ug/l

RT: 5.382 min Scan# 1257

Delta R.T. -0.010 min

Lab File: VU045739.D

Acq: 11 Nov 2021 15:27

Instrument :

MSVOA_U

ClientSampleId :

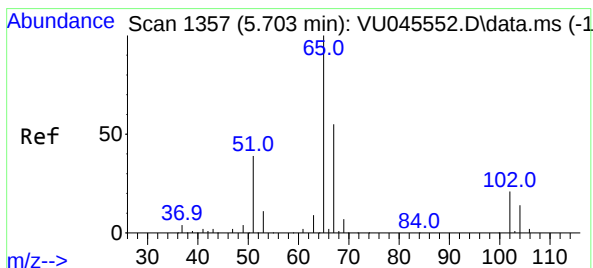
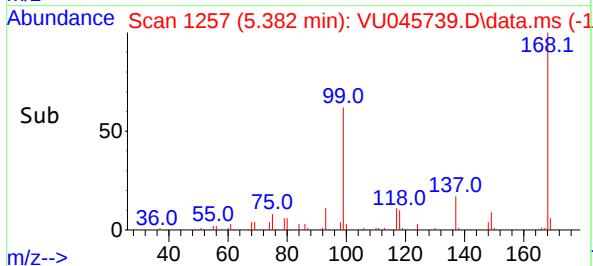
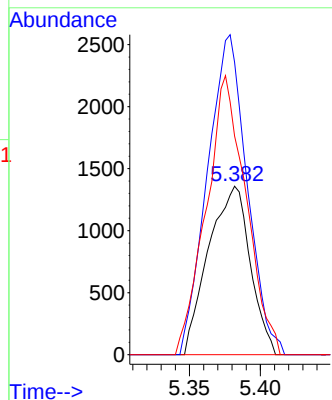
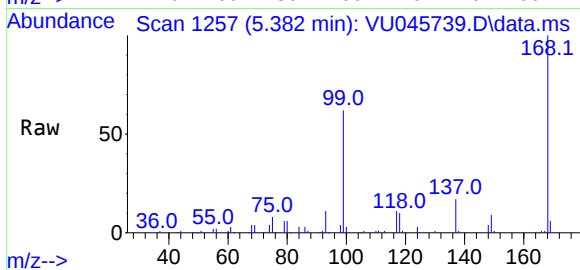
Tgt Ion: 56 Resp: 2779

Ion Ratio Lower Upper

56 100

69 173.4 26.4 39.6#

84 129.7 68.4 102.6#



#33

1,2-Dichloroethane-d4

Concen: 55.149 ug/l

RT: 5.703 min Scan# 1357

Delta R.T. 0.000 min

Lab File: VU045739.D

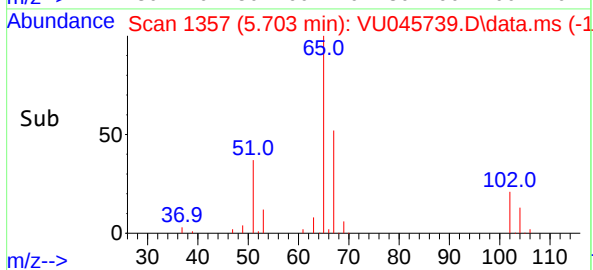
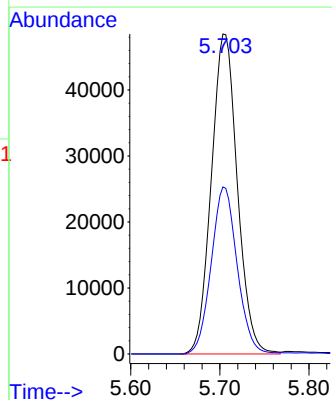
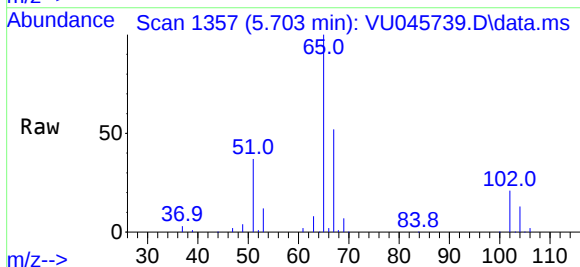
Acq: 11 Nov 2021 15:27

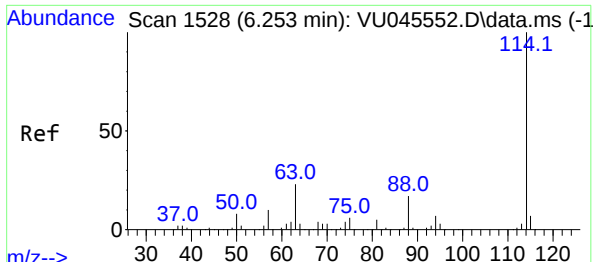
Tgt Ion: 65 Resp: 98411

Ion Ratio Lower Upper

65 100

67 52.2 0.0 105.8

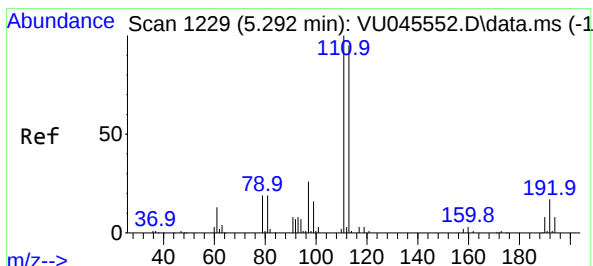
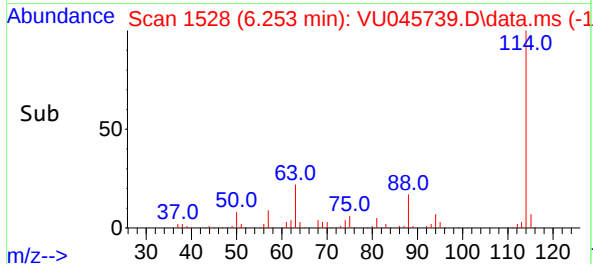
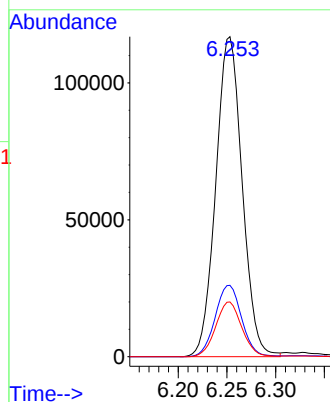
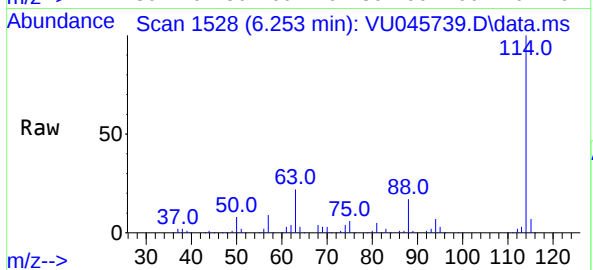




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.253 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045739.D
Acq: 11 Nov 2021 15:27

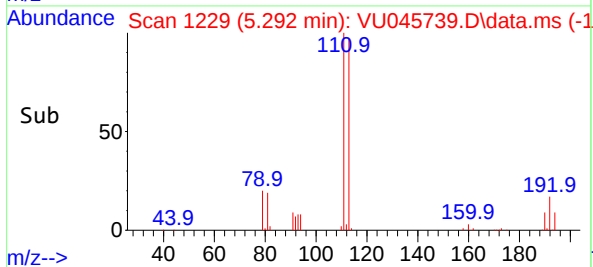
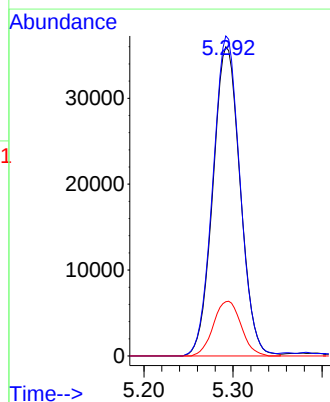
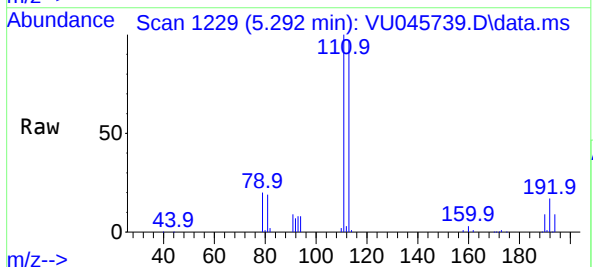
Instrument :
MSVOA_U
ClientSampleId :

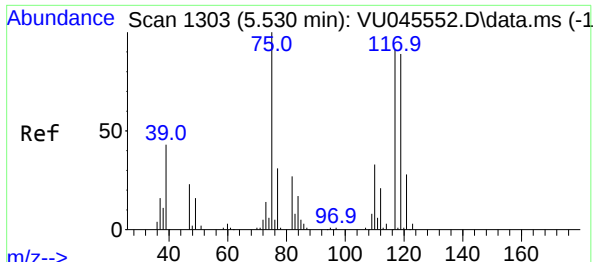
Tgt Ion:114 Resp: 220085
Ion Ratio Lower Upper
114 100
63 22.3 0.0 45.6
88 17.1 0.0 33.8



#35
Dibromofluoromethane
Concen: 52.179 ug/l
RT: 5.292 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VU045739.D
Acq: 11 Nov 2021 15:27

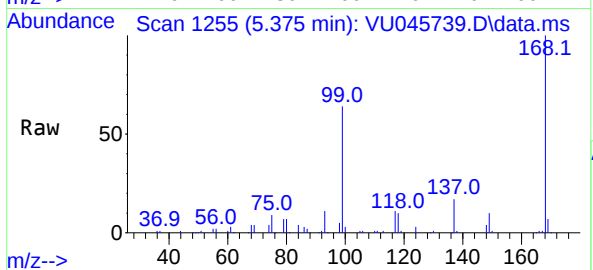
Tgt Ion:113 Resp: 76672
Ion Ratio Lower Upper
113 100
111 102.6 82.8 124.2
192 17.9 14.8 22.2



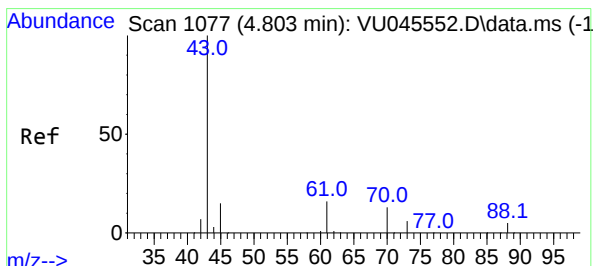
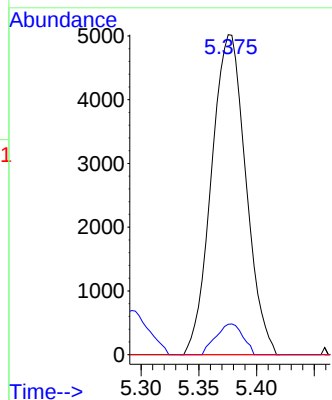
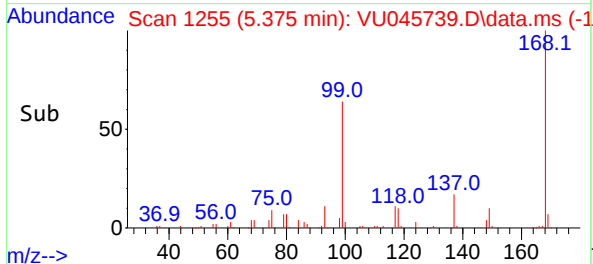


#36
1,1-Dichloropropene
Concen: 4.844 ug/l
RT: 5.375 min Scan# 11
Delta R.T. -0.154 min
Lab File: VU045739.D
Acq: 11 Nov 2021 15:27

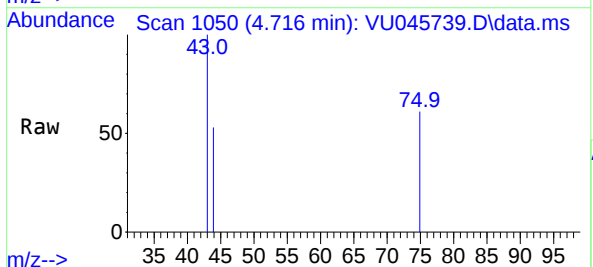
Instrument :
MSVOA_U
ClientSampleId :



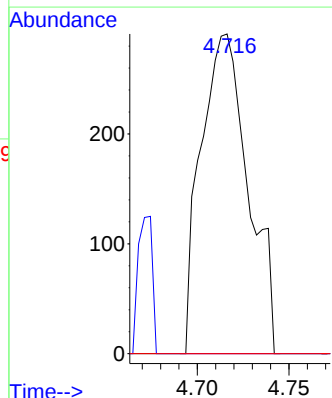
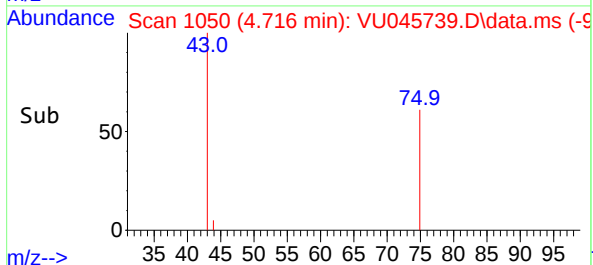
Tgt Ion: 75 Resp: 10396
Ion Ratio Lower Upper
75 100
110 7.5 16.7 50.0#
77 0.0 25.0 37.4#

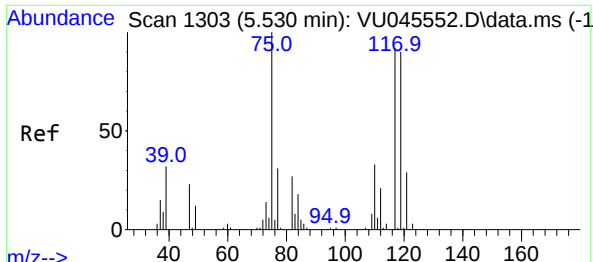


#37
Ethyl Acetate
Concen: 0.212 ug/l
RT: 4.716 min Scan# 1050
Delta R.T. -0.087 min
Lab File: VU045739.D
Acq: 11 Nov 2021 15:27



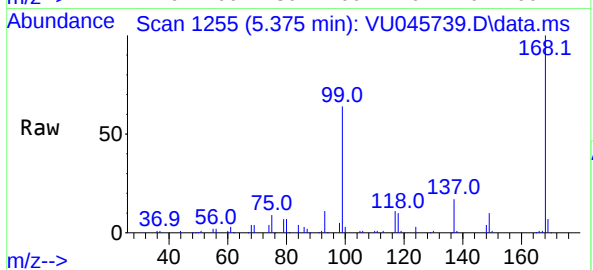
Tgt Ion: 43 Resp: 522
Ion Ratio Lower Upper
43 100
61 0.0 11.6 17.4#
70 0.0 9.1 13.7#



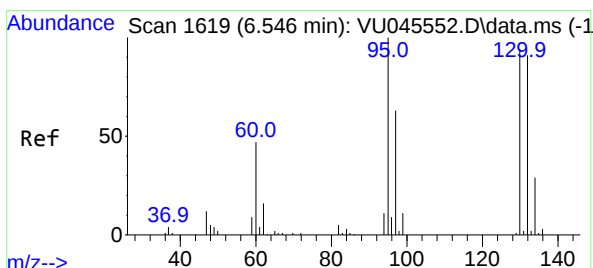
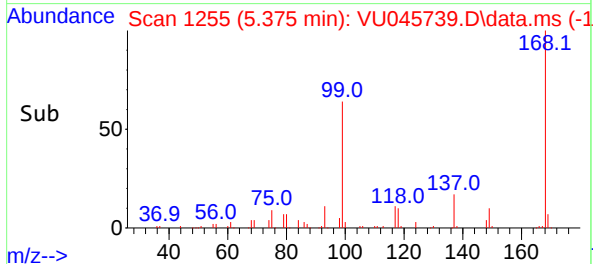
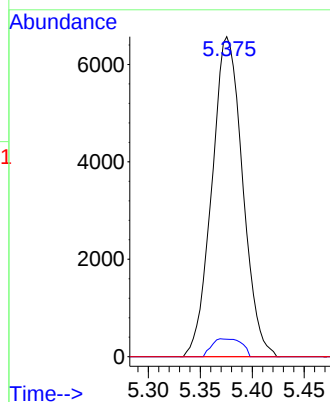


#38
Carbon Tetrachloride
Concen: 6.247 ug/l
RT: 5.375 min Scan# 11
Delta R.T. -0.154 min
Lab File: VU045739.D
Acq: 11 Nov 2021 15:27

Instrument :
MSVOA_U
ClientSampleId :

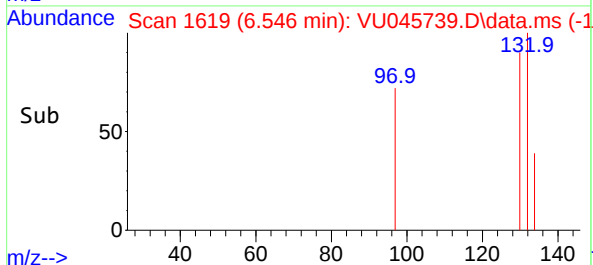
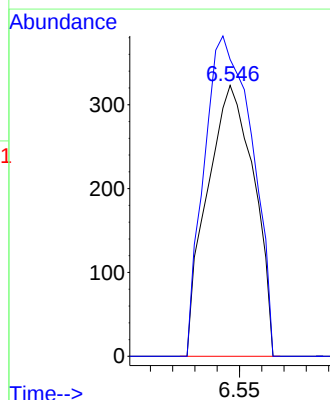
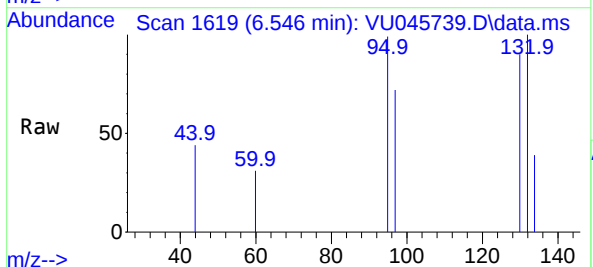


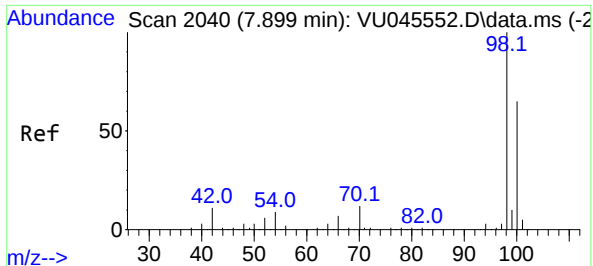
Tgt Ion:117 Resp: 13515
Ion Ratio Lower Upper
117 100
119 5.4 77.4 116.0#
121 0.0 24.8 37.2#



#44
Trichloroethene
Concen: 0.310 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU045739.D
Acq: 11 Nov 2021 15:27

Tgt Ion:130 Resp: 471
Ion Ratio Lower Upper
130 100
95 109.6 0.0 211.4

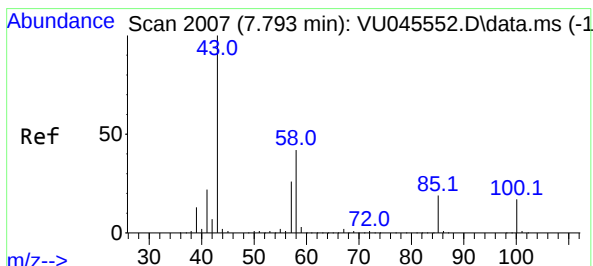
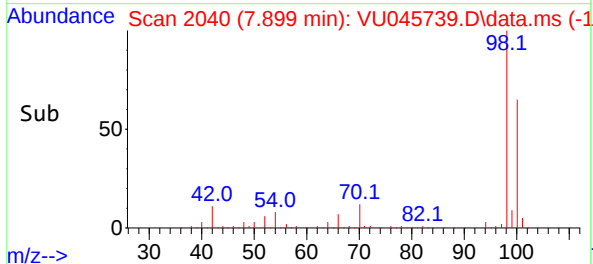
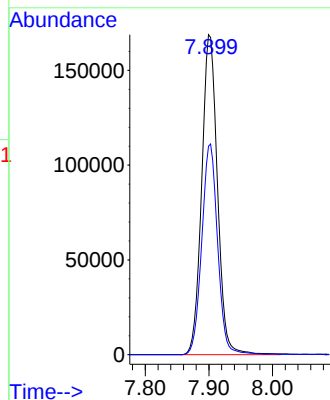
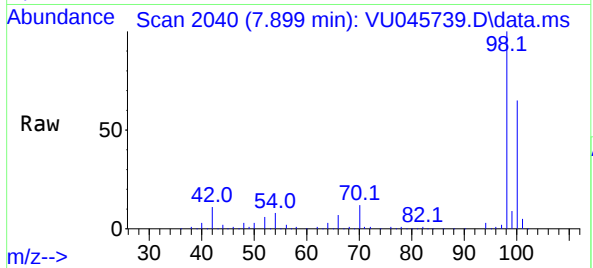




#50
Toluene-d8
Concen: 53.179 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VU045739.D
Acq: 11 Nov 2021 15:27

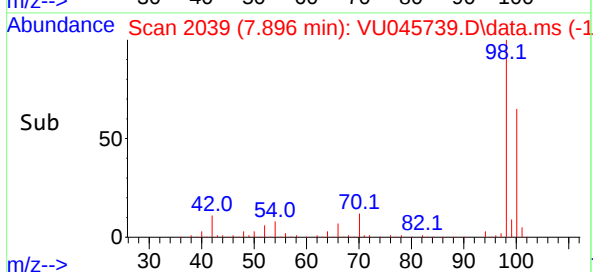
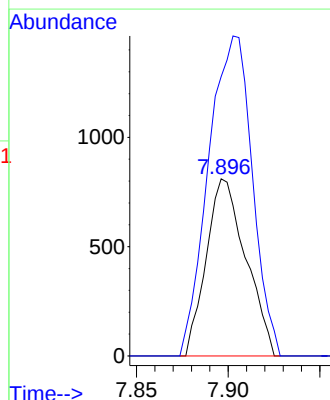
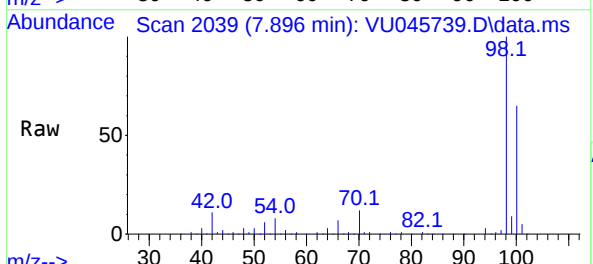
Instrument :
MSVOA_U
ClientSampleId :

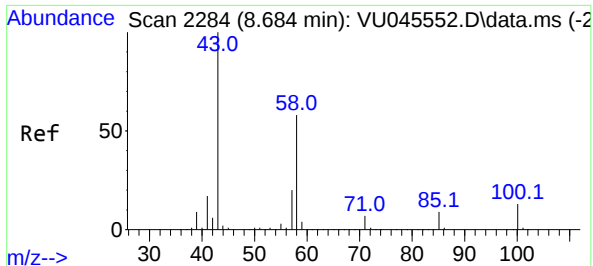
Tgt Ion: 98 Resp: 290563
Ion Ratio Lower Upper
98 100
100 66.1 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.488 ug/l
RT: 7.896 min Scan# 2039
Delta R.T. 0.103 min
Lab File: VU045739.D
Acq: 11 Nov 2021 15:27

Tgt Ion: 43 Resp: 1215
Ion Ratio Lower Upper
43 100
58 200.2 33.8 50.8#





#59

2-Hexanone

Concen: 7.544 ug/l

RT: 8.687 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU045739.D

Acq: 11 Nov 2021 15:27

Instrument :

MSVOA_U

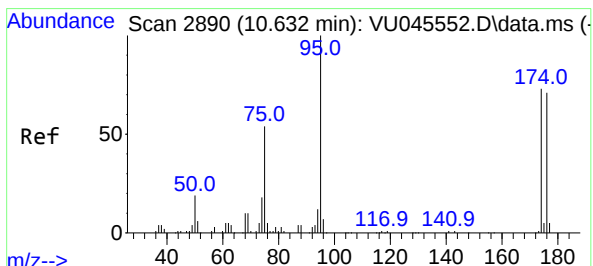
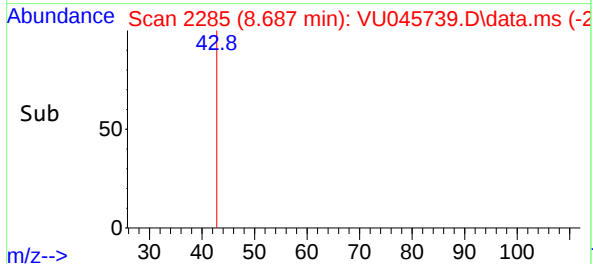
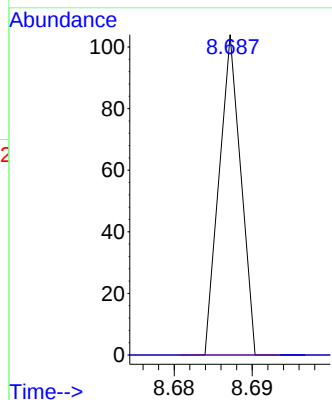
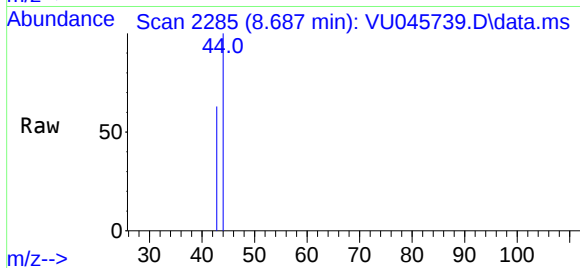
ClientSampleId :

Tgt Ion: 43 Resp: 20

Ion Ratio Lower Upper

43 100

58 0.0 29.5 88.6#



#62

4-Bromofluorobenzene

Concen: 49.740 ug/l

RT: 10.636 min Scan# 2891

Delta R.T. 0.003 min

Lab File: VU045739.D

Acq: 11 Nov 2021 15:27

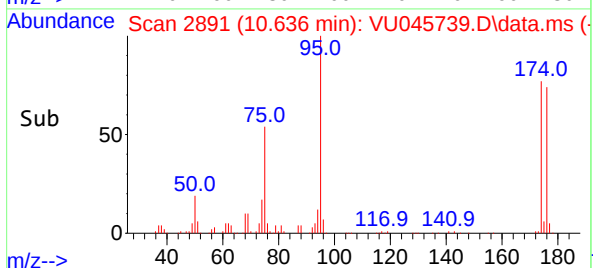
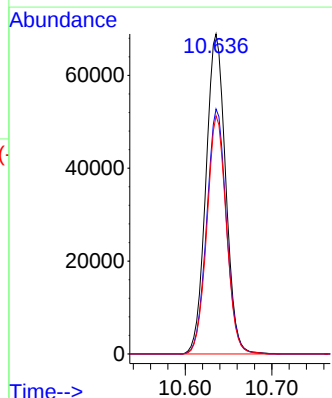
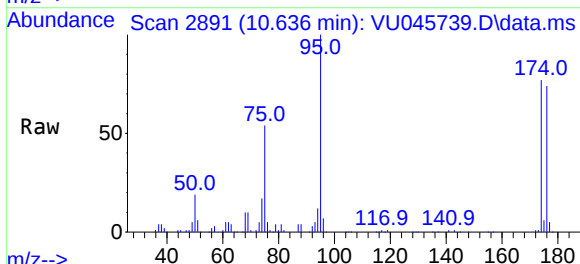
Tgt Ion: 95 Resp: 108981

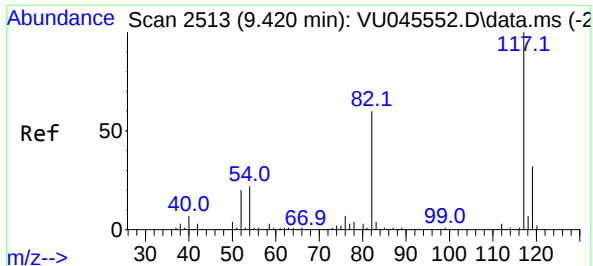
Ion Ratio Lower Upper

95 100

174 76.4 0.0 141.8

176 73.2 0.0 138.2

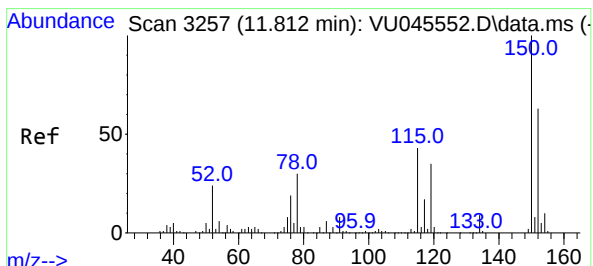
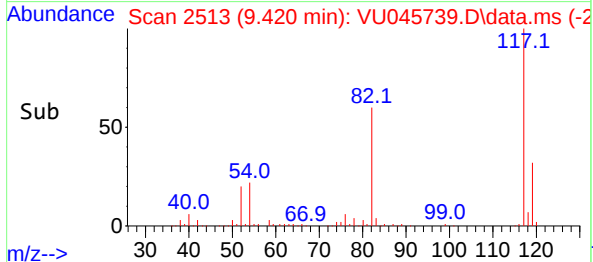
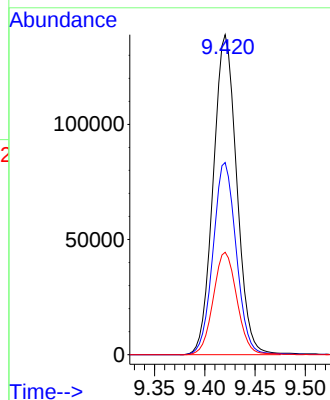
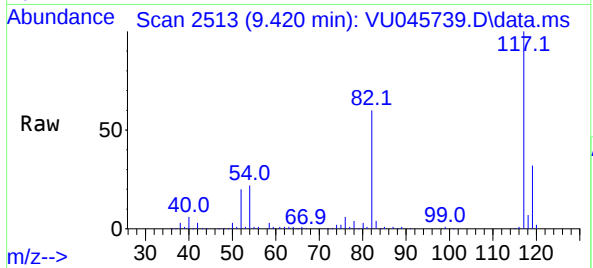




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU045739.D
Acq: 11 Nov 2021 15:27

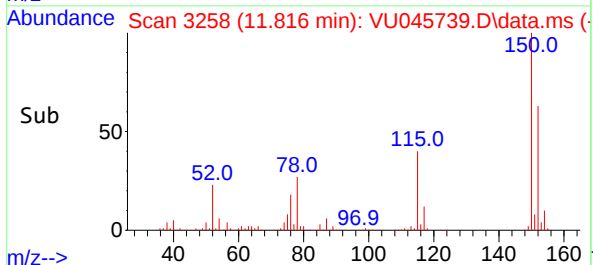
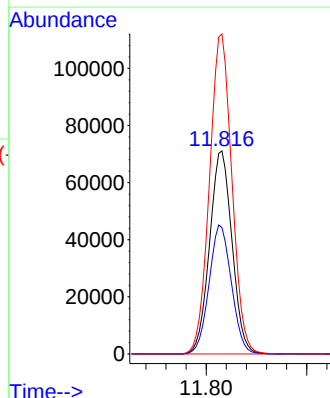
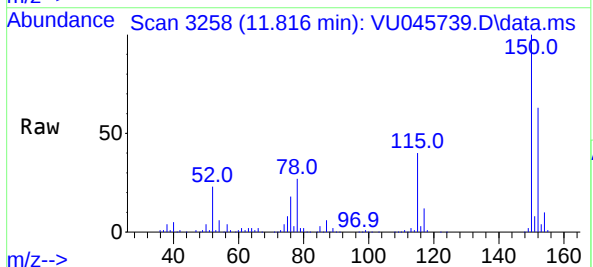
Instrument :
MSVOA_U
ClientSampleId :

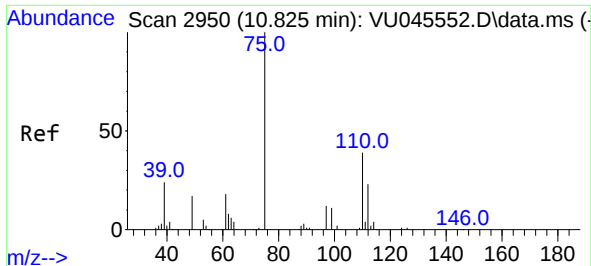
Tgt Ion:117 Resp: 226087
Ion Ratio Lower Upper
117 100
82 60.0 47.8 71.8
119 32.0 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.816 min Scan# 3258
Delta R.T. 0.003 min
Lab File: VU045739.D
Acq: 11 Nov 2021 15:27

Tgt Ion:152 Resp: 110264
Ion Ratio Lower Upper
152 100
115 63.1 42.7 128.1
150 157.1 0.0 346.8

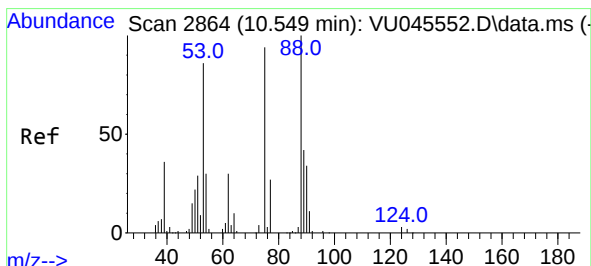
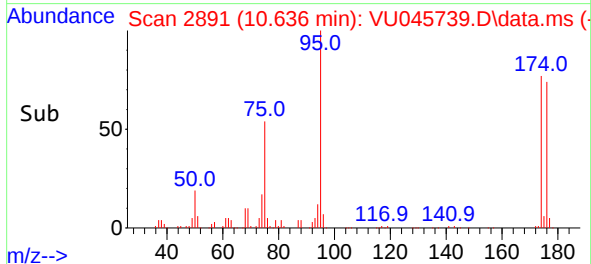
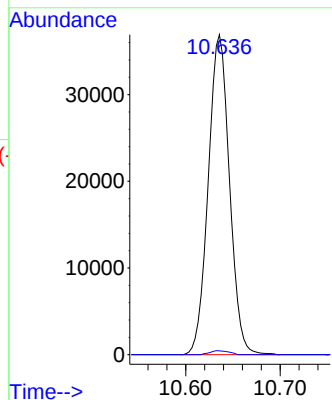
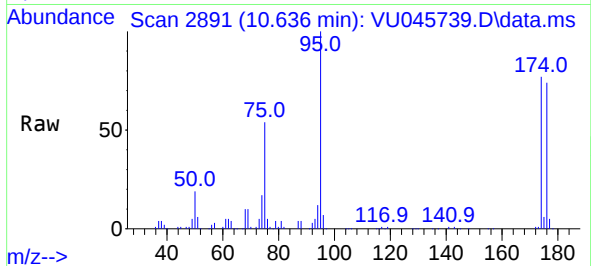




#76
1,2,3-Trichloropropane
Concen: 17.224 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. -0.190 min
Lab File: VU045739.D
Acq: 11 Nov 2021 15:27

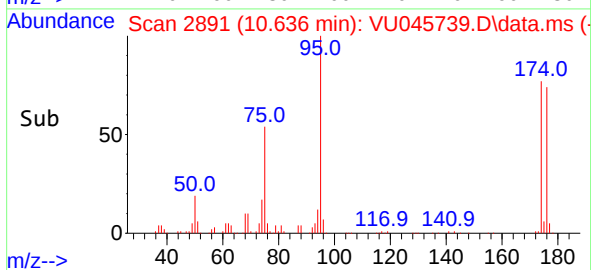
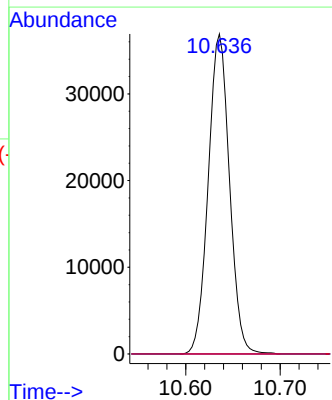
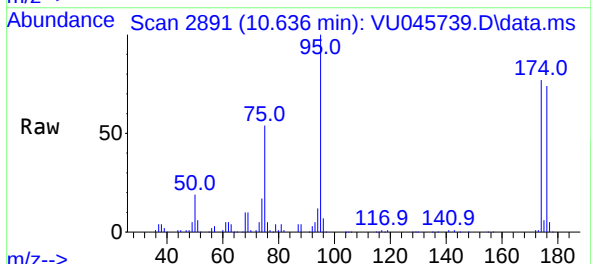
Instrument :
MSVOA_U
ClientSampleId :

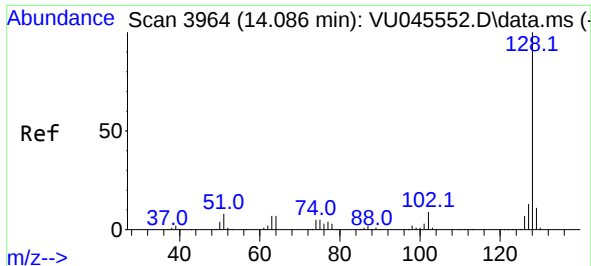
Tgt Ion: 75 Resp: 57595
Ion Ratio Lower Upper
75 100
77 1.1 17.1 51.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 56.041 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.087 min
Lab File: VU045739.D
Acq: 11 Nov 2021 15:27

Tgt Ion: 75 Resp: 57595
Ion Ratio Lower Upper
75 100
53 0.0 76.2 114.4#
89 0.0 34.0 51.0#





#95

Naphthalene

Concen: 1.062 ug/l

RT: 14.102 min Scan# 3969

Delta R.T. 0.016 min

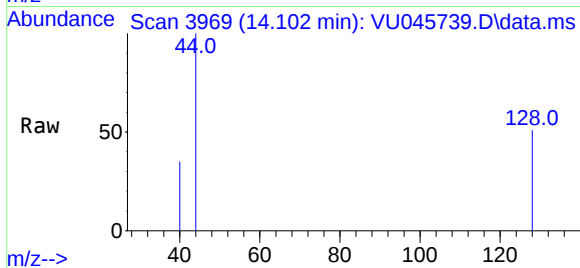
Lab File: VU045739.D

Acq: 11 Nov 2021 15:27

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:128 Resp: 307

Ion Ratio Lower Upper

128 100

127 0.0 10.6 15.8#

129 0.0 8.6 13.0#

