

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111221\
 Data File : VU045763.D
 Acq On : 12 Nov 2021 12:52
 Operator : SY/MD
 Sample : M4668-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 15 05:18:58 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)

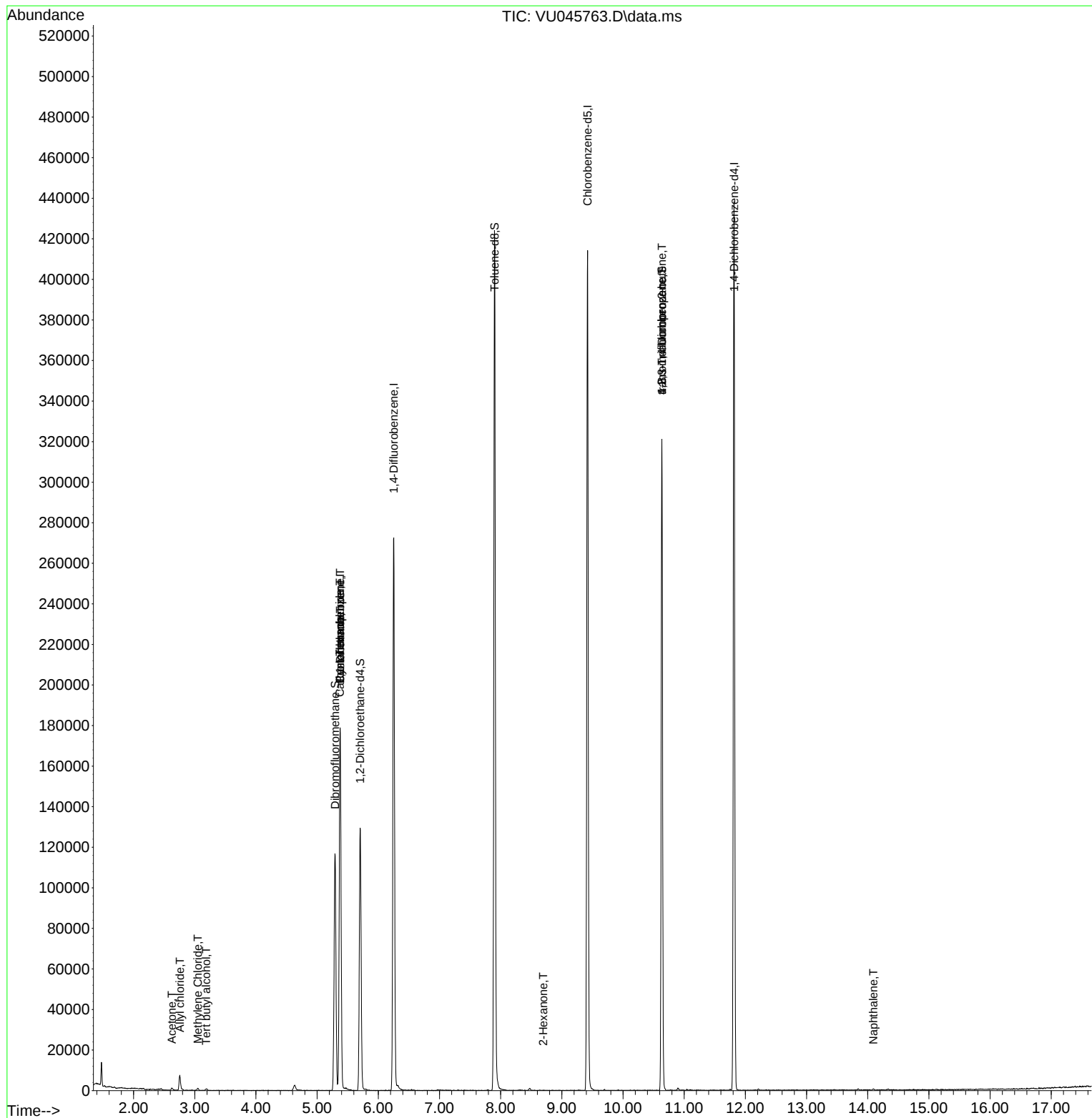
Internal Standards						
1) Pentafluorobenzene	5.375	168	118190	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	216497	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	225453	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	109736	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	96400	54.462	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 108.920%	
35) Dibromofluoromethane	5.292	113	76774	53.115	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.220%	
50) Toluene-d8	7.899	98	284989	53.023	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 106.040%	
62) 4-Bromofluorobenzene	10.636	95	106969	49.631	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 99.260%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.186	59	528	1.507	ug/l #	72
14) Allyl chloride	2.758	41	742	0.320	ug/l #	68
16) Acetone	2.623	43	1420	1.576	ug/l	95
20) Methylene Chloride	3.047	84	488	0.312	ug/l #	79
31) Cyclohexane	5.375	56	2662	1.031	ug/l #	1
36) 1,1-Dichloropropene	5.375	75	10569	5.007	ug/l #	49
38) Carbon Tetrachloride	5.372	117	12696	5.965	ug/l #	16
59) 2-Hexanone	8.697	43	41	7.554	ug/l #	21
76) 1,2,3-Trichloropropane	10.636	75	55717	16.743	ug/l #	42
81) trans-1,4-Dichloro-2-b...	10.636	75	55717	54.558	ug/l #	12
95) Naphthalene	14.092	128	706	1.107	ug/l #	69

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

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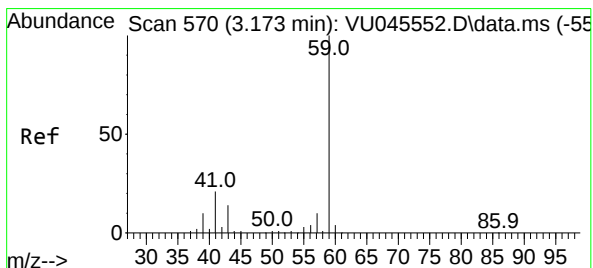
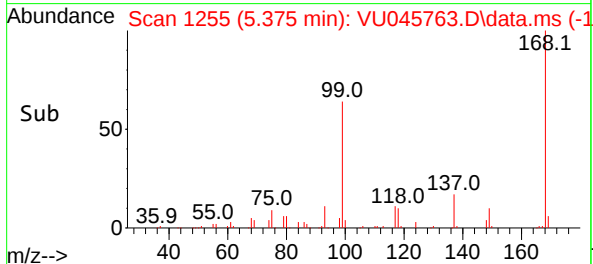
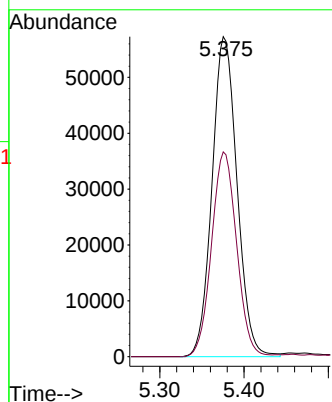
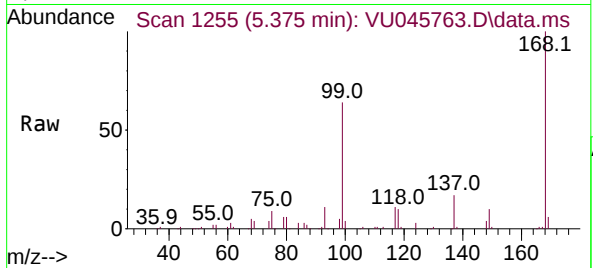




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045763.D
Acq: 12 Nov 2021 12:52

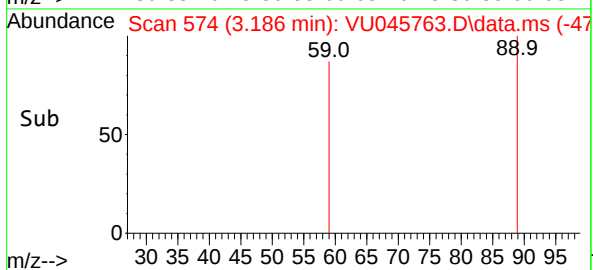
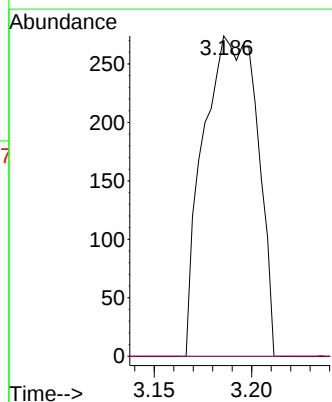
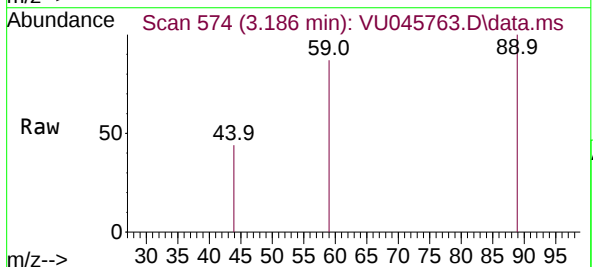
Instrument :
MSVOA_U
ClientSampleId :

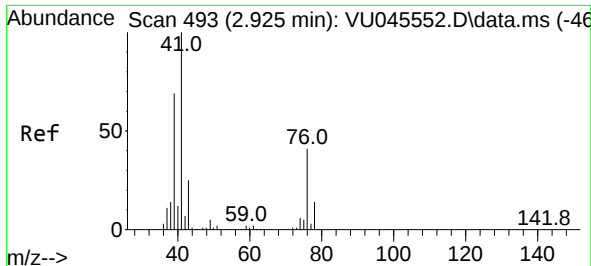
Tgt Ion:168 Resp: 118190
Ion Ratio Lower Upper
168 100
99 64.0 51.0 76.6



#11
Tert butyl alcohol
Concen: 1.507 ug/l
RT: 3.186 min Scan# 574
Delta R.T. 0.013 min
Lab File: VU045763.D
Acq: 12 Nov 2021 12:52

Tgt Ion: 59 Resp: 528
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#14

Allyl chloride

Concen: 0.320 ug/l

RT: 2.758 min Scan# 441

Delta R.T. -0.167 min

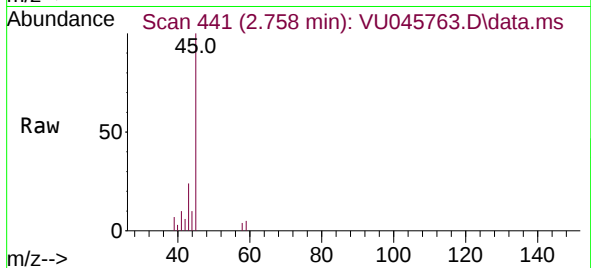
Lab File: VU045763.D

Acq: 12 Nov 2021 12:52

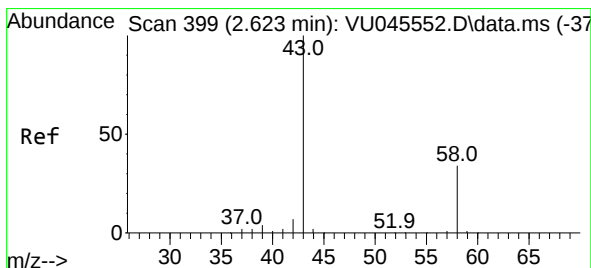
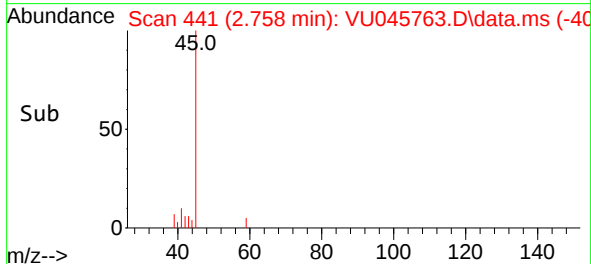
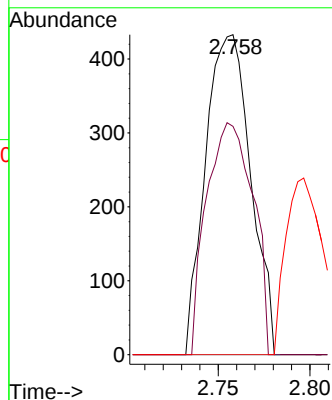
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	41	Resp:	742
Ion	Ratio	Lower	Upper
41	100		
39	74.5	49.7	74.5#
76	0.0	27.7	41.5#



#16

Acetone

Concen: 1.576 ug/l

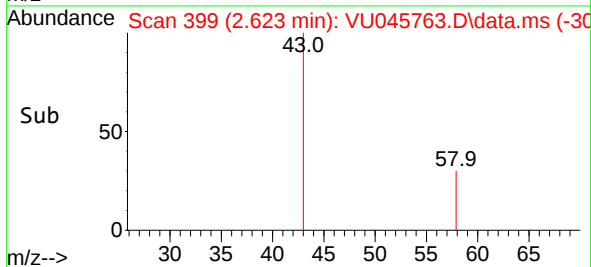
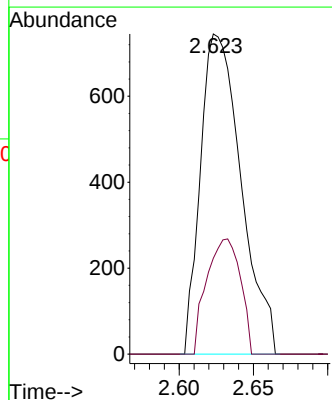
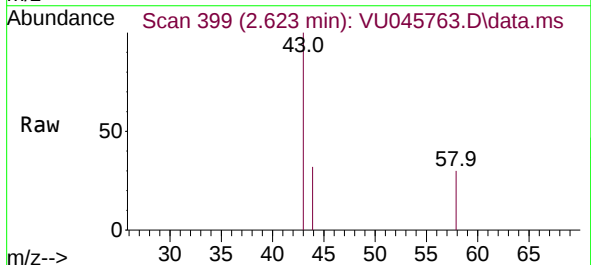
RT: 2.623 min Scan# 399

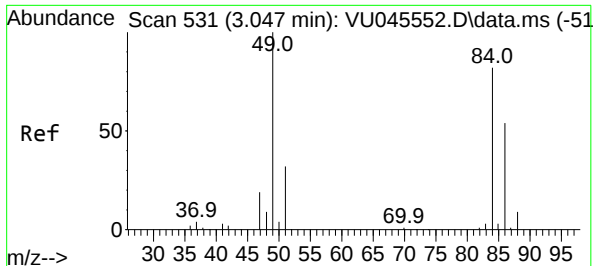
Delta R.T. 0.000 min

Lab File: VU045763.D

Acq: 12 Nov 2021 12:52

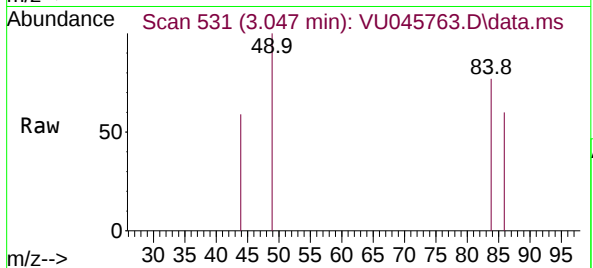
Tgt Ion:	43	Resp:	1420
Ion	Ratio	Lower	Upper
43	100		
58	29.9	26.2	39.2



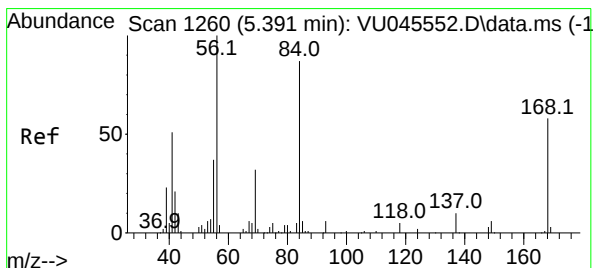
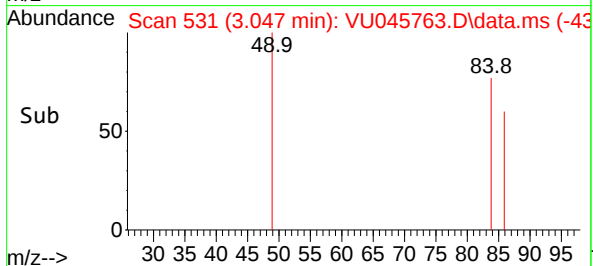
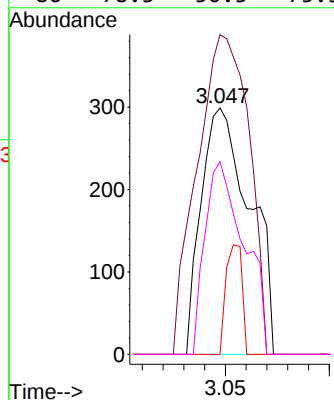


#20
Methylene Chloride
Concen: 0.312 ug/l
RT: 3.047 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU045763.D
Acq: 12 Nov 2021 12:52

Instrument :
MSVOA_U
ClientSampleId :

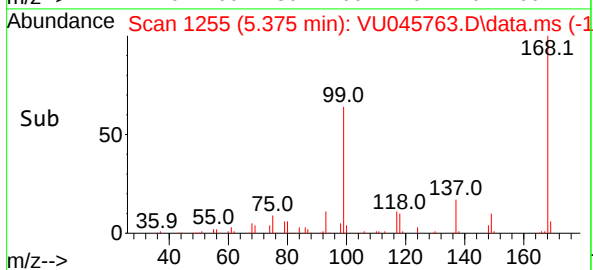
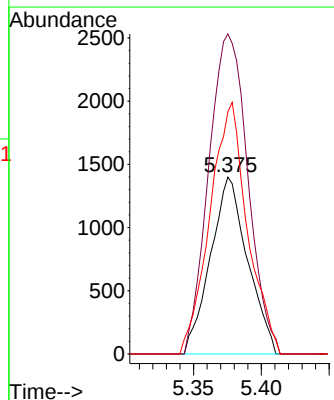
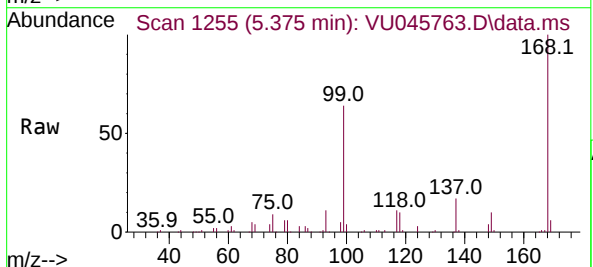


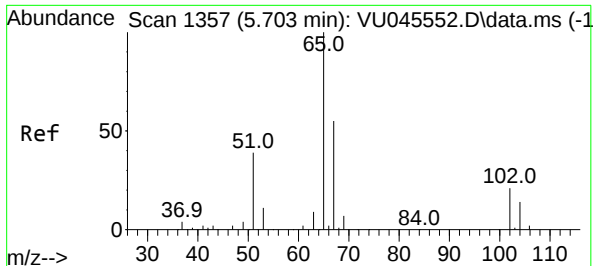
Tgt Ion:	84	Resp:	488
Ion	Ratio	Lower	Upper
84	100		
49	129.8	96.4	144.6
51	0.0	30.5	45.7#
86	78.3	50.3	75.5#



#31
Cyclohexane
Concen: 1.031 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.016 min
Lab File: VU045763.D
Acq: 12 Nov 2021 12:52

Tgt Ion:	56	Resp:	2662
Ion	Ratio	Lower	Upper
56	100		
69	181.0	26.4	39.6#
84	137.0	68.4	102.6#





#33

1,2-Dichloroethane-d4

Concen: 54.462 ug/l

RT: 5.703 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU045763.D

Acq: 12 Nov 2021 12:52

Instrument :

MSVOA_U

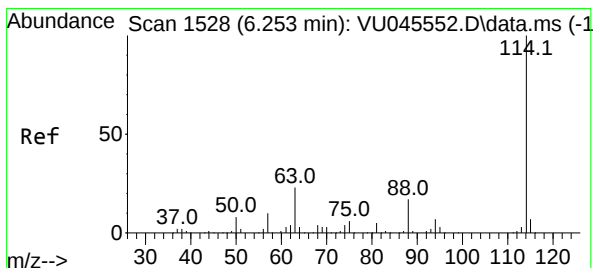
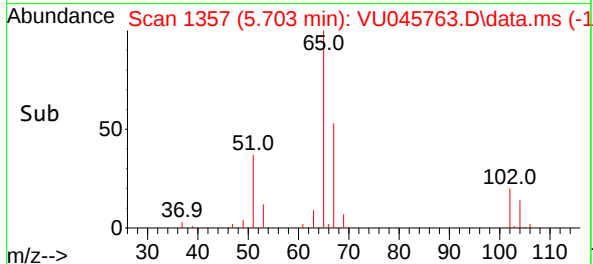
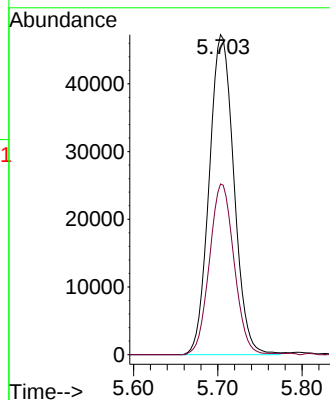
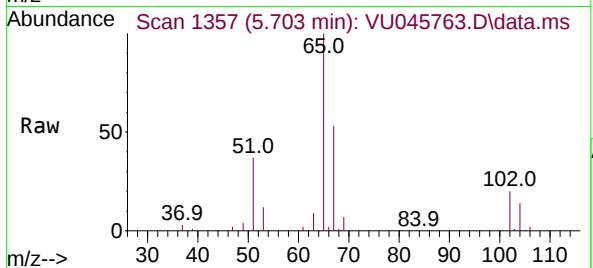
ClientSampleId :

Tgt Ion: 65 Resp: 96400

Ion Ratio Lower Upper

65 100

67 53.1 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: VU045763.D

Acq: 12 Nov 2021 12:52

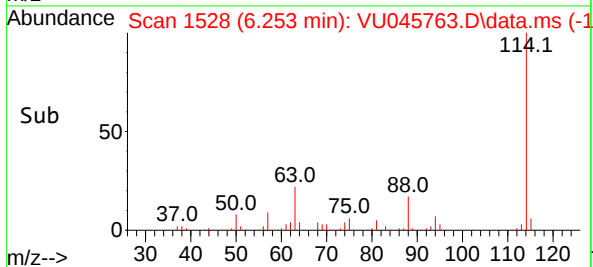
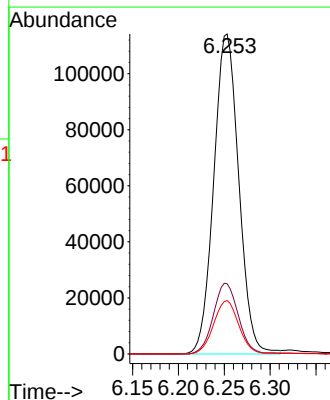
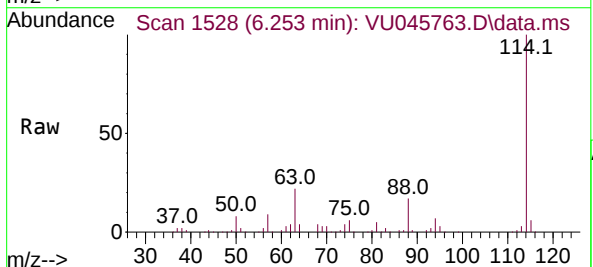
Tgt Ion:114 Resp: 216497

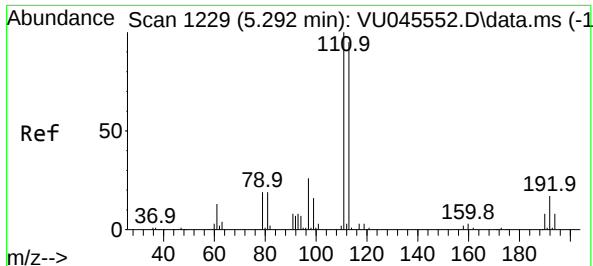
Ion Ratio Lower Upper

114 100

63 21.9 0.0 45.6

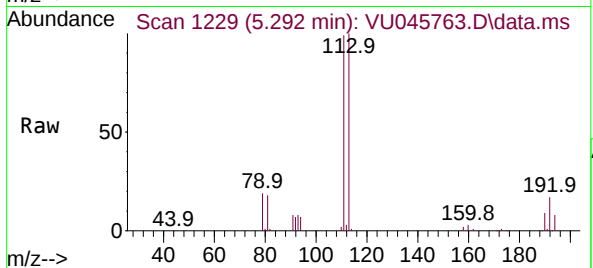
88 16.7 0.0 33.8



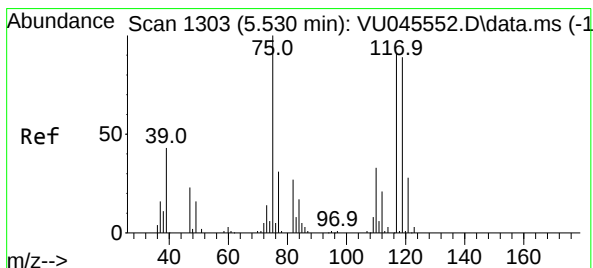
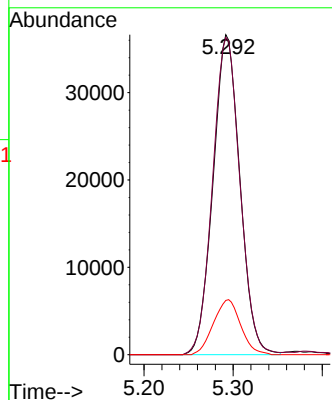
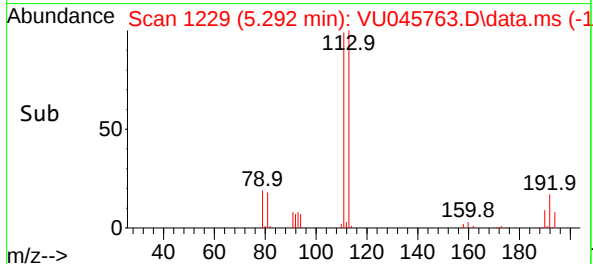


#35
Dibromofluoromethane
Concen: 53.115 ug/l
RT: 5.292 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045763.D
Acq: 12 Nov 2021 12:52

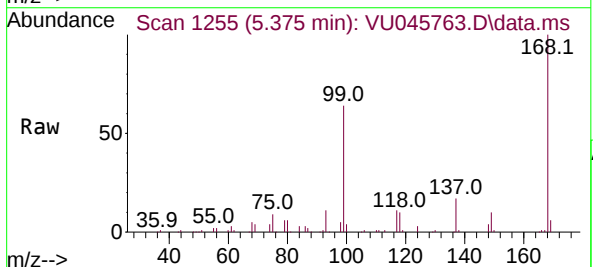
Instrument :
MSVOA_U
ClientSampleId :



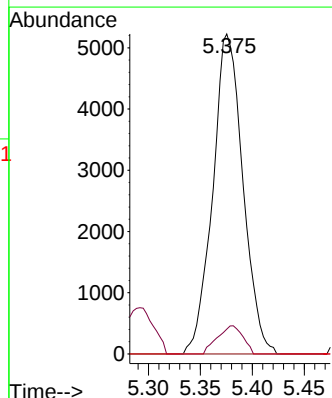
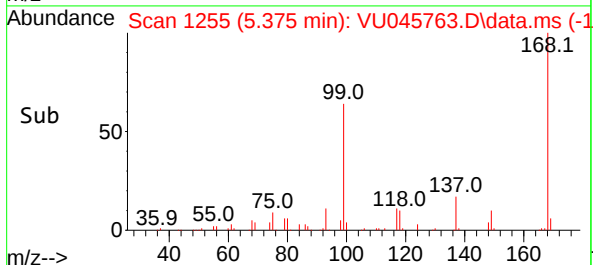
Tgt Ion:113 Resp: 76774
Ion Ratio Lower Upper
113 100
111 100.8 82.8 124.2
192 17.5 14.8 22.2

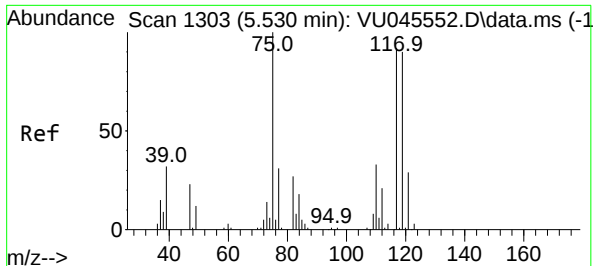


#36
1,1-Dichloropropene
Concen: 5.007 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.154 min
Lab File: VU045763.D
Acq: 12 Nov 2021 12:52



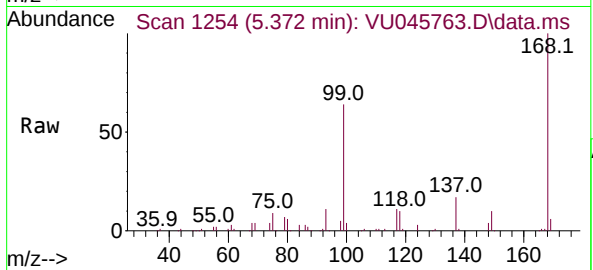
Tgt Ion: 75 Resp: 10569
Ion Ratio Lower Upper
75 100
110 7.4 16.7 50.0#
77 0.0 25.0 37.4#



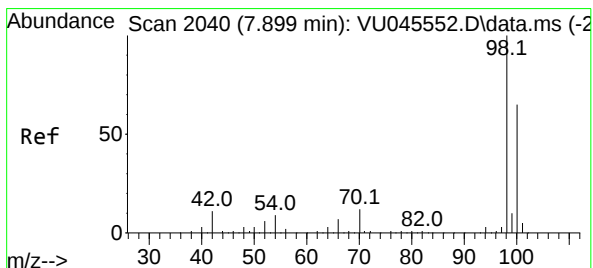
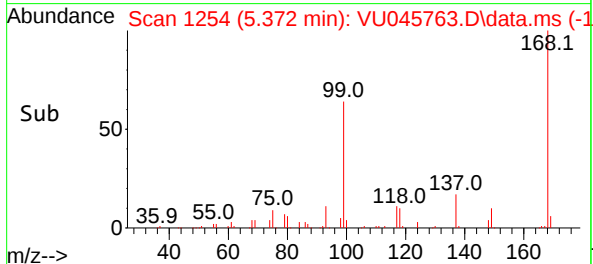
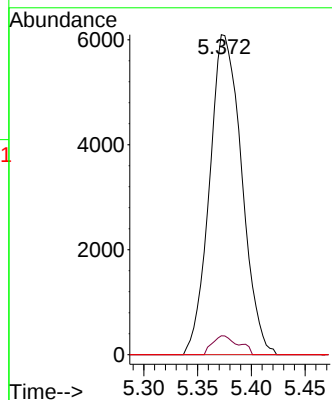


#38
Carbon Tetrachloride
Concen: 5.965 ug/l
RT: 5.372 min Scan# 117
Delta R.T. -0.158 min
Lab File: VU045763.D
Acq: 12 Nov 2021 12:52

Instrument :
MSVOA_U
ClientSampleId :

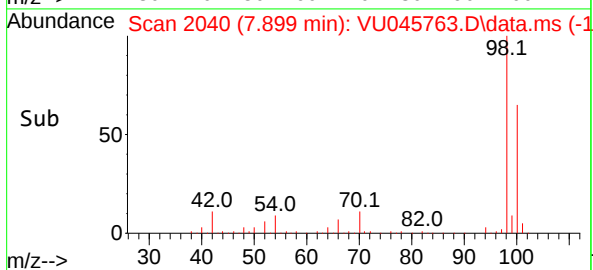
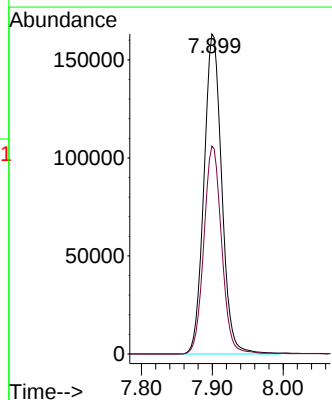
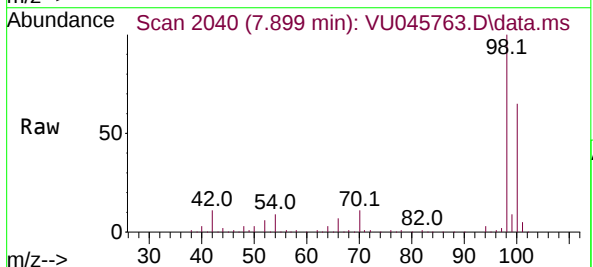


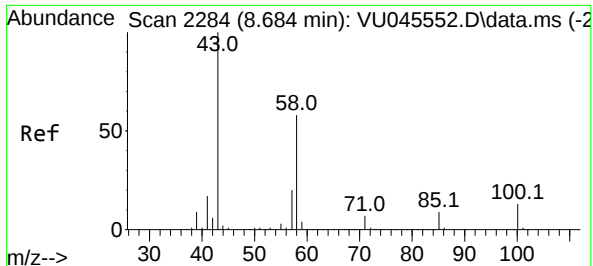
Tgt Ion:117 Resp: 12696
Ion Ratio Lower Upper
117 100
119 5.9 77.4 116.0#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 53.023 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VU045763.D
Acq: 12 Nov 2021 12:52

Tgt Ion: 98 Resp: 284989
Ion Ratio Lower Upper
98 100
100 64.9 52.5 78.7





#59

2-Hexanone

Concen: 7.554 ug/l

RT: 8.697 min Scan# 21

Delta R.T. 0.013 min

Lab File: VU045763.D

Acq: 12 Nov 2021 12:52

Instrument :

MSVOA_U

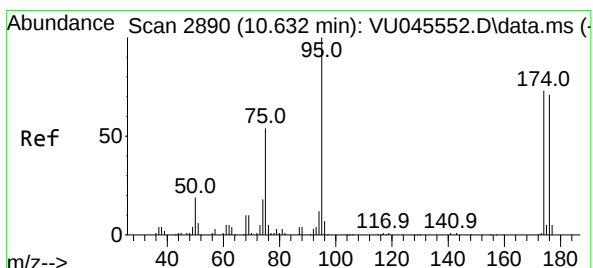
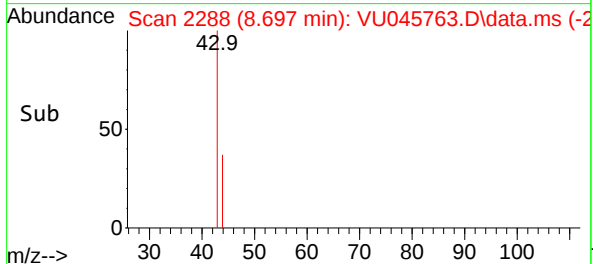
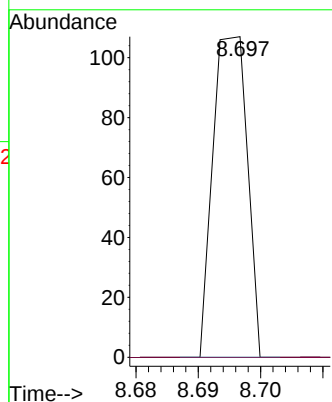
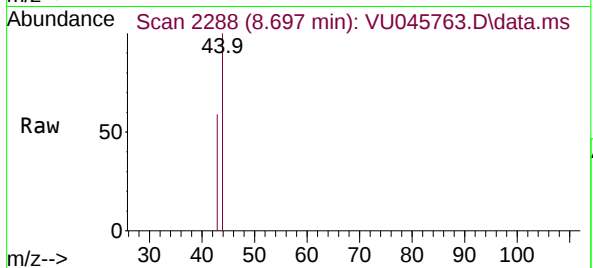
ClientSampleId :

Tgt Ion: 43 Resp: 41

Ion Ratio Lower Upper

43 100

58 0.0 29.5 88.6#



#62

4-Bromofluorobenzene

Concen: 49.631 ug/l

RT: 10.636 min Scan# 2891

Delta R.T. 0.003 min

Lab File: VU045763.D

Acq: 12 Nov 2021 12:52

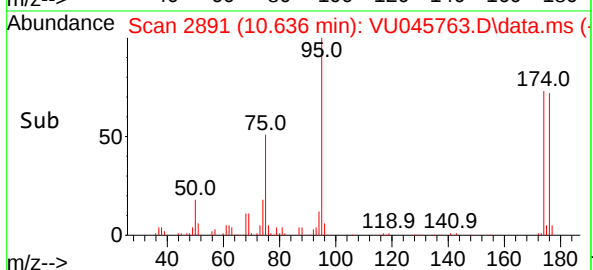
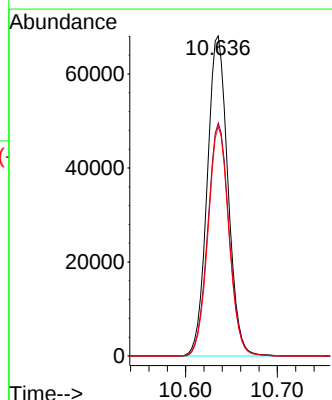
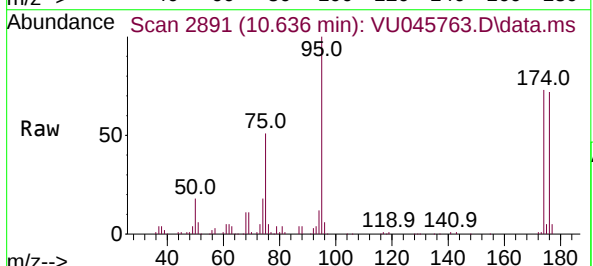
Tgt Ion: 95 Resp: 106969

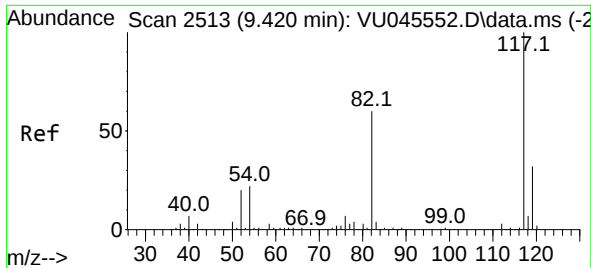
Ion Ratio Lower Upper

95 100

174 74.6 0.0 141.8

176 72.0 0.0 138.2

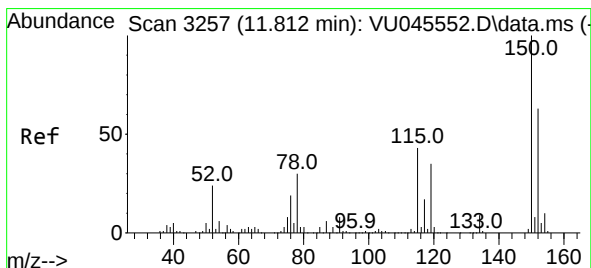
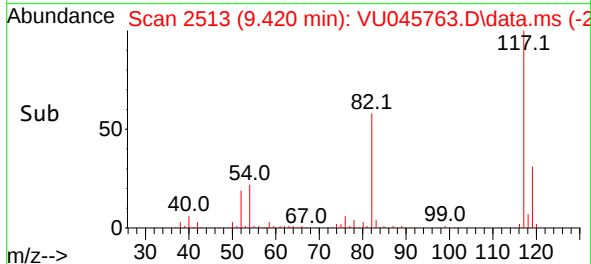
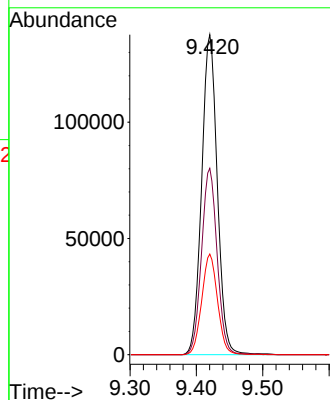
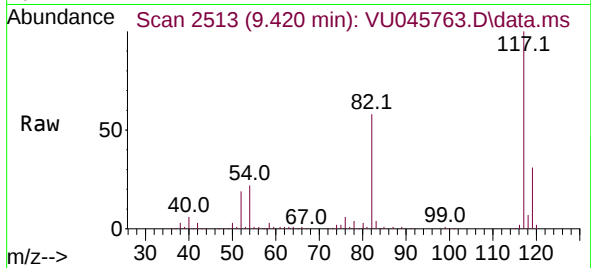




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU045763.D
Acq: 12 Nov 2021 12:52

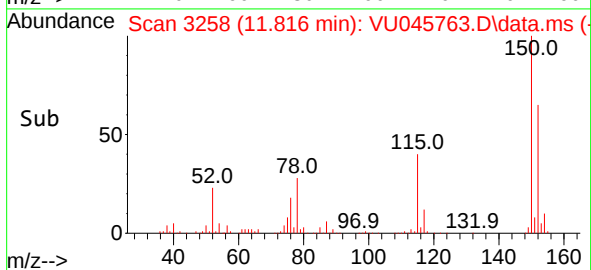
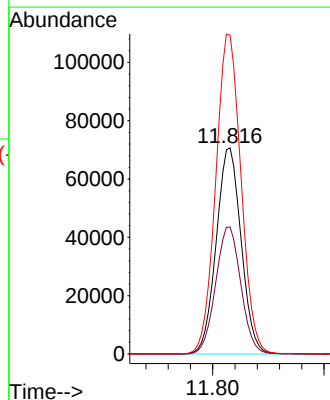
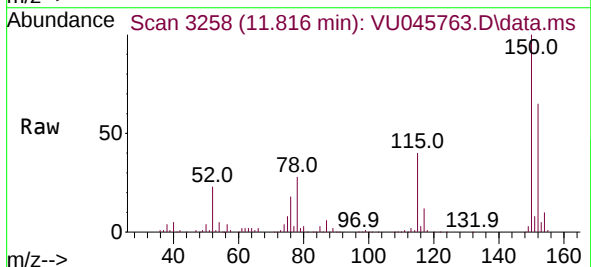
Instrument :
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ClientSampleId :

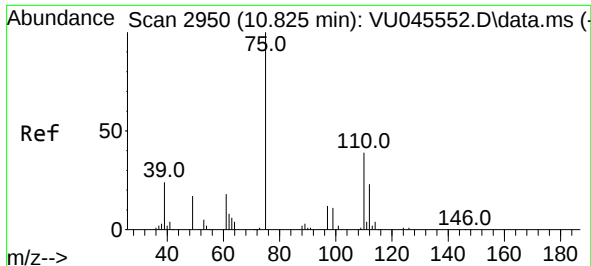
Tgt Ion:117 Resp: 225453
Ion Ratio Lower Upper
117 100
82 58.2 47.8 71.8
119 31.5 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.816 min Scan# 3258
Delta R.T. 0.003 min
Lab File: VU045763.D
Acq: 12 Nov 2021 12:52

Tgt Ion:152 Resp: 109736
Ion Ratio Lower Upper
152 100
115 62.3 42.7 128.1
150 157.4 0.0 346.8

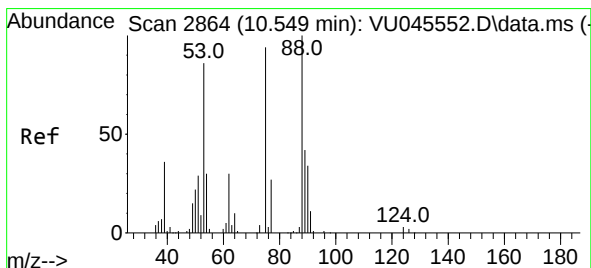
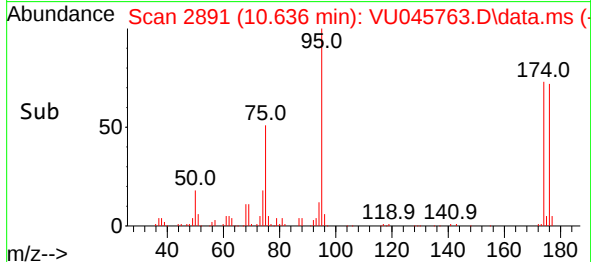
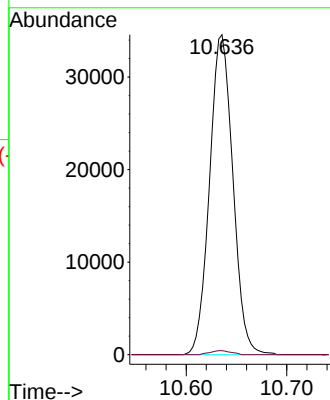
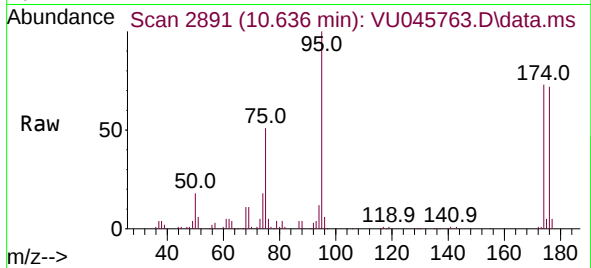




#76
1,2,3-Trichloropropane
Concen: 16.743 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. -0.190 min
Lab File: VU045763.D
Acq: 12 Nov 2021 12:52

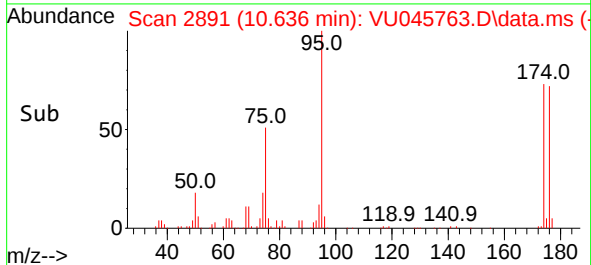
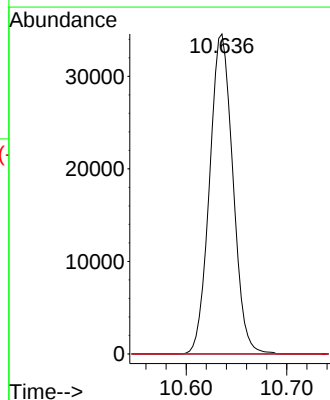
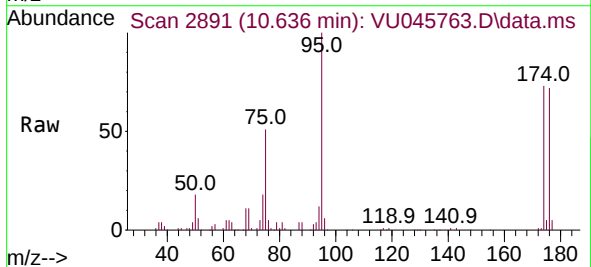
Instrument :
MSVOA_U
ClientSampleId :

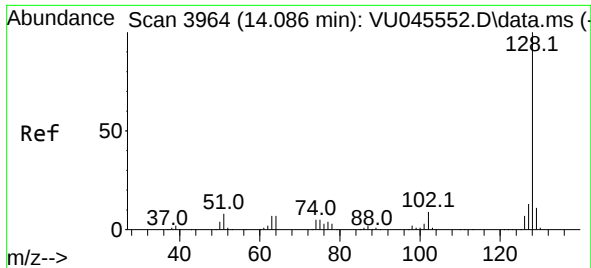
Tgt Ion: 75 Resp: 55717
Ion Ratio Lower Upper
75 100
77 1.1 17.1 51.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 54.558 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.087 min
Lab File: VU045763.D
Acq: 12 Nov 2021 12:52

Tgt Ion: 75 Resp: 55717
Ion Ratio Lower Upper
75 100
53 0.0 76.2 114.4#
89 0.0 34.0 51.0#





#95

Naphthalene

Concen: 1.107 ug/l

RT: 14.092 min Scan# 3966

Delta R.T. 0.006 min

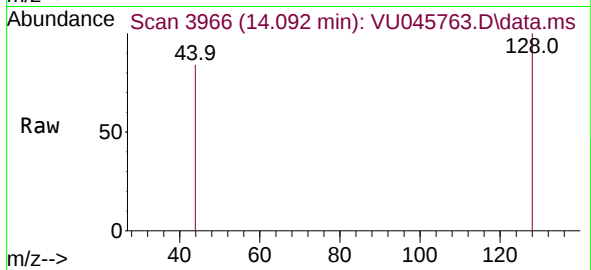
Lab File: VU045763.D

Acq: 12 Nov 2021 12:52

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:128 Resp: 706

Ion Ratio Lower Upper

128 100

127 0.0 10.6 15.8#

129 0.0 8.6 13.0#

