

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111221\
 Data File : VU045764.D
 Acq On : 12 Nov 2021 13:15
 Operator : SY/MD
 Sample : M4668-09
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BP-VPB-RW9-EB-20211111

Quant Time: Nov 15 05:19:14 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	115914	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	212846	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	219882	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	106427	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	93475	53.847	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	107.700%
35) Dibromofluoromethane	5.292	113	74413	52.364	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.720%
50) Toluene-d8	7.899	98	281652	53.301	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	106.600%
62) 4-Bromofluorobenzene	10.636	95	104091	49.124	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.240%

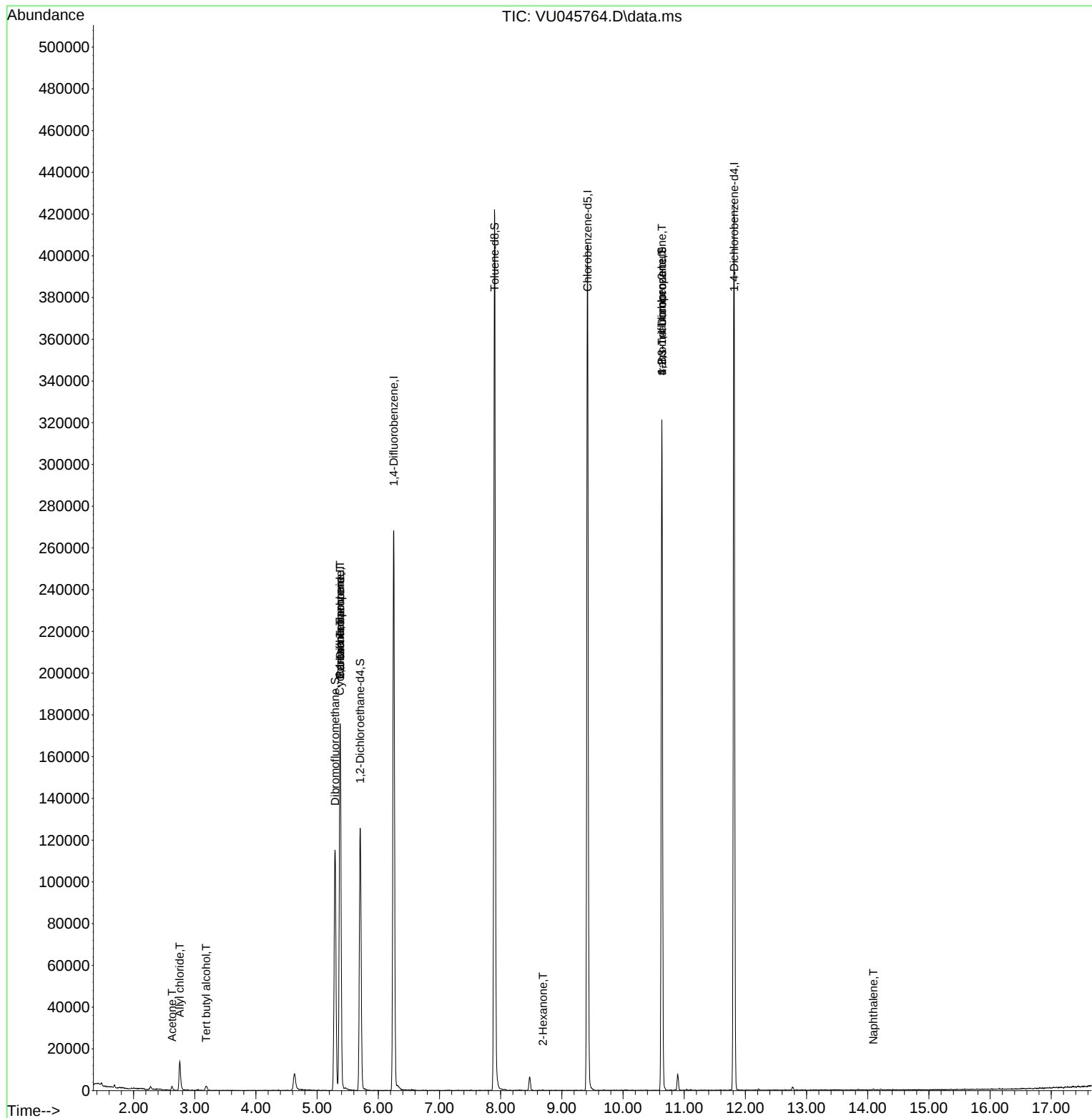
Target Compounds					Qvalue	
11) Tert butyl alcohol	3.186	59	1540	4.482	ug/l #	72
14) Allyl chloride	2.755	41	1273	0.559	ug/l #	52
16) Acetone	2.629	43	2282	2.582	ug/l	95
31) Cyclohexane	5.372	56	2597	1.025	ug/l #	3
36) 1,1-Dichloropropene	5.375	75	10357	4.990	ug/l #	49
38) Carbon Tetrachloride	5.375	117	12256	5.858	ug/l #	16
59) 2-Hexanone	8.690	43	105	7.584	ug/l #	21
76) 1,2,3-Trichloropropane	10.636	75	54988	17.037	ug/l #	42
81) trans-1,4-Dichloro-2-b...	10.636	75	54988	55.466	ug/l #	12
95) Naphthalene	14.092	128	567	1.093	ug/l #	69

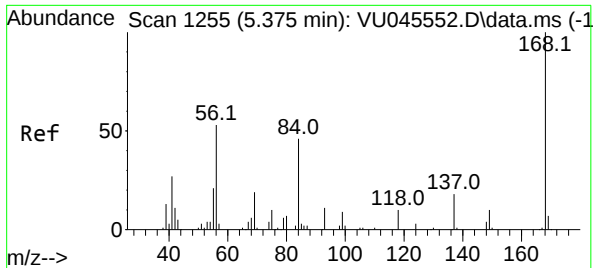
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

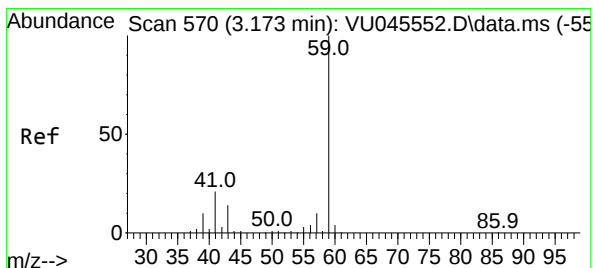
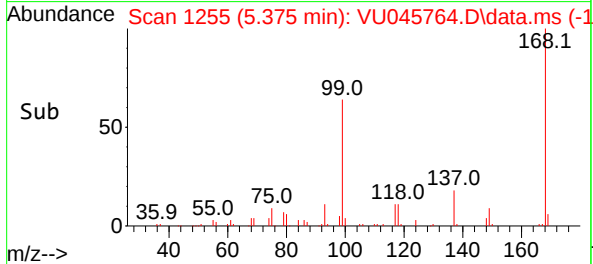
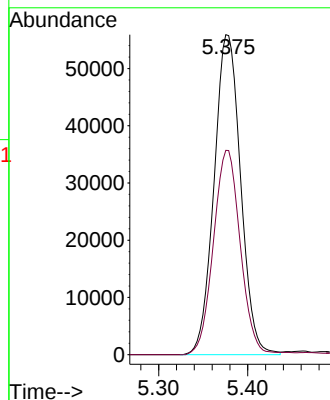
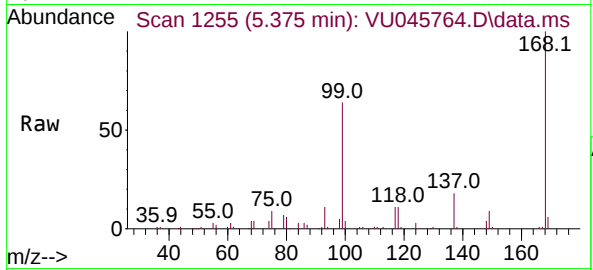




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045764.D
Acq: 12 Nov 2021 13:15

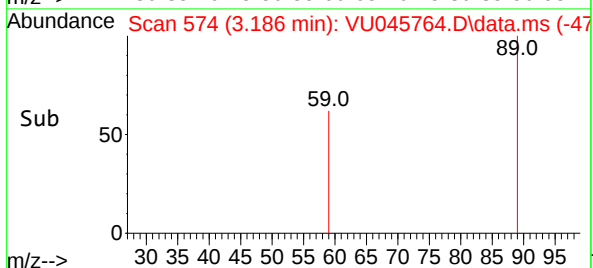
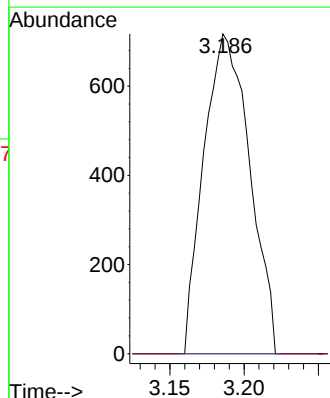
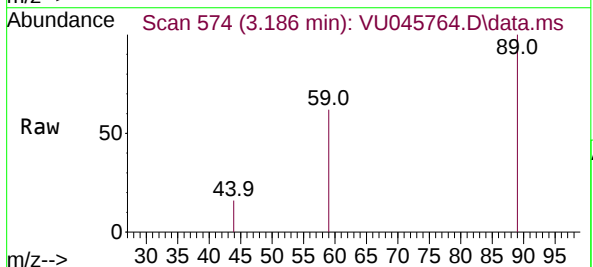
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-EB-20211111

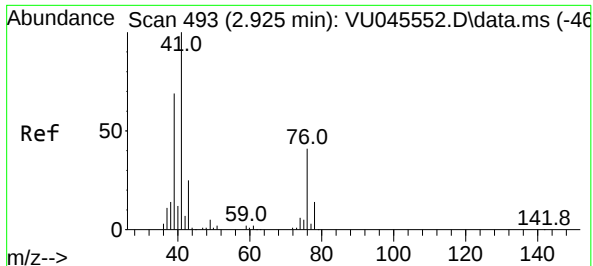
Tgt Ion:168 Resp: 115914
Ion Ratio Lower Upper
168 100
99 63.9 51.0 76.6



#11
Tert butyl alcohol
Concen: 4.482 ug/l
RT: 3.186 min Scan# 574
Delta R.T. 0.013 min
Lab File: VU045764.D
Acq: 12 Nov 2021 13:15

Tgt Ion: 59 Resp: 1540
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#14

Allyl chloride

Concen: 0.559 ug/l

RT: 2.755 min Scan# 41

Delta R.T. -0.170 min

Lab File: VU045764.D

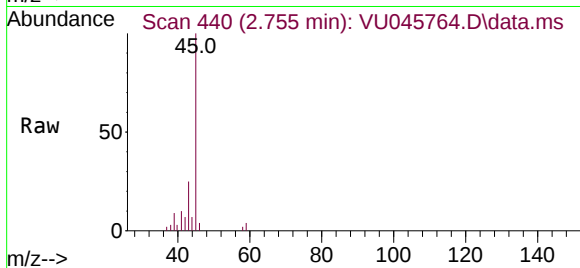
Acq: 12 Nov 2021 13:15

Instrument :

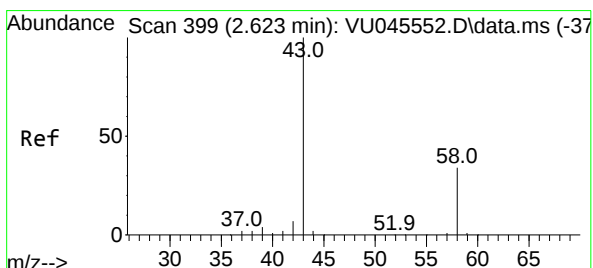
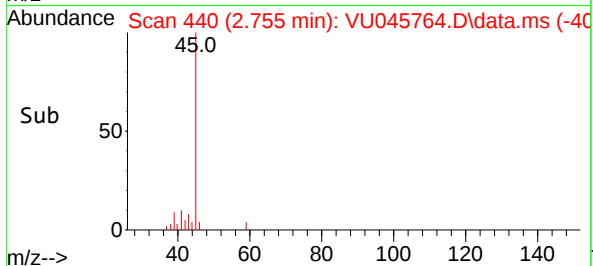
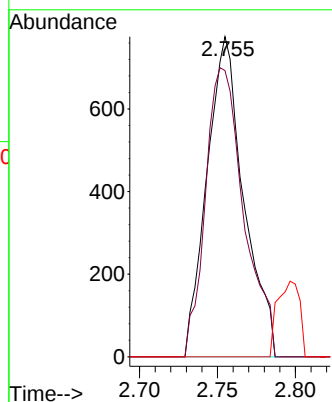
MSVOA_U

ClientSampleId :

BP-VPB-RW9-EB-20211111



Tgt Ion:	41	Resp:	1273
Ion	Ratio	Lower	Upper
41	100		
39	94.3	49.7	74.5#
76	0.0	27.7	41.5#



#16

Acetone

Concen: 2.582 ug/l

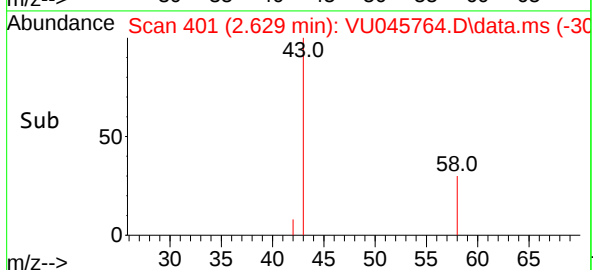
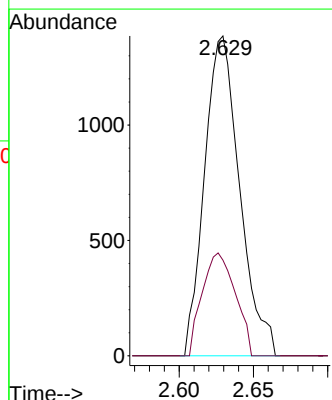
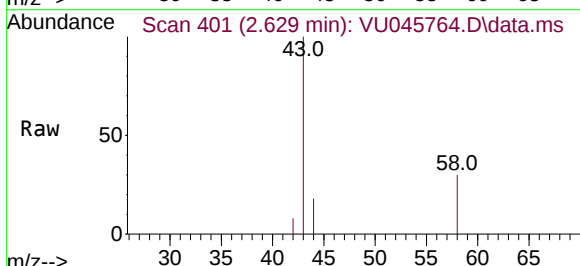
RT: 2.629 min Scan# 401

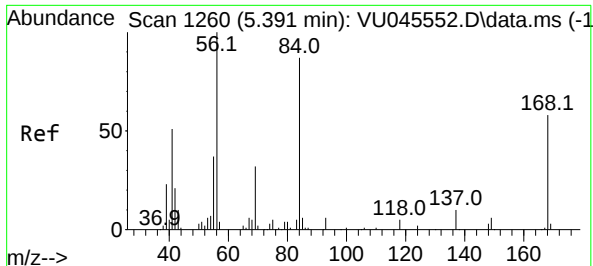
Delta R.T. 0.006 min

Lab File: VU045764.D

Acq: 12 Nov 2021 13:15

Tgt Ion:	43	Resp:	2282
Ion	Ratio	Lower	Upper
43	100		
58	29.9	26.2	39.2

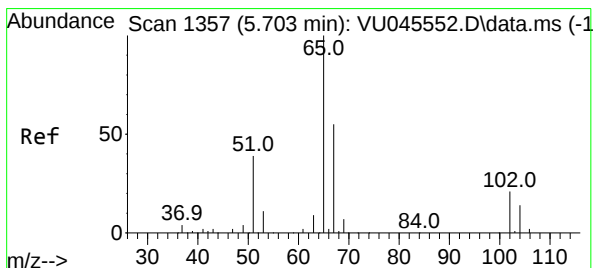
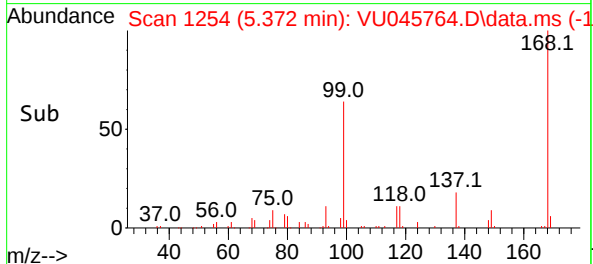
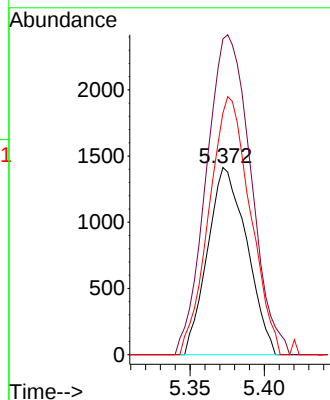
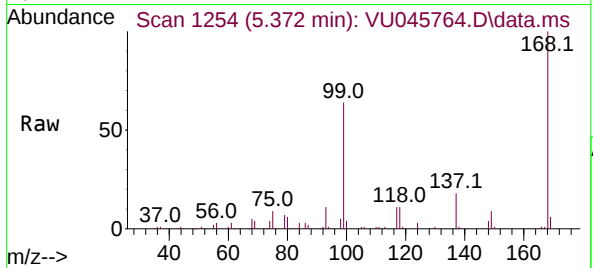




#31
Cyclohexane
Concen: 1.025 ug/l
RT: 5.372 min Scan# 11
Delta R.T. -0.019 min
Lab File: VU045764.D
Acq: 12 Nov 2021 13:15

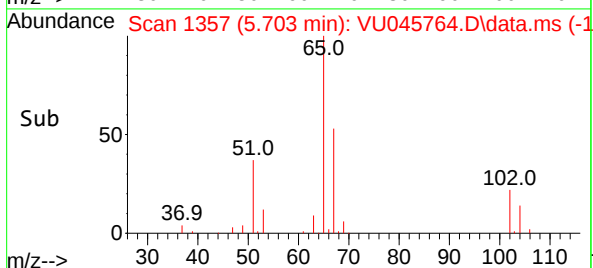
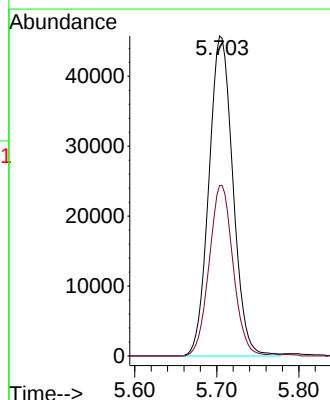
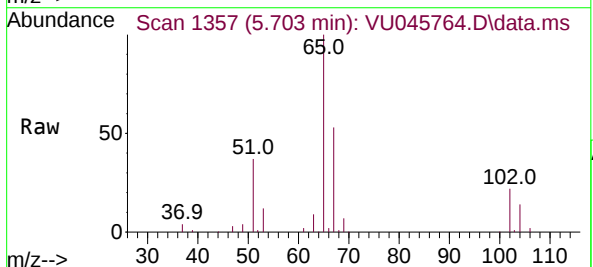
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-EB-20211111

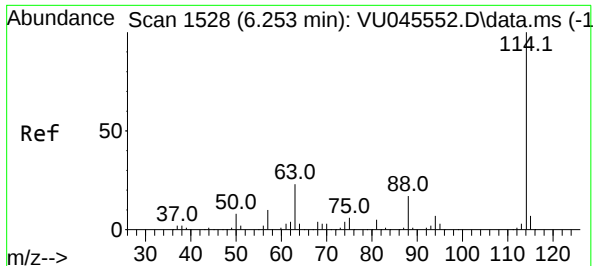
Tgt Ion: 56 Resp: 2597
Ion Ratio Lower Upper
56 100
69 159.9 26.4 39.6#
84 129.1 68.4 102.6#



#33
1,2-Dichloroethane-d4
Concen: 53.847 ug/l
RT: 5.703 min Scan# 1357
Delta R.T. 0.000 min
Lab File: VU045764.D
Acq: 12 Nov 2021 13:15

Tgt Ion: 65 Resp: 93475
Ion Ratio Lower Upper
65 100
67 53.0 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: VU045764.D

Acq: 12 Nov 2021 13:15

Instrument :

MSVOA_U

ClientSampleId :

BP-VPB-RW9-EB-20211111

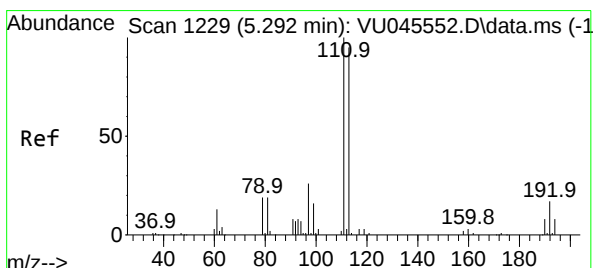
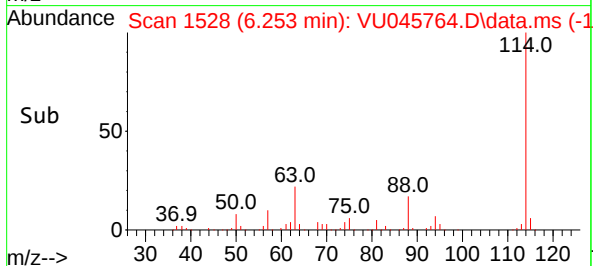
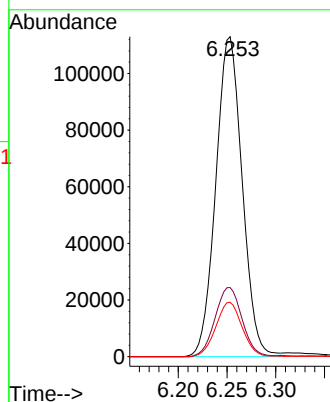
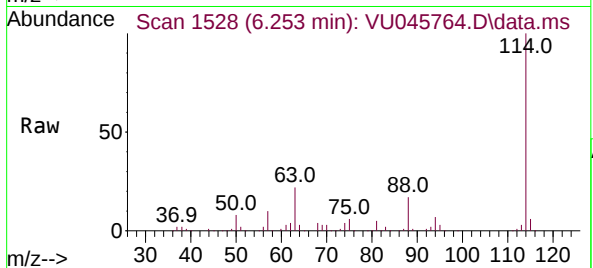
Tgt Ion:114 Resp: 212846

Ion Ratio Lower Upper

114 100

63 21.6 0.0 45.6

88 17.0 0.0 33.8



#35

Dibromofluoromethane

Concen: 52.364 ug/l

RT: 5.292 min Scan# 1229

Delta R.T. 0.000 min

Lab File: VU045764.D

Acq: 12 Nov 2021 13:15

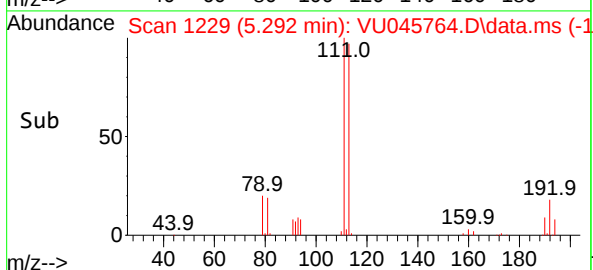
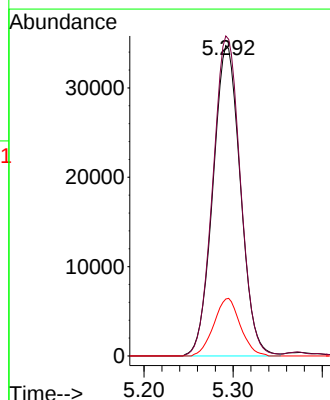
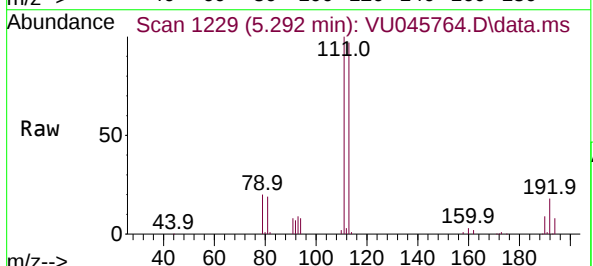
Tgt Ion:113 Resp: 74413

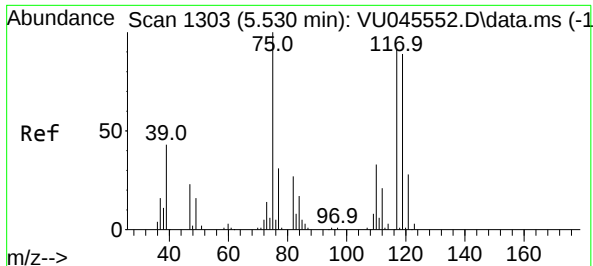
Ion Ratio Lower Upper

113 100

111 103.2 82.8 124.2

192 17.9 14.8 22.2





#36

1,1-Dichloropropene

Concen: 4.990 ug/l

RT: 5.375 min Scan# 1255

Delta R.T. -0.154 min

Lab File: VU045764.D

Acq: 12 Nov 2021 13:15

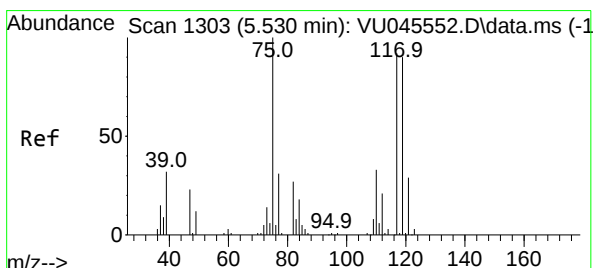
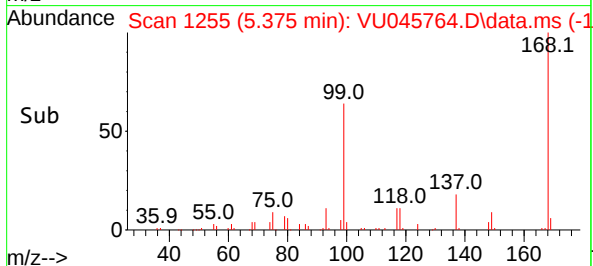
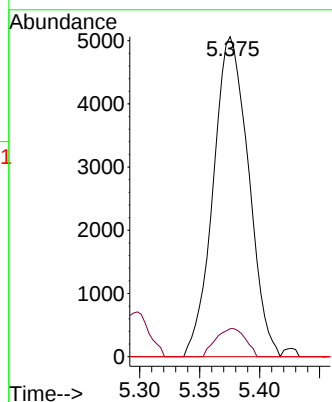
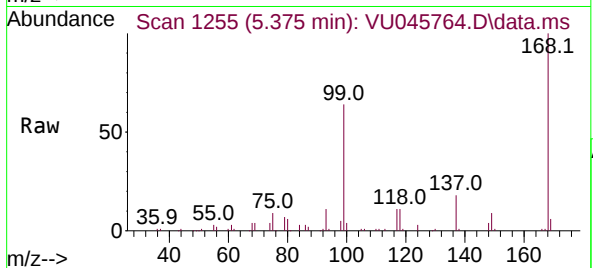
Instrument :

MSVOA_U

ClientSampleId :

BP-VPB-RW9-EB-20211111

Tgt Ion: 75	Resp: 10357
Ion Ratio	Lower Upper
75	100
110	7.3 16.7 50.0#
77	0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.858 ug/l

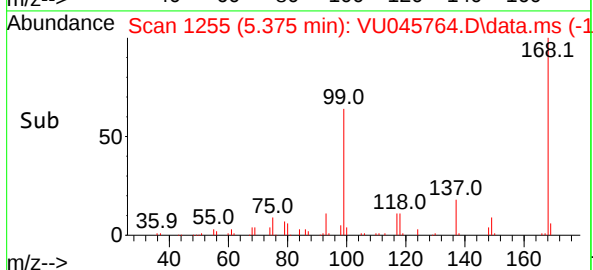
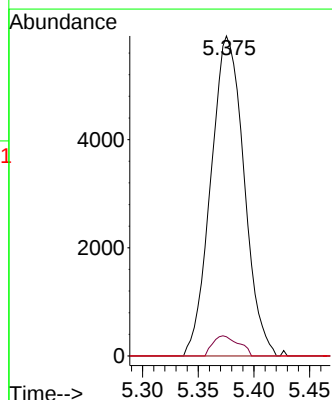
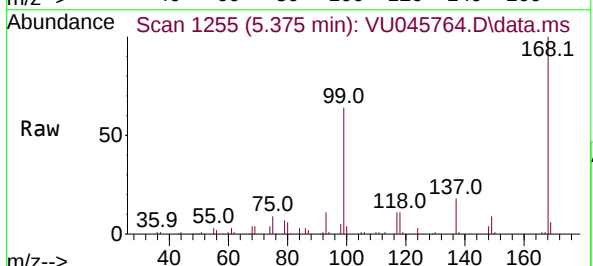
RT: 5.375 min Scan# 1255

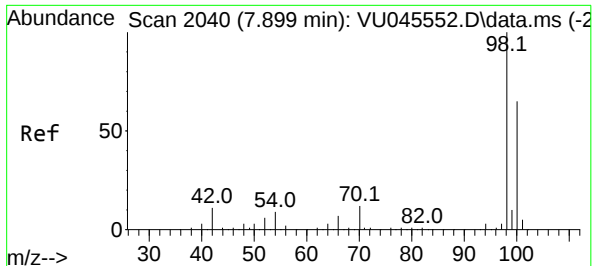
Delta R.T. -0.154 min

Lab File: VU045764.D

Acq: 12 Nov 2021 13:15

Tgt Ion: 117	Resp: 12256
Ion Ratio	Lower Upper
117	100
119	6.0 77.4 116.0#
121	0.0 24.8 37.2#

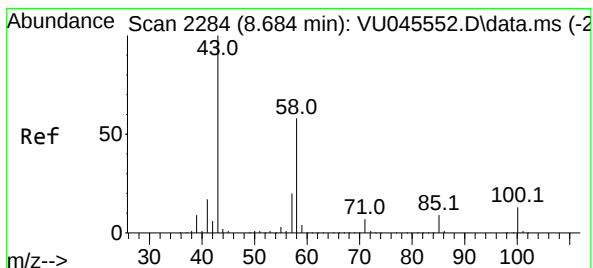
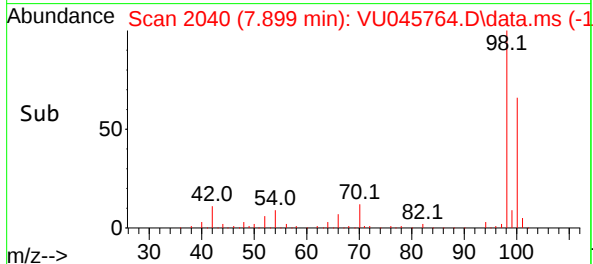
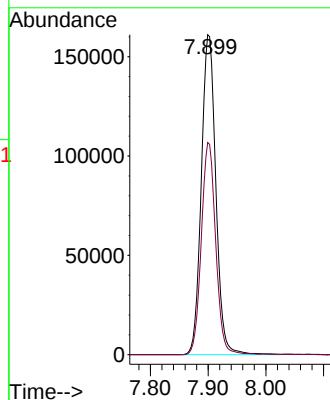
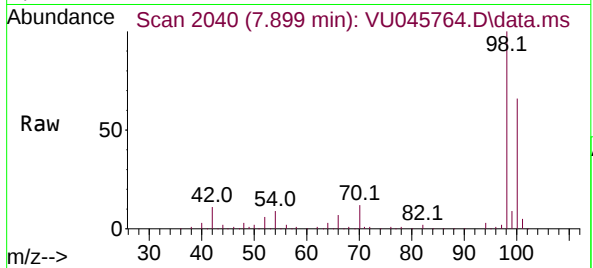




#50
Toluene-d8
Concen: 53.301 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VU045764.D
Acq: 12 Nov 2021 13:15

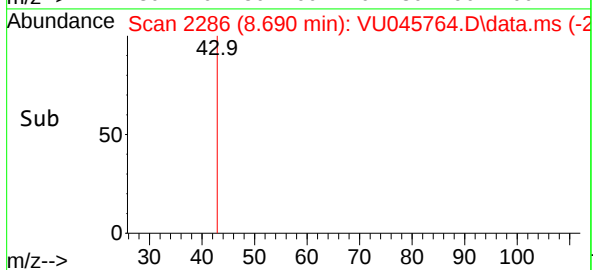
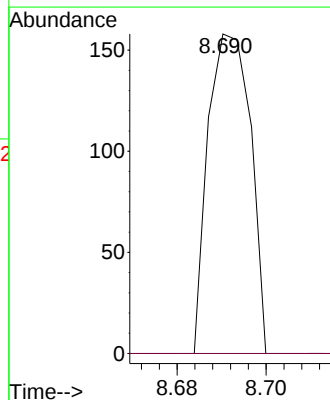
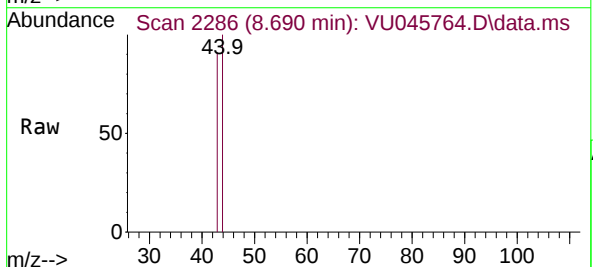
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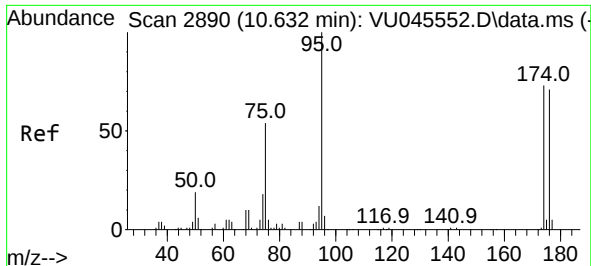
Tgt Ion: 98 Resp: 281652
Ion Ratio Lower Upper
98 100
100 65.5 52.5 78.7



#59
2-Hexanone
Concen: 7.584 ug/l
RT: 8.690 min Scan# 2286
Delta R.T. 0.006 min
Lab File: VU045764.D
Acq: 12 Nov 2021 13:15

Tgt Ion: 43 Resp: 105
Ion Ratio Lower Upper
43 100
58 0.0 29.5 88.6#

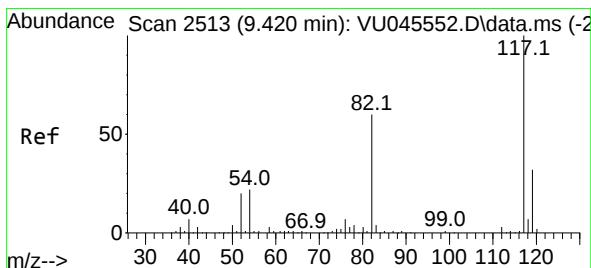
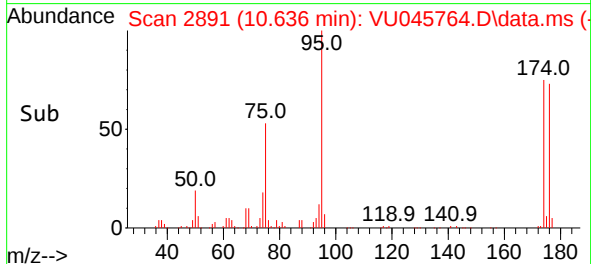
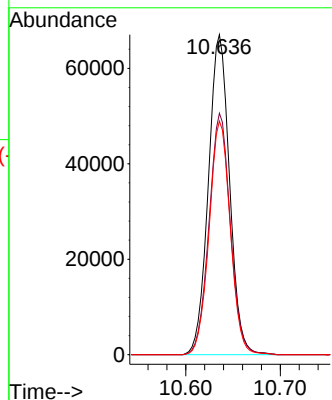
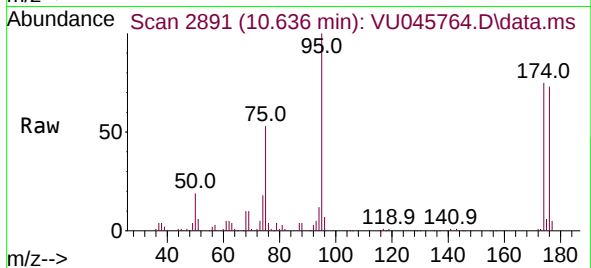




#62
4-Bromofluorobenzene
Concen: 49.124 ug/l
RT: 10.636 min Scan# 2890
Delta R.T. 0.003 min
Lab File: VU045764.D
Acq: 12 Nov 2021 13:15

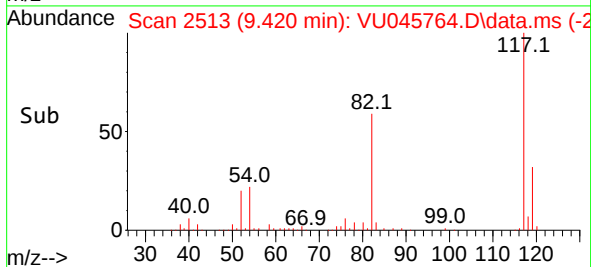
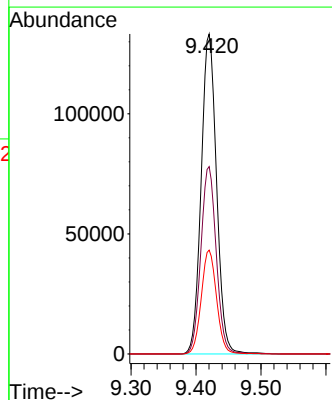
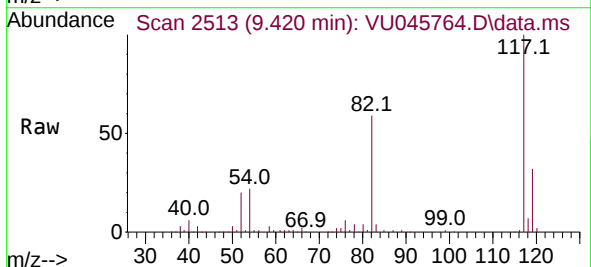
Instrument : MSVOA_U
ClientSampleId : BP-VPB-RW9-EB-20211111

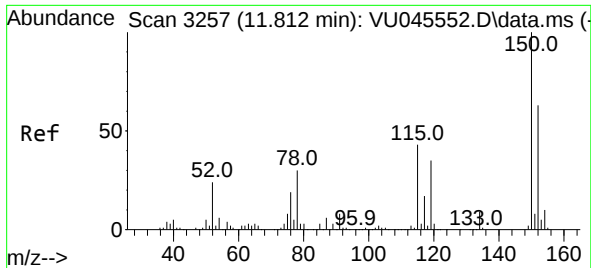
Tgt Ion: 95 Resp: 104091
Ion Ratio Lower Upper
95 100
174 76.4 0.0 141.8
176 72.9 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045764.D
Acq: 12 Nov 2021 13:15

Tgt Ion: 117 Resp: 219882
Ion Ratio Lower Upper
117 100
82 58.5 47.8 71.8
119 32.5 25.8 38.8

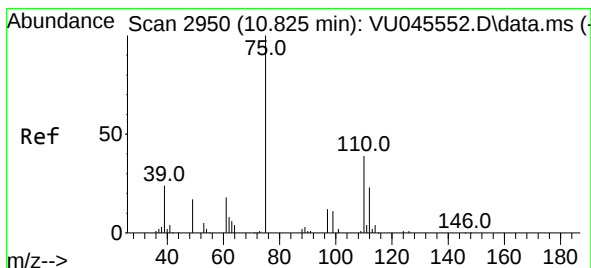
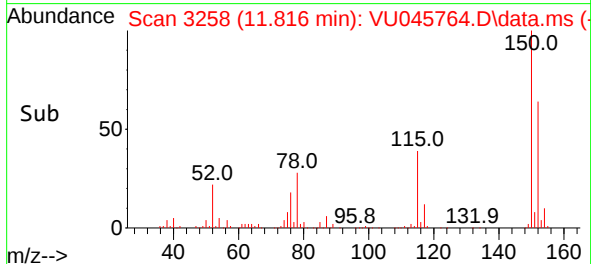
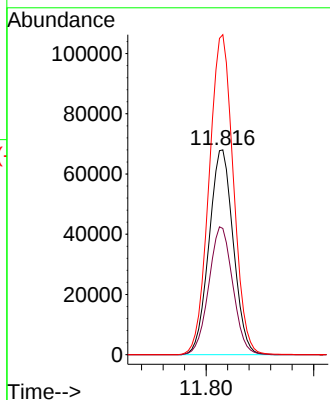
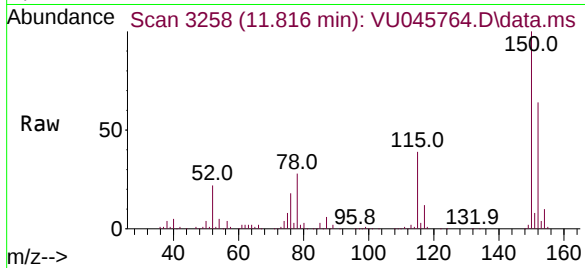




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.816 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU045764.D
 Acq: 12 Nov 2021 13:15

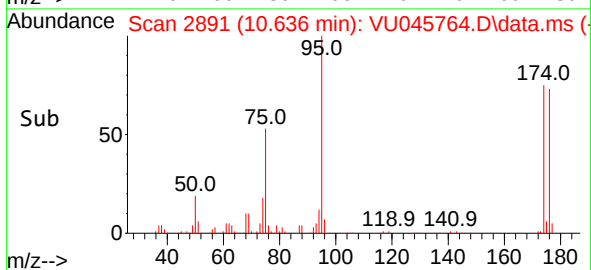
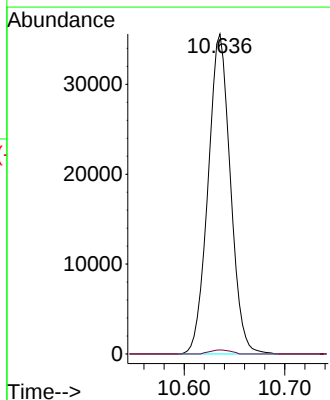
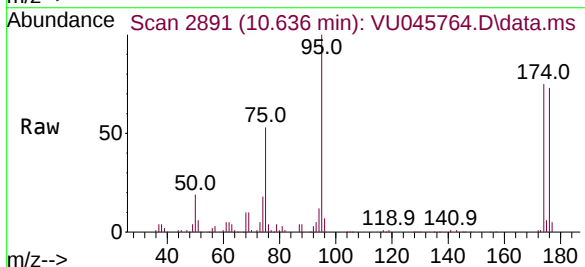
Instrument :
 MSVOA_U
 ClientSampleId :
 BP-VPB-RW9-EB-20211111

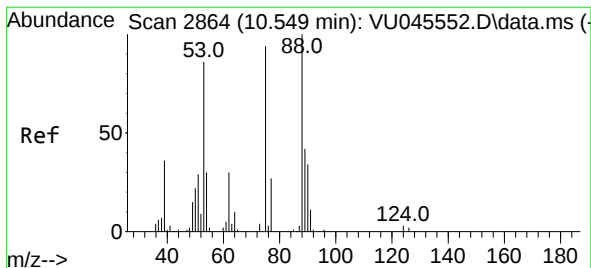
Tgt Ion:152 Resp: 106427
 Ion Ratio Lower Upper
 152 100
 115 61.7 42.7 128.1
 150 156.6 0.0 346.8



#76
 1,2,3-Trichloropropane
 Concen: 17.037 ug/l
 RT: 10.636 min Scan# 2891
 Delta R.T. -0.190 min
 Lab File: VU045764.D
 Acq: 12 Nov 2021 13:15

Tgt Ion: 75 Resp: 54988
 Ion Ratio Lower Upper
 75 100
 77 1.2 17.1 51.3#

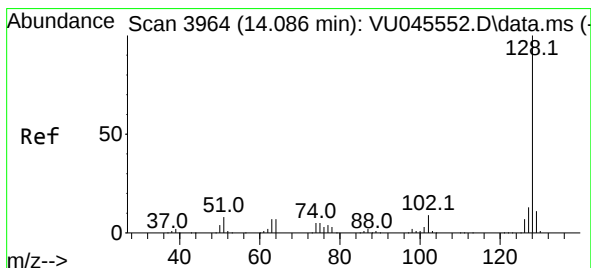
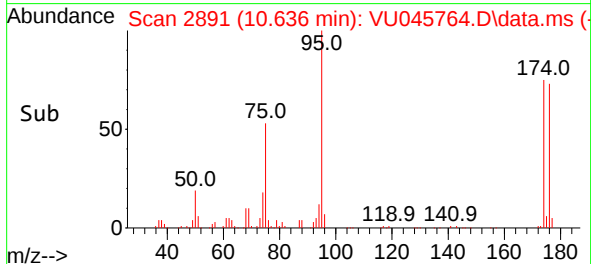
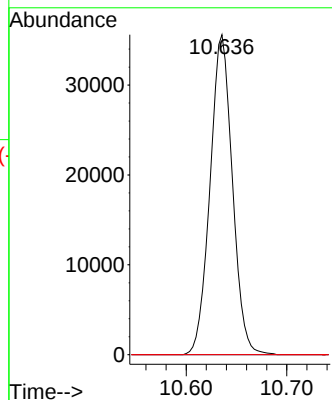
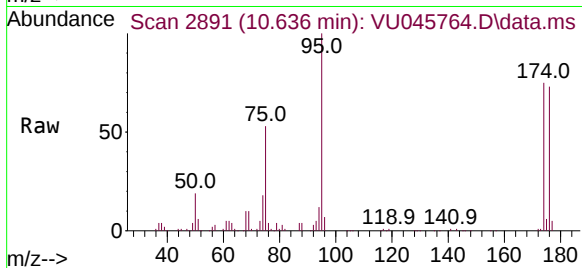




#81
trans-1,4-Dichloro-2-butene
Concen: 55.466 ug/l
RT: 10.636 min Scan# 2864
Delta R.T. 0.087 min
Lab File: VU045764.D
Acq: 12 Nov 2021 13:15

Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-EB-20211111

Tgt Ion: 75 Resp: 54988
Ion Ratio Lower Upper
75 100
53 0.0 76.2 114.4#
89 0.0 34.0 51.0#



#95
Naphthalene
Concen: 1.093 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. 0.006 min
Lab File: VU045764.D
Acq: 12 Nov 2021 13:15

Tgt Ion: 128 Resp: 567
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 0.0 8.6 13.0#

