

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111221\
 Data File : VU045765.D
 Acq On : 12 Nov 2021 13:38
 Operator : SY/MD
 Sample : M4606-19
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 15 05:19:28 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)

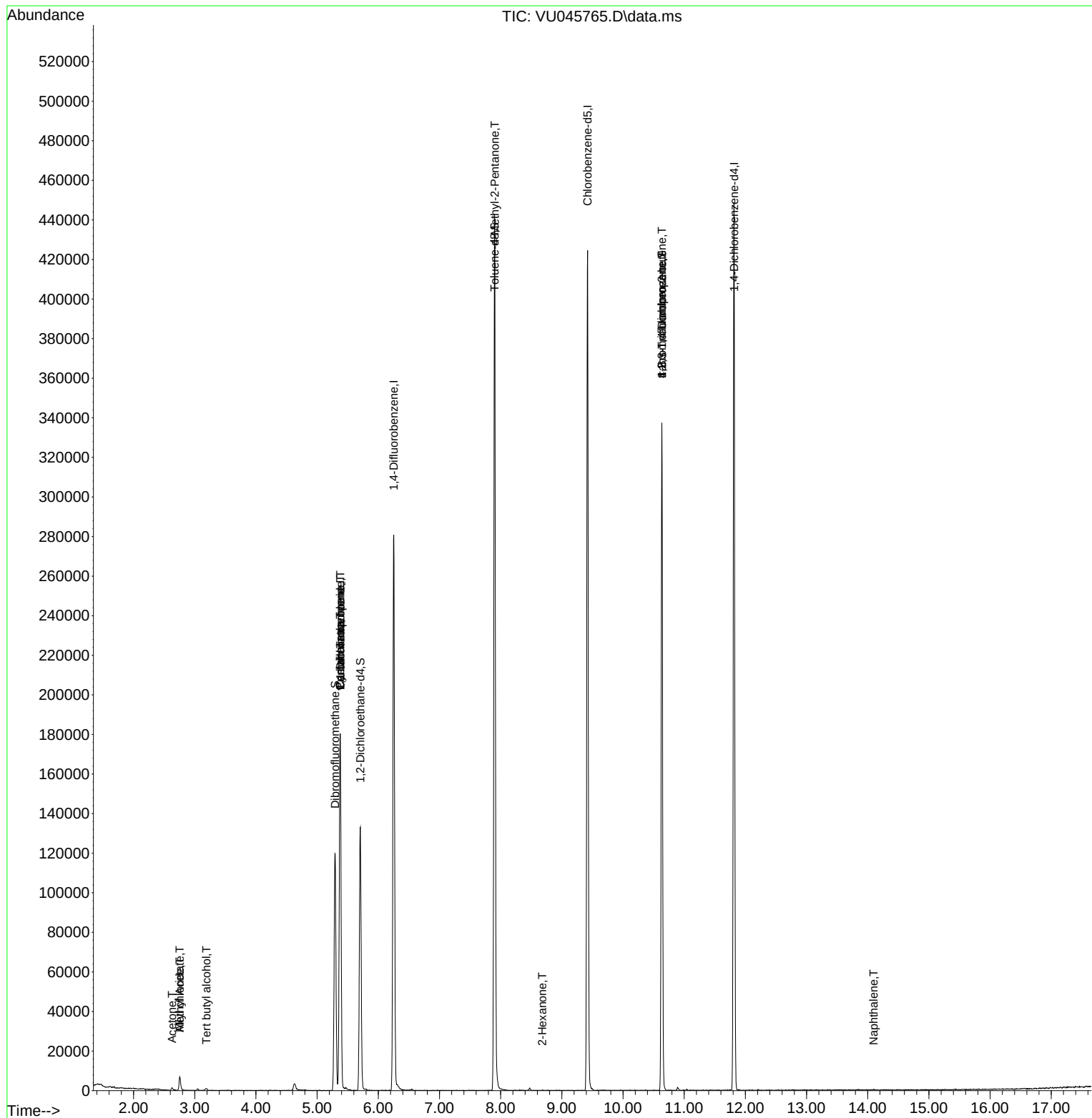
Internal Standards						
1) Pentafluorobenzene	5.379	168	120150	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	221051	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	231100	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	113287	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.707	65	98400	54.685	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 109.380%			
35) Dibromofluoromethane	5.292	113	77120	52.255	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.500%			
50) Toluene-d8	7.899	98	294239	53.616	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 107.240%			
62) 4-Bromofluorobenzene	10.636	95	110998	50.439	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.880%			
Target Compounds						Qvalue
11) Tert butyl alcohol	3.189	59	745	2.092	ug/l #	72
14) Allyl chloride	2.755	41	681	0.289	ug/l #	64
16) Acetone	2.630	43	1522	1.662	ug/l	94
18) Methyl Acetate	2.755	43	2064	0.662	ug/l #	50
31) Cyclohexane	5.375	56	2687	1.023	ug/l #	1
36) 1,1-Dichloropropene	5.379	75	10681	4.955	ug/l #	49
38) Carbon Tetrachloride	5.379	117	12465	5.736	ug/l #	16
51) 4-Methyl-2-Pentanone	7.906	43	1080	0.432	ug/l #	1
59) 2-Hexanone	8.681	43	148	7.601	ug/l #	21
76) 1,2,3-Trichloropropane	10.636	75	57981	16.877	ug/l #	43
81) trans-1,4-Dichloro-2-b...	10.636	75	57981	54.971	ug/l #	12
95) Naphthalene	14.095	128	371	1.068	ug/l #	69

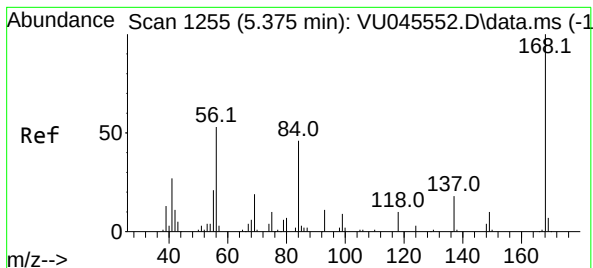
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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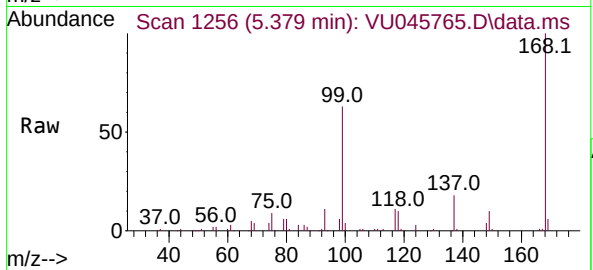
Quant Time: Nov 15 05:19:28 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 05 13:35:16 2021
Response via : Initial Calibration



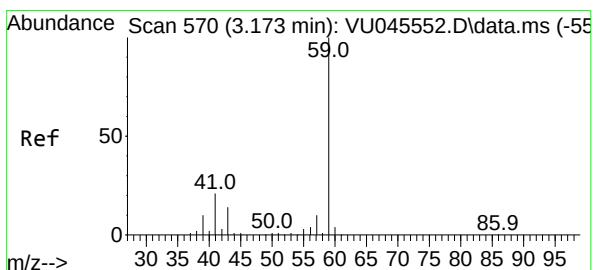
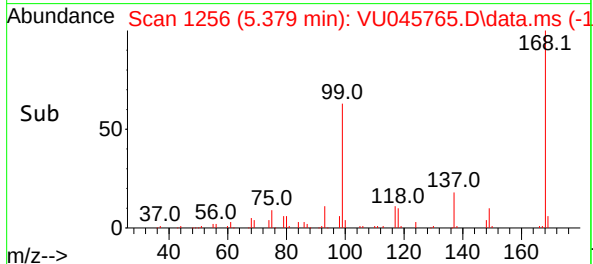
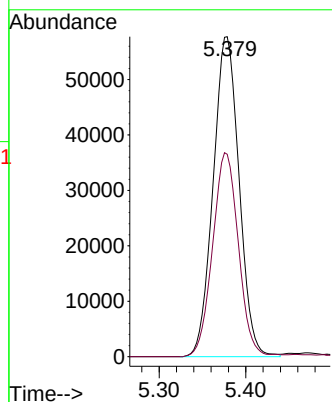


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.379 min Scan# 11
Delta R.T. 0.004 min
Lab File: VU045765.D
Acq: 12 Nov 2021 13:38

Instrument :
MSVOA_U
ClientSampleId :

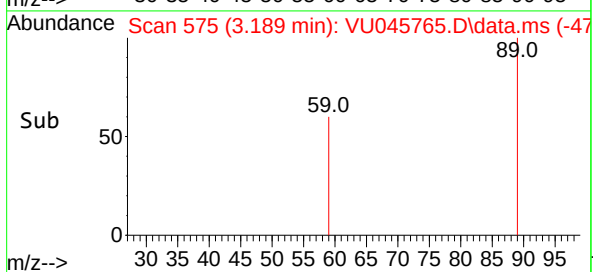
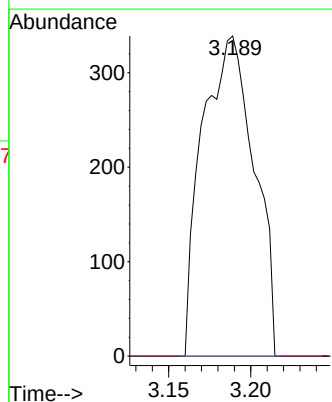
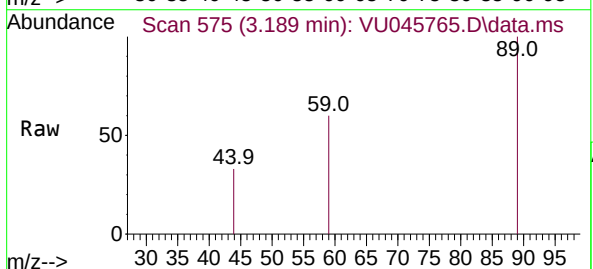


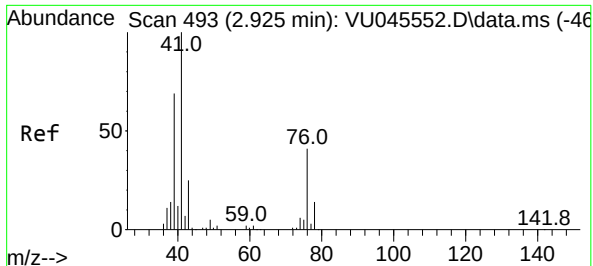
Tgt Ion:168 Resp: 120150
Ion Ratio Lower Upper
168 100
99 63.2 51.0 76.6



#11
Tert butyl alcohol
Concen: 2.092 ug/l
RT: 3.189 min Scan# 575
Delta R.T. 0.016 min
Lab File: VU045765.D
Acq: 12 Nov 2021 13:38

Tgt Ion: 59 Resp: 745
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#14

Allyl chloride

Concen: 0.289 ug/l

RT: 2.755 min Scan# 41

Delta R.T. -0.170 min

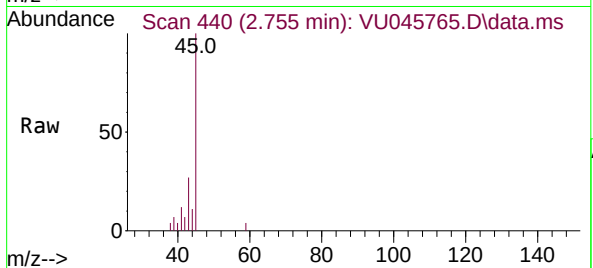
Lab File: VU045765.D

Acq: 12 Nov 2021 13:38

Instrument :

MSVOA_U

ClientSampleId :



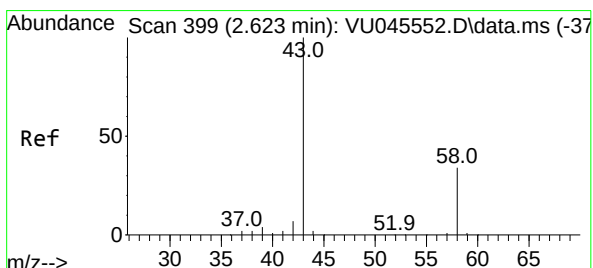
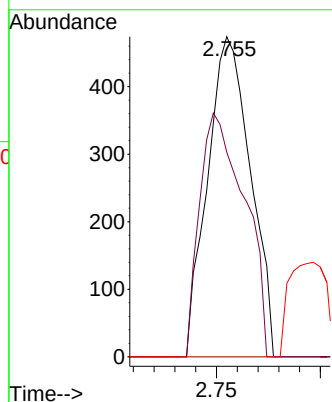
Tgt Ion: 41 Resp: 681

Ion Ratio Lower Upper

41 100

39 79.6 49.7 74.5#

76 0.0 27.7 41.5#



#16

Acetone

Concen: 1.662 ug/l

RT: 2.630 min Scan# 401

Delta R.T. 0.007 min

Lab File: VU045765.D

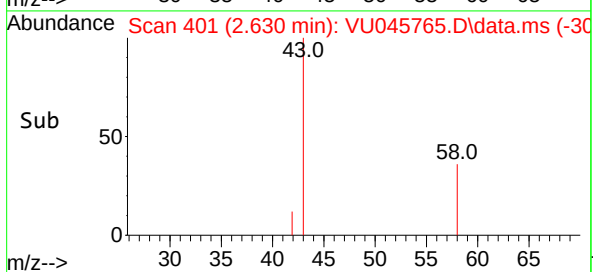
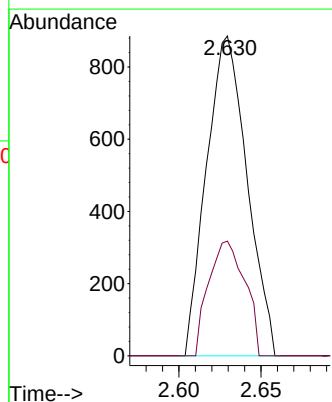
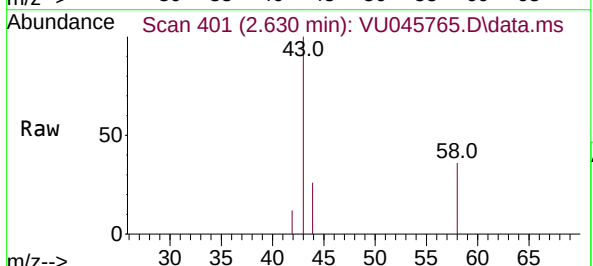
Acq: 12 Nov 2021 13:38

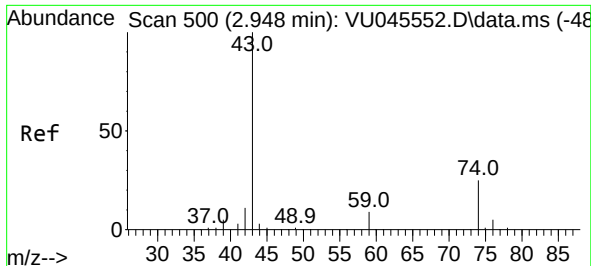
Tgt Ion: 43 Resp: 1522

Ion Ratio Lower Upper

43 100

58 35.9 26.2 39.2

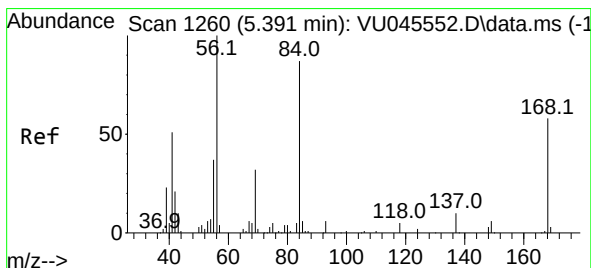
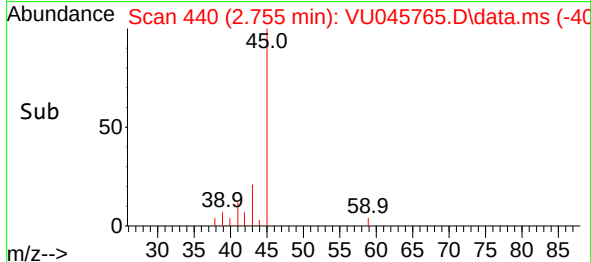
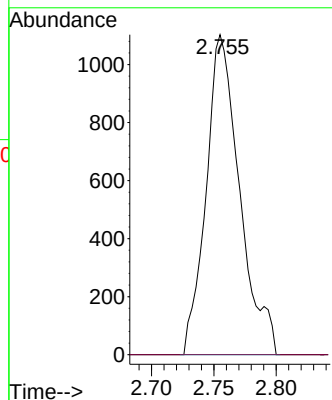
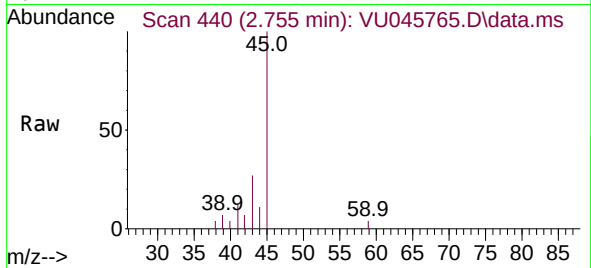




#18
Methyl Acetate
Concen: 0.662 ug/l
RT: 2.755 min Scan# 44
Delta R.T. -0.193 min
Lab File: VU045765.D
Acq: 12 Nov 2021 13:38

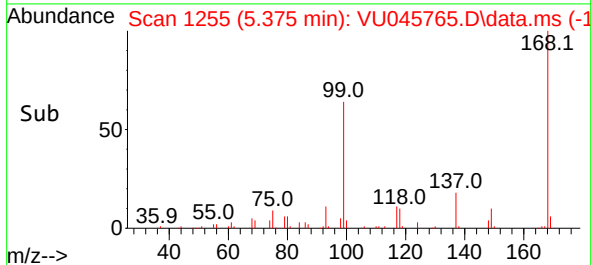
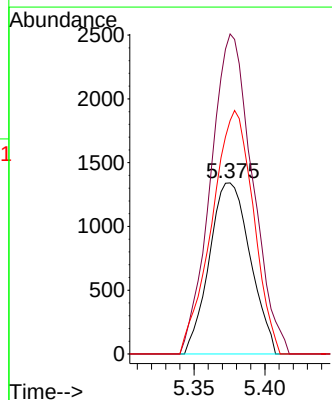
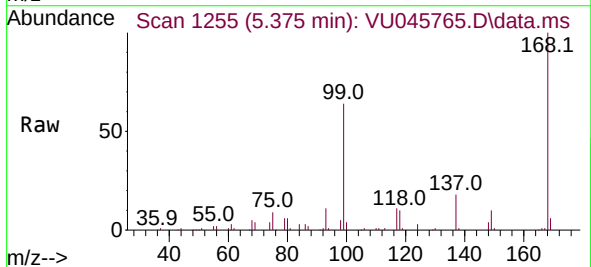
Instrument :
MSVOA_U
ClientSampleId :

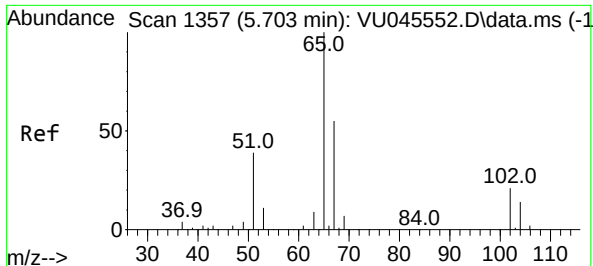
Tgt Ion: 43 Resp: 2064
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#



#31
Cyclohexane
Concen: 1.023 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.016 min
Lab File: VU045765.D
Acq: 12 Nov 2021 13:38

Tgt Ion: 56 Resp: 2687
Ion Ratio Lower Upper
56 100
69 187.1 26.4 39.6#
84 136.5 68.4 102.6#





#33

1,2-Dichloroethane-d4

Concen: 54.685 ug/l

RT: 5.707 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU045765.D

Acq: 12 Nov 2021 13:38

Instrument :

MSVOA_U

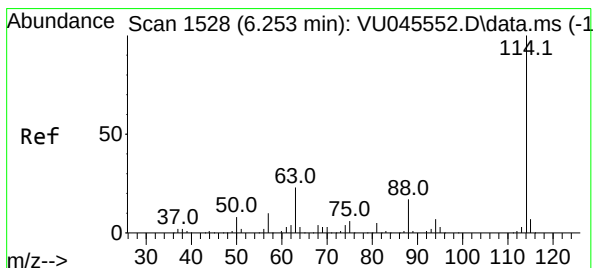
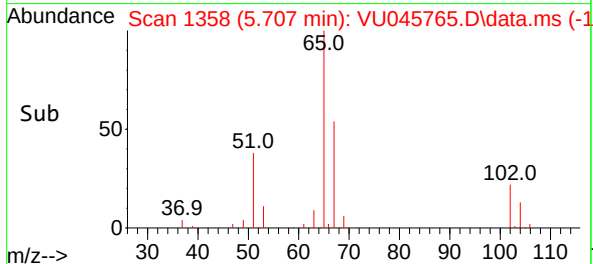
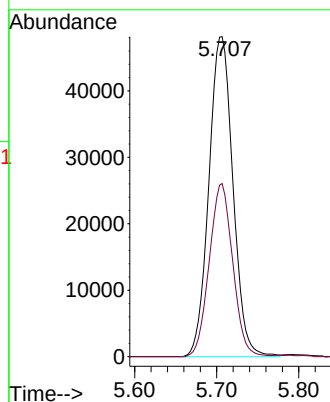
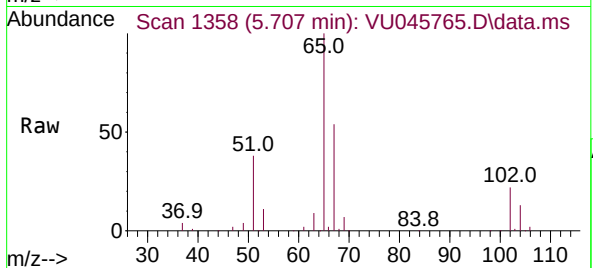
ClientSampleId :

Tgt Ion: 65 Resp: 98400

Ion Ratio Lower Upper

65 100

67 52.7 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: VU045765.D

Acq: 12 Nov 2021 13:38

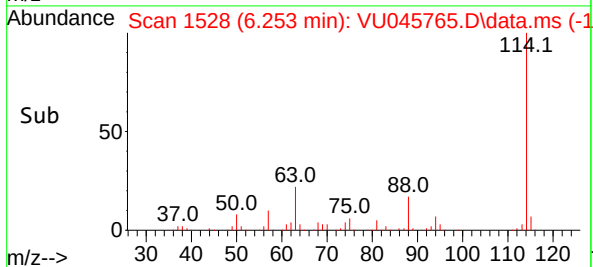
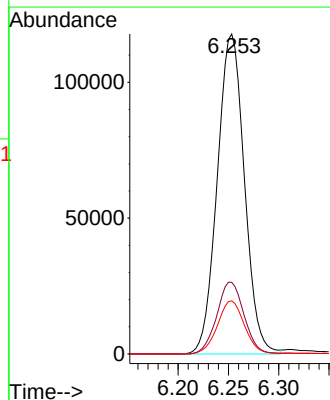
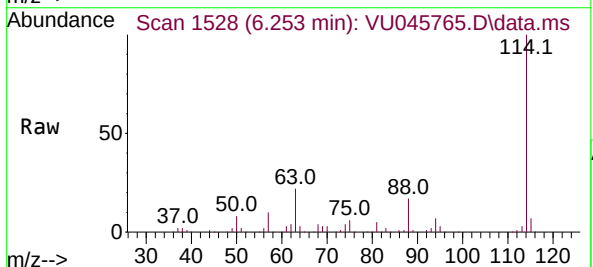
Tgt Ion: 114 Resp: 221051

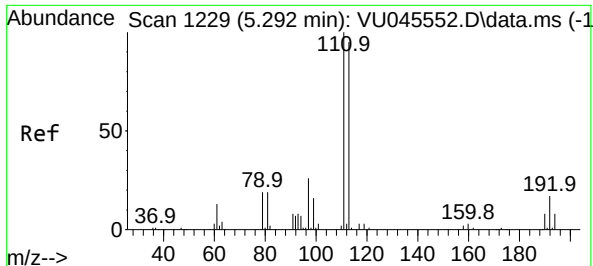
Ion Ratio Lower Upper

114 100

63 22.4 0.0 45.6

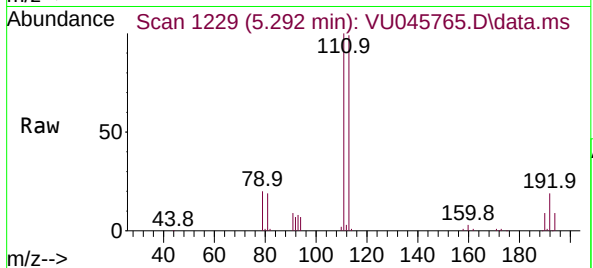
88 16.6 0.0 33.8



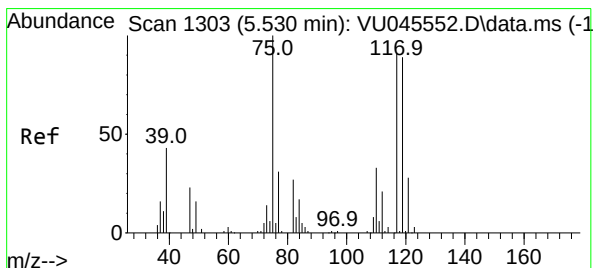
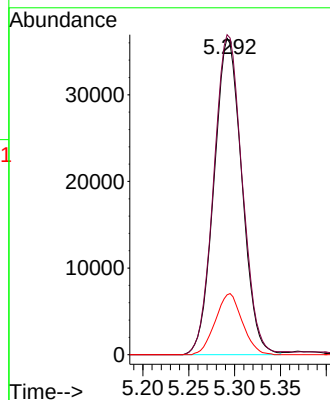
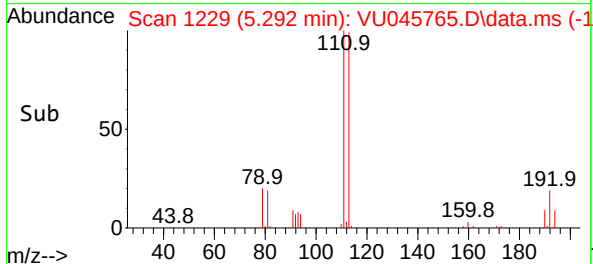


#35
Dibromofluoromethane
Concen: 52.255 ug/l
RT: 5.292 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045765.D
Acq: 12 Nov 2021 13:38

Instrument :
MSVOA_U
ClientSampleId :

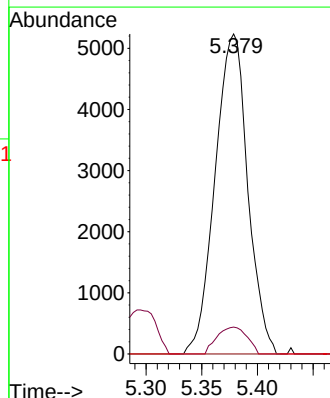
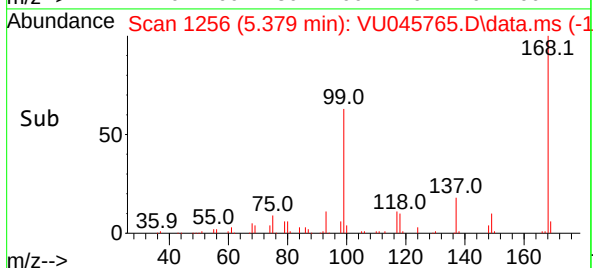
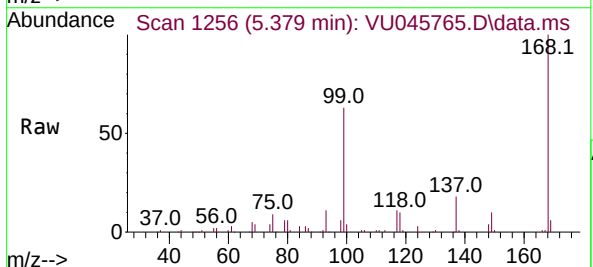


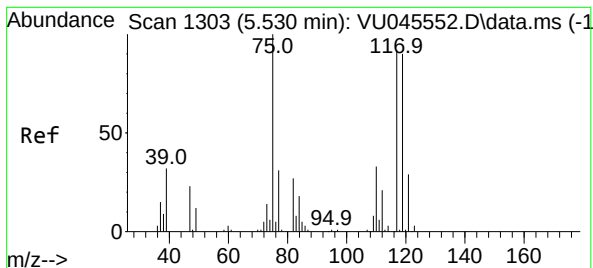
Tgt Ion:113 Resp: 77120
Ion Ratio Lower Upper
113 100
111 103.4 82.8 124.2
192 18.7 14.8 22.2



#36
1,1-Dichloropropene
Concen: 4.955 ug/l
RT: 5.379 min Scan# 1256
Delta R.T. -0.151 min
Lab File: VU045765.D
Acq: 12 Nov 2021 13:38

Tgt Ion: 75 Resp: 10681
Ion Ratio Lower Upper
75 100
110 7.7 16.7 50.0#
77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 5.736 ug/l

RT: 5.379 min Scan# 117

Delta R.T. -0.151 min

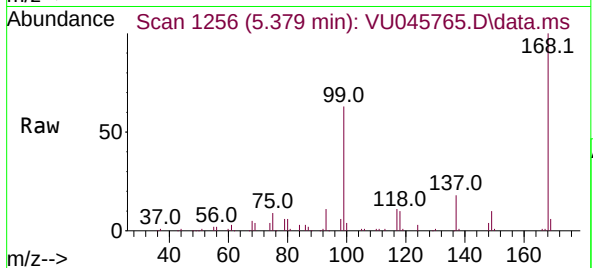
Lab File: VU045765.D

Acq: 12 Nov 2021 13:38

Instrument :

MSVOA_U

ClientSampleId :



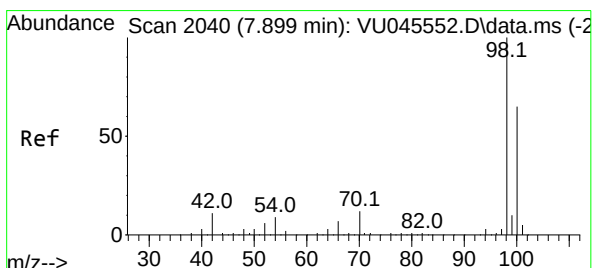
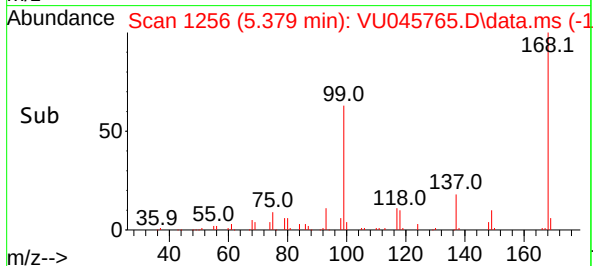
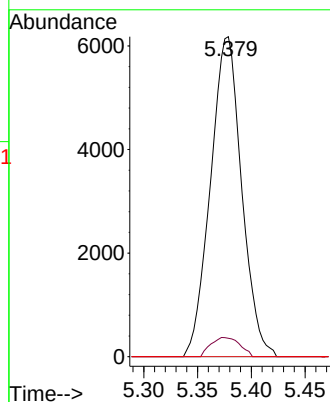
Tgt Ion:117 Resp: 12465

Ion Ratio Lower Upper

117 100

119 5.8 77.4 116.0#

121 0.0 24.8 37.2#



#50

Toluene-d8

Concen: 53.616 ug/l

RT: 7.899 min Scan# 2040

Delta R.T. 0.000 min

Lab File: VU045765.D

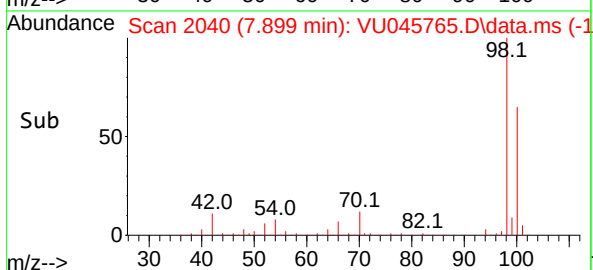
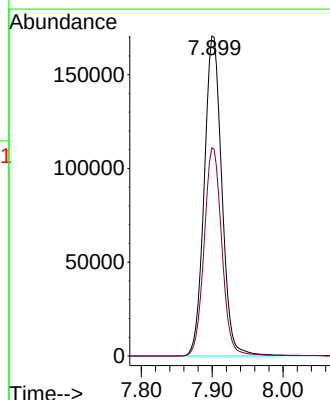
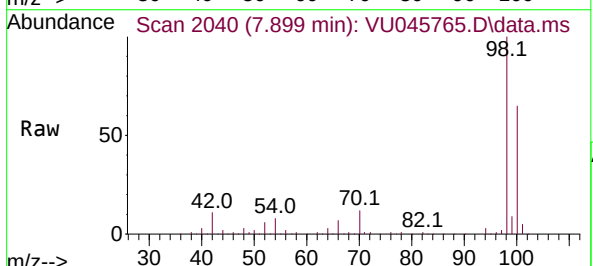
Acq: 12 Nov 2021 13:38

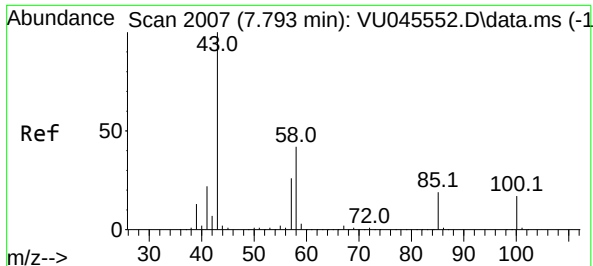
Tgt Ion: 98 Resp: 294239

Ion Ratio Lower Upper

98 100

100 65.4 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 0.432 ug/l

RT: 7.906 min Scan# 2042

Delta R.T. 0.113 min

Lab File: VU045765.D

Acq: 12 Nov 2021 13:38

Instrument :

MSVOA_U

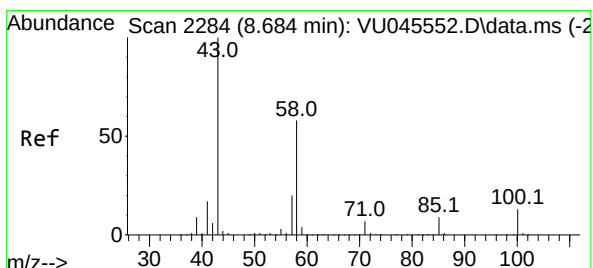
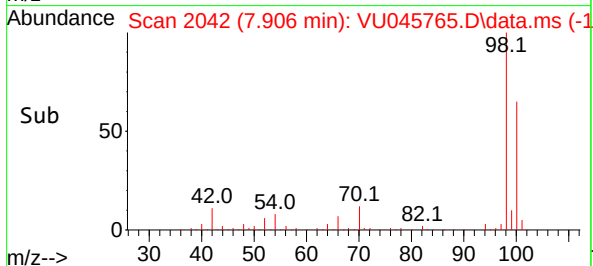
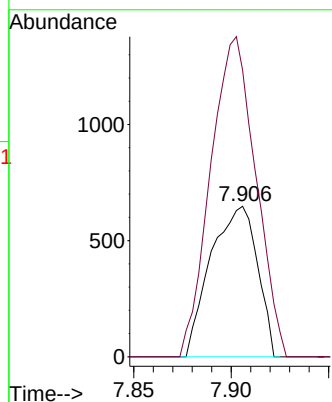
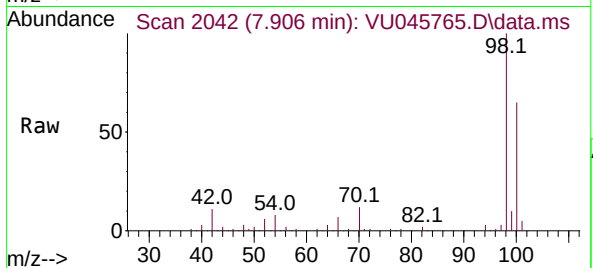
ClientSampleId :

Tgt Ion: 43 Resp: 1080

Ion Ratio Lower Upper

43 100

58 205.5 33.8 50.8#



#59

2-Hexanone

Concen: 7.601 ug/l

RT: 8.681 min Scan# 2283

Delta R.T. -0.003 min

Lab File: VU045765.D

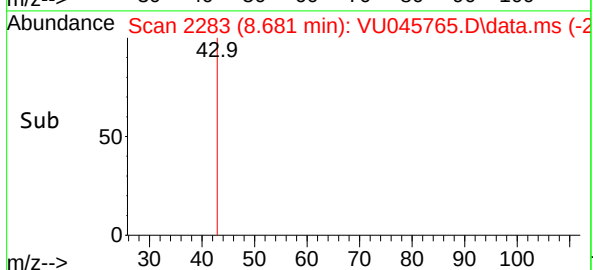
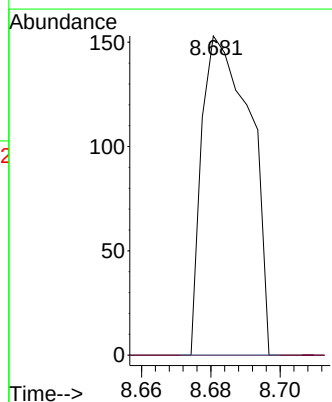
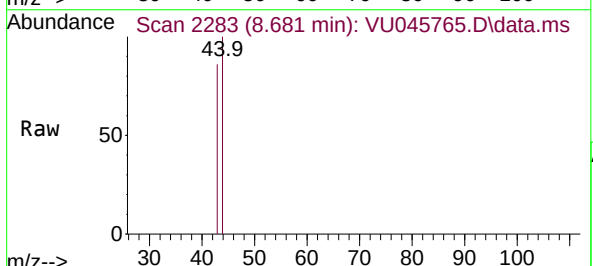
Acq: 12 Nov 2021 13:38

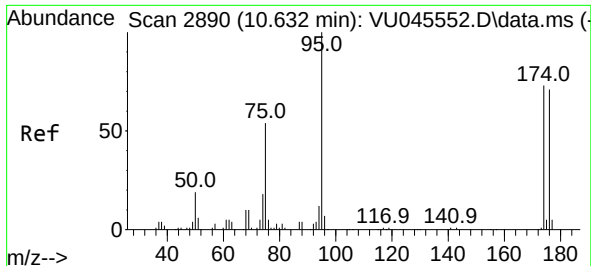
Tgt Ion: 43 Resp: 148

Ion Ratio Lower Upper

43 100

58 0.0 29.5 88.6#

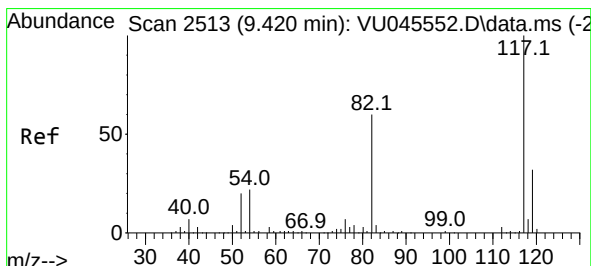
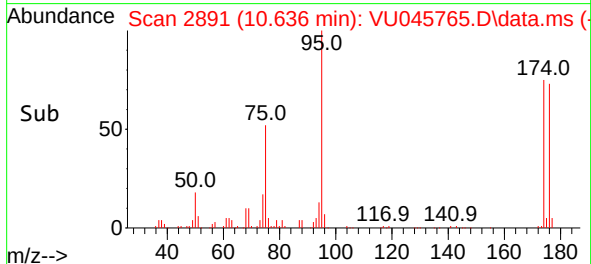
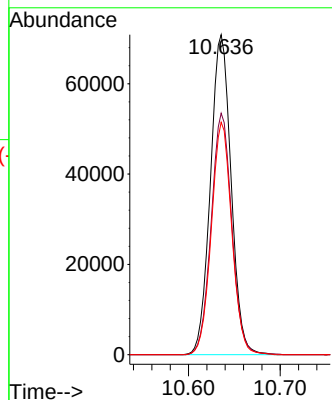
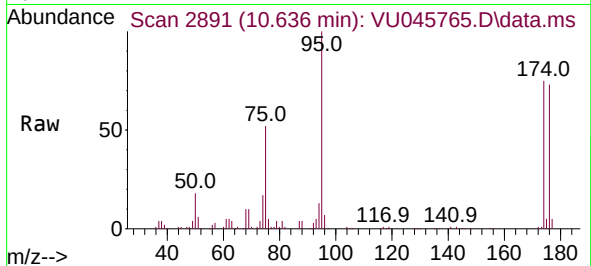




#62
4-Bromofluorobenzene
Concen: 50.439 ug/l
RT: 10.636 min Scan# 2890
Delta R.T. 0.003 min
Lab File: VU045765.D
Acq: 12 Nov 2021 13:38

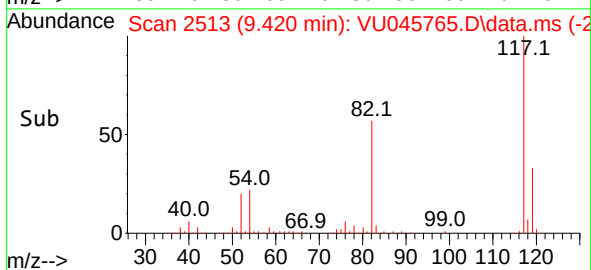
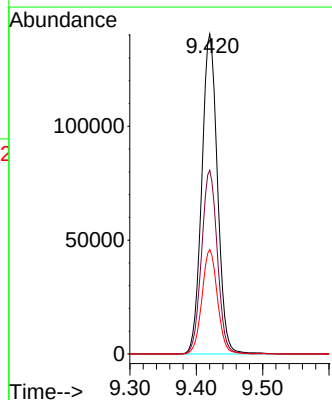
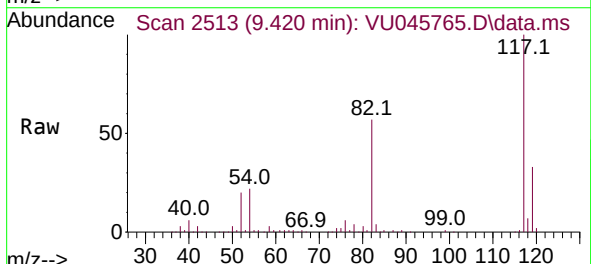
Instrument :
MSVOA_U
ClientSampleId :

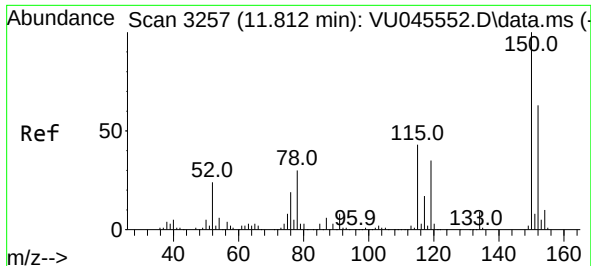
Tgt Ion: 95 Resp: 110998
Ion Ratio Lower Upper
95 100
174 75.4 0.0 141.8
176 71.7 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045765.D
Acq: 12 Nov 2021 13:38

Tgt Ion: 117 Resp: 231100
Ion Ratio Lower Upper
117 100
82 57.3 47.8 71.8
119 32.6 25.8 38.8

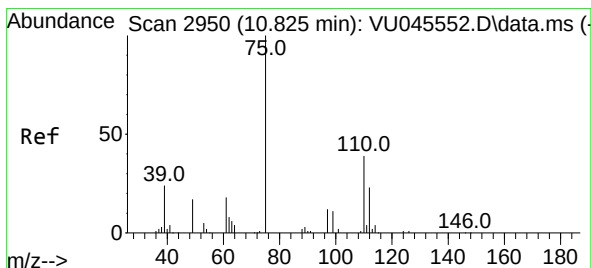
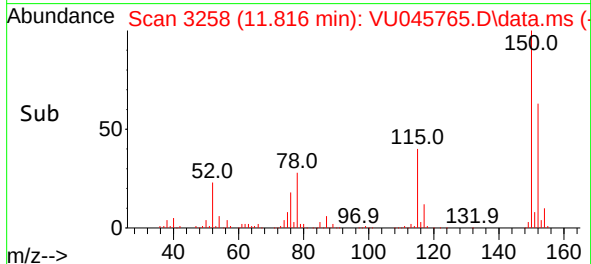
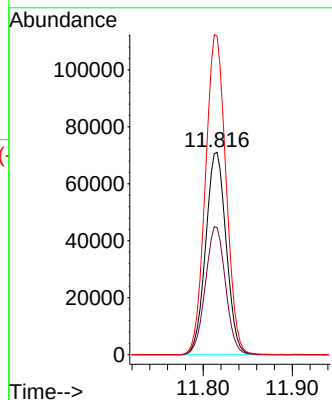
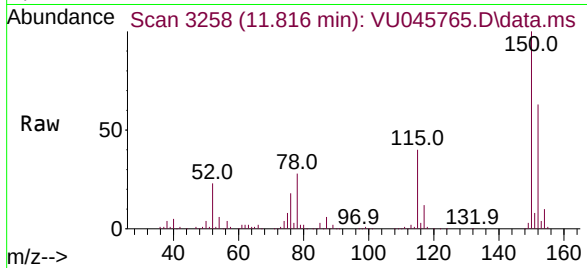




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.816 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU045765.D
 Acq: 12 Nov 2021 13:38

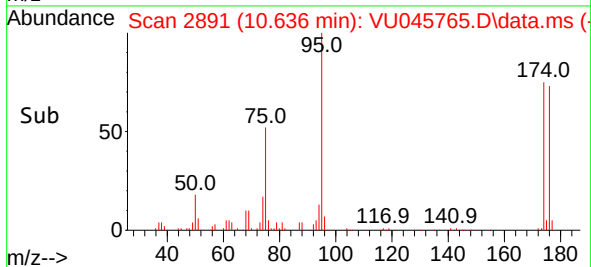
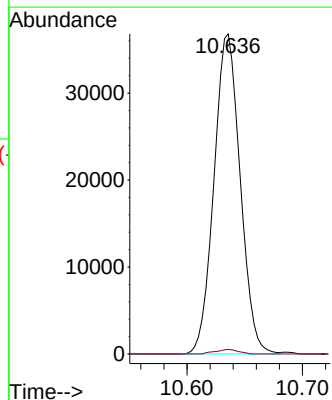
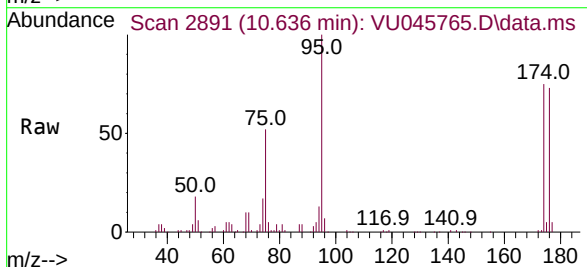
Instrument :
 MSVOA_U
 ClientSampleId :

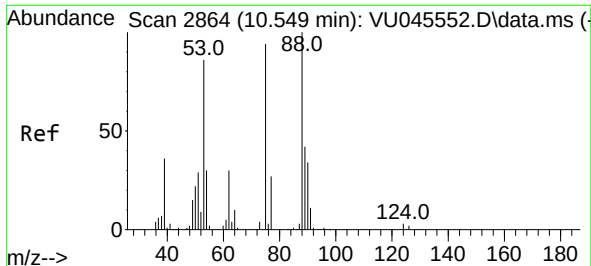
Tgt Ion:152 Resp: 113287
 Ion Ratio Lower Upper
 152 100
 115 62.3 42.7 128.1
 150 158.5 0.0 346.8



#76
 1,2,3-Trichloropropane
 Concen: 16.877 ug/l
 RT: 10.636 min Scan# 2891
 Delta R.T. -0.190 min
 Lab File: VU045765.D
 Acq: 12 Nov 2021 13:38

Tgt Ion: 75 Resp: 57981
 Ion Ratio Lower Upper
 75 100
 77 1.2 17.1 51.3#

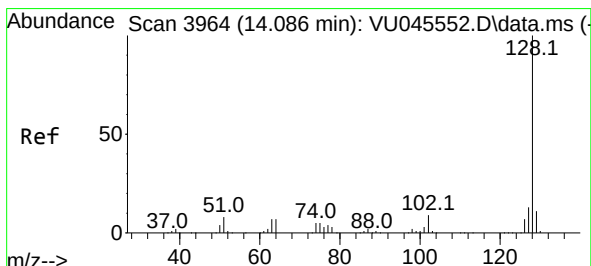
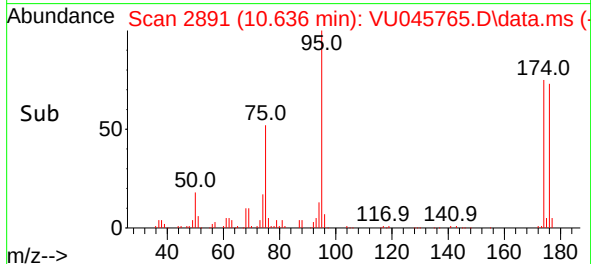
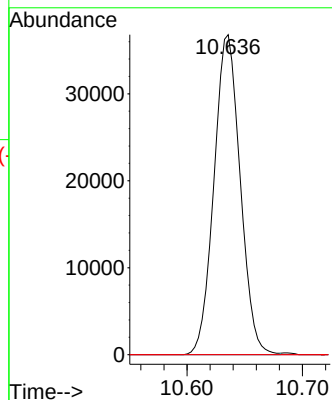
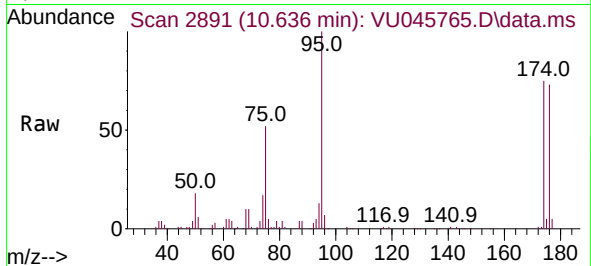




#81
trans-1,4-Dichloro-2-butene
Concen: 54.971 ug/l
RT: 10.636 min Scan# 2864
Delta R.T. 0.087 min
Lab File: VU045765.D
Acq: 12 Nov 2021 13:38

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 57981
Ion Ratio Lower Upper
75 100
53 0.0 76.2 114.4#
89 0.0 34.0 51.0#



#95
Naphthalene
Concen: 1.068 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.009 min
Lab File: VU045765.D
Acq: 12 Nov 2021 13:38

Tgt Ion: 128 Resp: 371
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 0.0 8.6 13.0#

