

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110221\
 Data File : VU045503.D
 Acq On : 01 Nov 2021 21:36
 Operator : SY/MD
 Sample : M4431-10
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BP-VPB-RW9-EB-20211029

Quant Time: Nov 02 07:38:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U102821W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 29 11:09:42 2021
 Response via : Initial Calibration

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

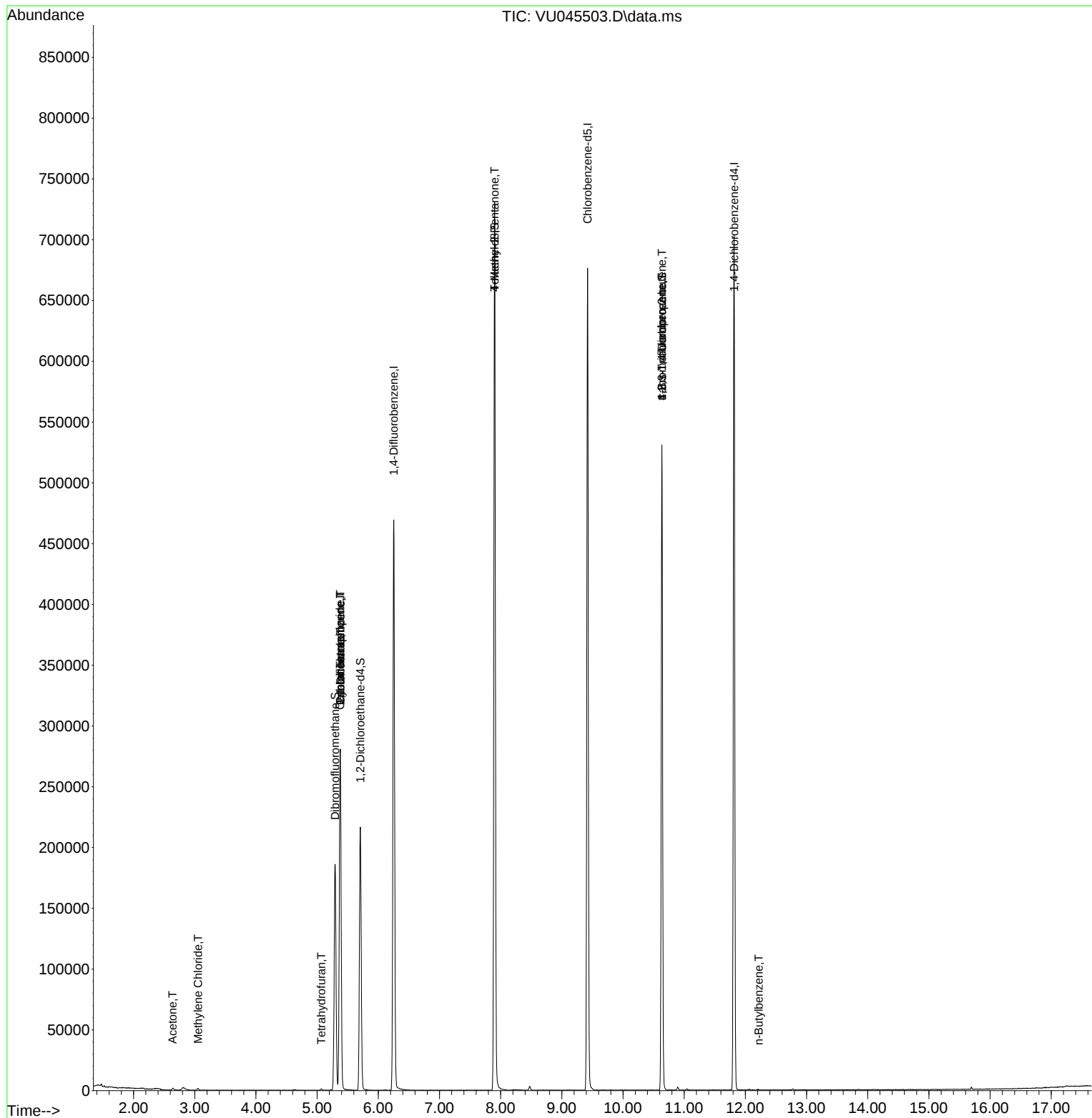
Internal Standards						
1) Pentafluorobenzene	5.378	168	189936	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	375363	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	367256	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	175940	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	161074	52.090	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.180%	
35) Dibromofluoromethane	5.295	113	120698	50.570	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.140%	
50) Toluene-d8	7.902	98	478171	51.090	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 102.180%	
62) 4-Bromofluorobenzene	10.635	95	181483	50.886	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.780%	
Target Compounds						
					Qvalue	
16) Acetone	2.639	43	2125	1.514	ug/l	89
20) Methylene Chloride	3.054	84	813	0.291	ug/l #	76
29) Tetrahydrofuran	5.070	42	824	0.600	ug/l #	82
31) Cyclohexane	5.378	56	4502	0.978	ug/l #	1
36) 1,1-Dichloropropene	5.378	75	17035	4.767	ug/l #	49
38) Carbon Tetrachloride	5.375	117	20037	6.430	ug/l #	16
51) 4-Methyl-2-Pentanone	7.899	43	2088	0.495	ug/l #	1
76) 1,2,3-Trichloropropane	10.635	75	93677	19.983	ug/l #	42
81) trans-1,4-Dichloro-2-b...	10.635	75	93677	55.508	ug/l #	12
89) n-Butylbenzene	12.217	91	174	0.954	ug/l #	84

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

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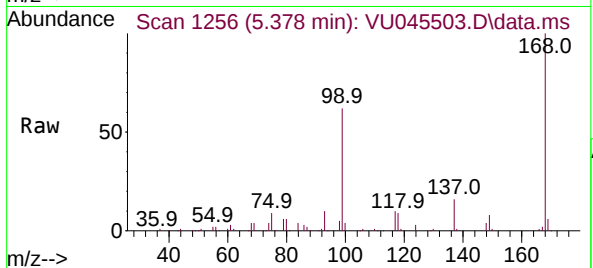
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U102821W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 29 11:09:42 2021
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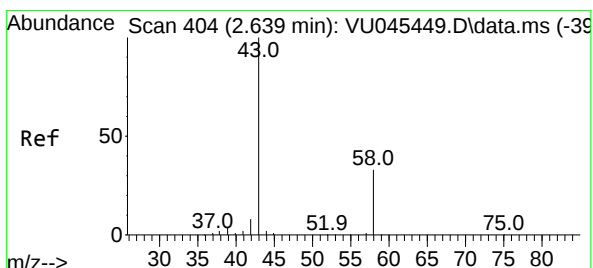
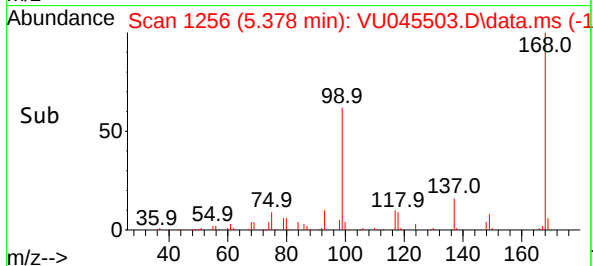
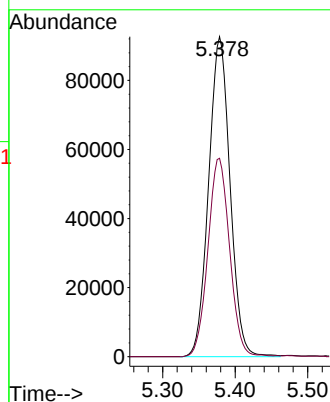


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 11
Delta R.T. -0.001 min
Lab File: VU045503.D
Acq: 01 Nov 2021 21:36

Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-EB-20211029

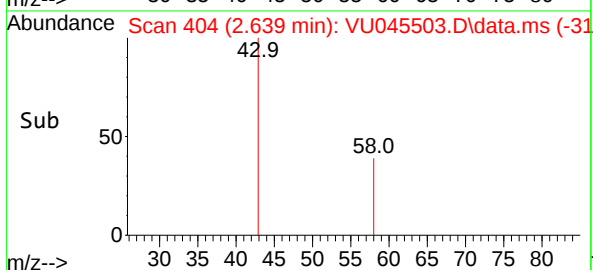
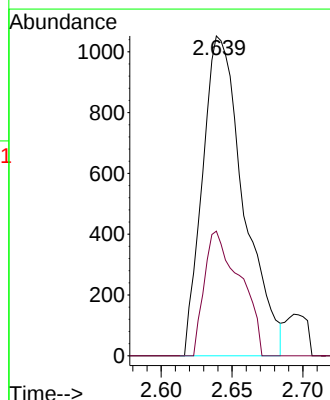
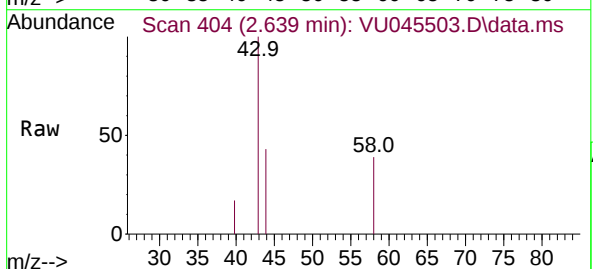


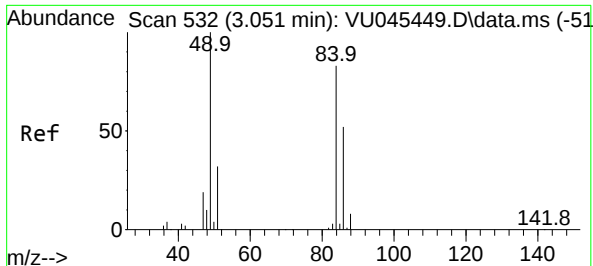
Tgt Ion:168 Resp: 189936
Ion Ratio Lower Upper
168 100
99 62.0 51.0 76.6



#16
Acetone
Concen: 1.514 ug/l
RT: 2.639 min Scan# 404
Delta R.T. -0.000 min
Lab File: VU045503.D
Acq: 01 Nov 2021 21:36

Tgt Ion: 43 Resp: 2125
Ion Ratio Lower Upper
43 100
58 39.0 26.2 39.2

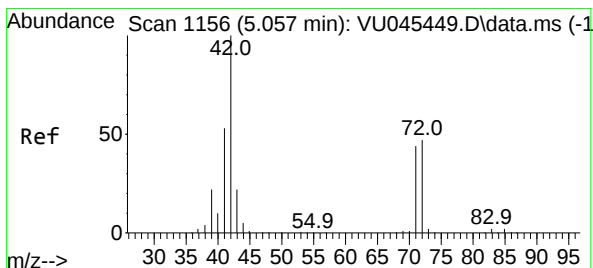
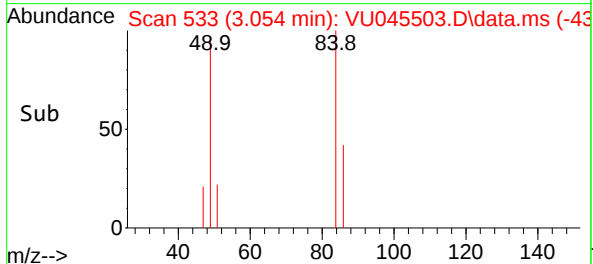
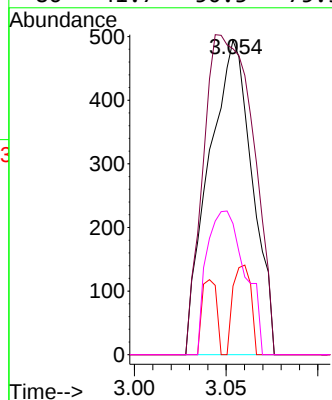
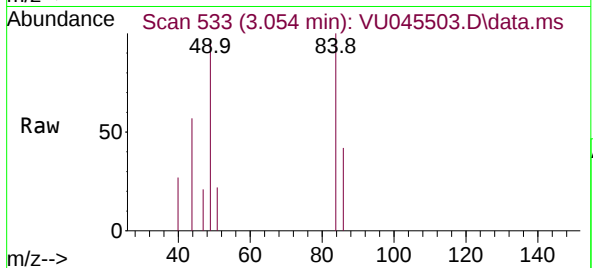




#20
Methylene Chloride
Concen: 0.291 ug/l
RT: 3.054 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU045503.D
Acq: 01 Nov 2021 21:36

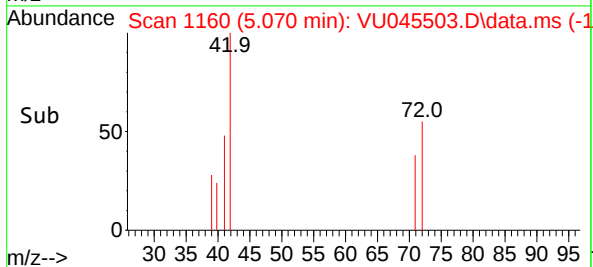
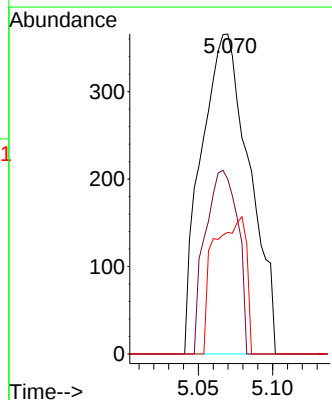
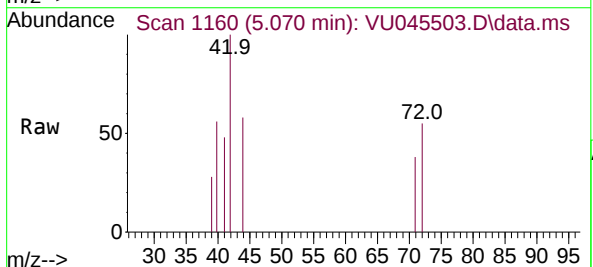
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-EB-20211029

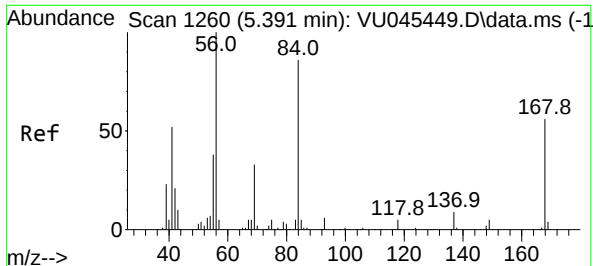
Tgt Ion:	84	Resp:	813
Ion	Ratio	Lower	Upper
84	100		
49	97.4	96.4	144.6
51	21.9	30.5	45.7#
86	41.7	50.3	75.5#



#29
Tetrahydrofuran
Concen: 0.600 ug/l
RT: 5.070 min Scan# 1160
Delta R.T. 0.013 min
Lab File: VU045503.D
Acq: 01 Nov 2021 21:36

Tgt Ion:	42	Resp:	824
Ion	Ratio	Lower	Upper
42	100		
72	38.8	38.2	57.4
71	28.8	35.4	53.2#

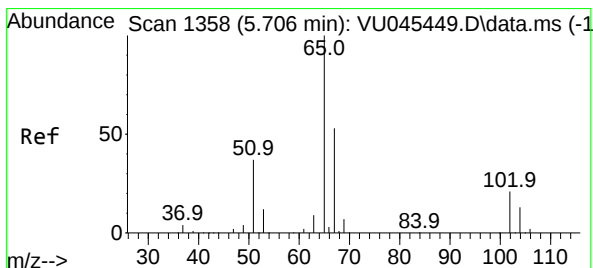
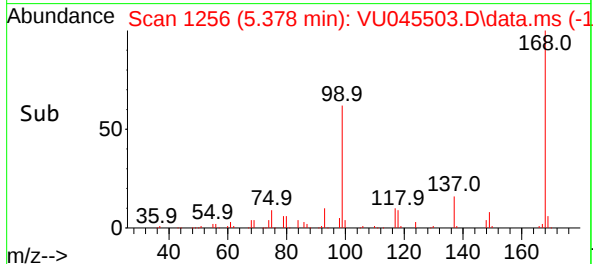
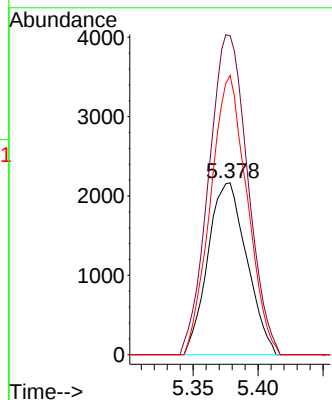
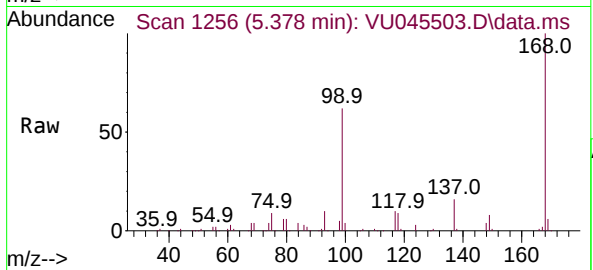




#31
Cyclohexane
Concen: 0.978 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.013 min
Lab File: VU045503.D
Acq: 01 Nov 2021 21:36

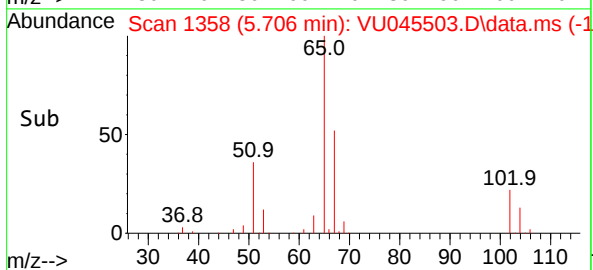
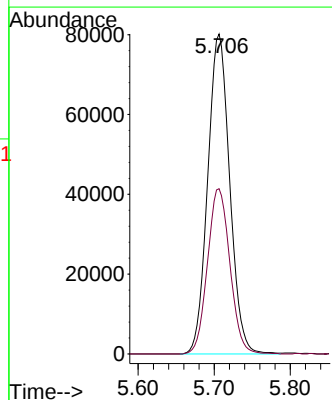
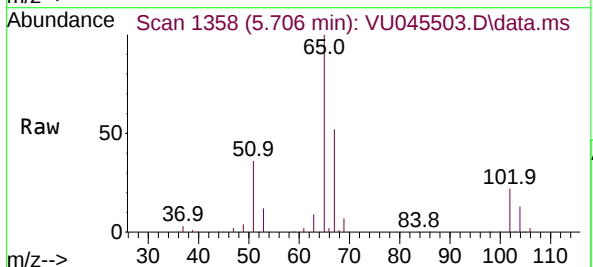
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-EB-20211029

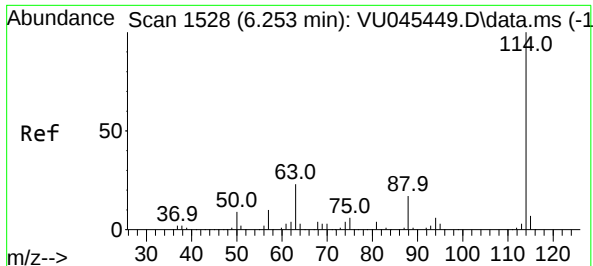
Tgt Ion: 56 Resp: 4502
Ion Ratio Lower Upper
56 100
69 185.5 26.4 39.6#
84 162.4 68.4 102.6#



#33
1,2-Dichloroethane-d4
Concen: 52.090 ug/l
RT: 5.706 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VU045503.D
Acq: 01 Nov 2021 21:36

Tgt Ion: 65 Resp: 161074
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# 11

Delta R.T. -0.000 min

Lab File: VU045503.D

Acq: 01 Nov 2021 21:36

Instrument :

MSVOA_U

ClientSampleId :

BP-VPB-RW9-EB-20211029

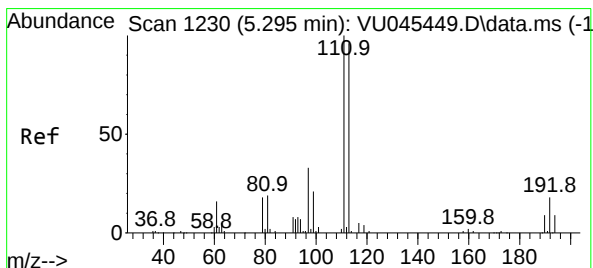
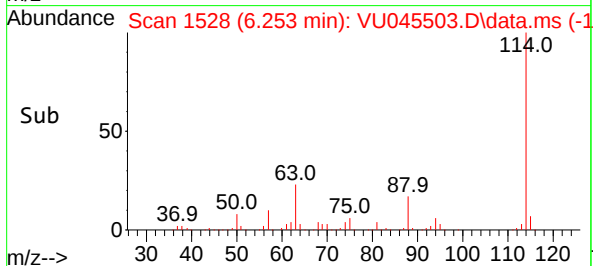
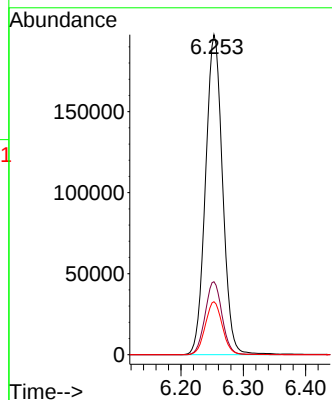
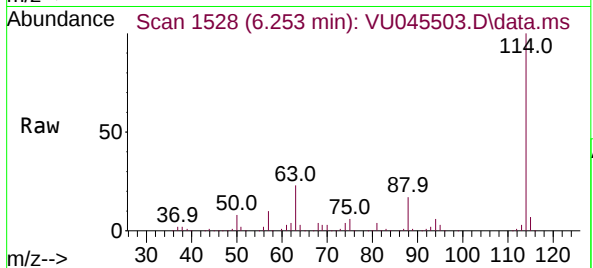
Tgt Ion:114 Resp: 375363

Ion Ratio Lower Upper

114 100

63 22.8 0.0 45.6

88 16.5 0.0 33.8



#35

Dibromofluoromethane

Concen: 50.570 ug/l

RT: 5.295 min Scan# 1230

Delta R.T. -0.000 min

Lab File: VU045503.D

Acq: 01 Nov 2021 21:36

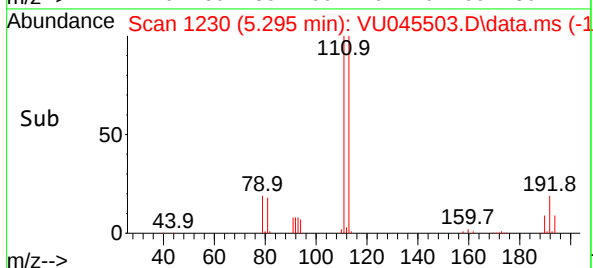
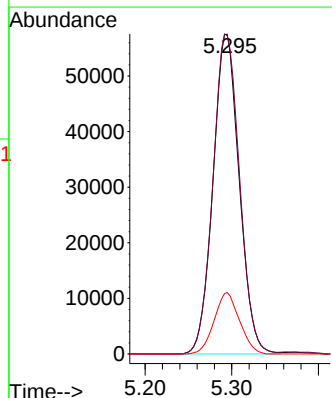
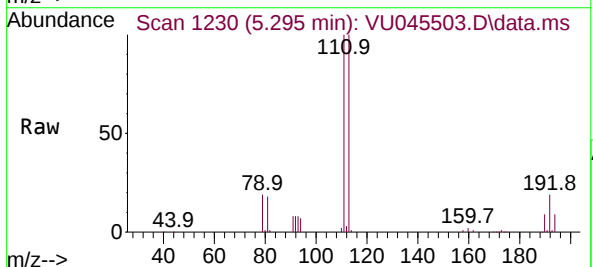
Tgt Ion:113 Resp: 120698

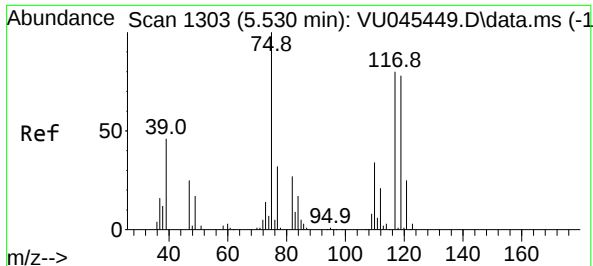
Ion Ratio Lower Upper

113 100

111 101.7 82.8 124.2

192 18.6 14.8 22.2





#36

1,1-Dichloropropene

Concen: 4.767 ug/l

RT: 5.378 min Scan# 11

Delta R.T. -0.151 min

Lab File: VU045503.D

Acq: 01 Nov 2021 21:36

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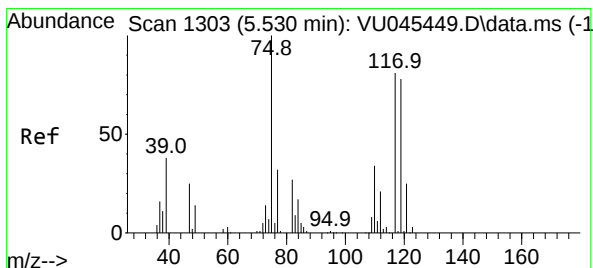
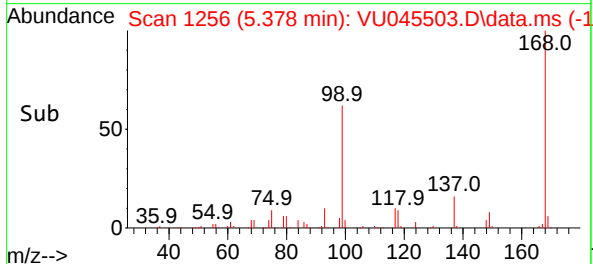
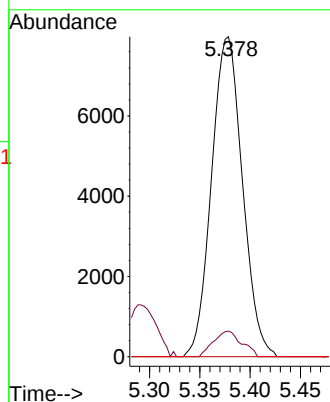
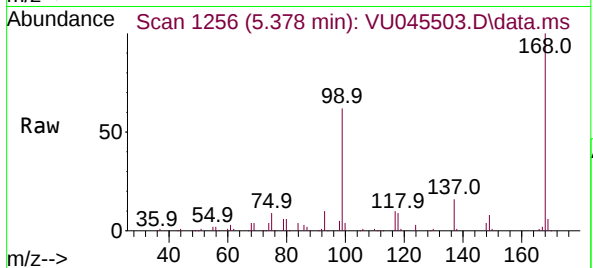
Tgt Ion: 75 Resp: 17035

Ion Ratio Lower Upper

75 100

110 7.3 16.7 50.0#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 6.430 ug/l

RT: 5.375 min Scan# 1255

Delta R.T. -0.154 min

Lab File: VU045503.D

Acq: 01 Nov 2021 21:36

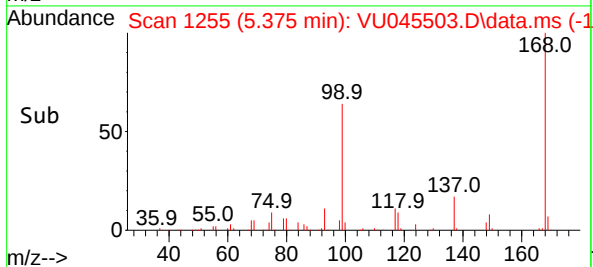
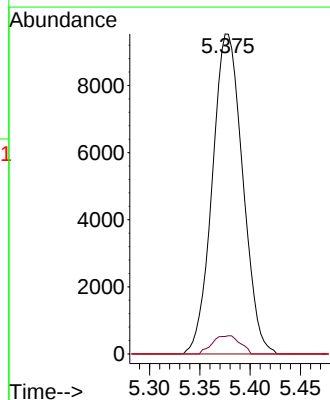
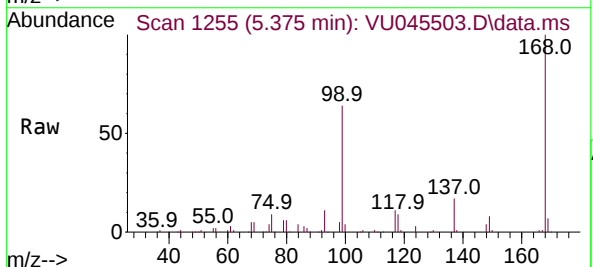
Tgt Ion: 117 Resp: 20037

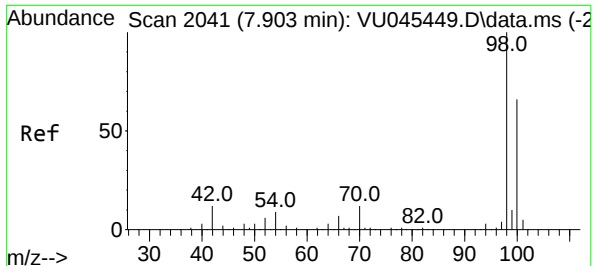
Ion Ratio Lower Upper

117 100

119 5.5 77.4 116.0#

121 0.0 24.8 37.2#

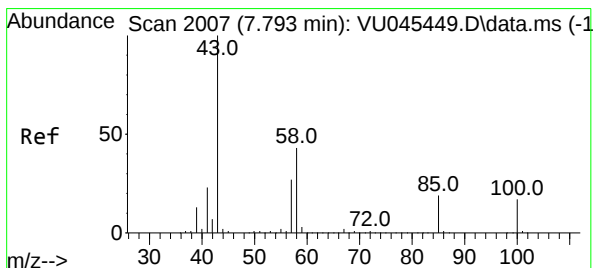
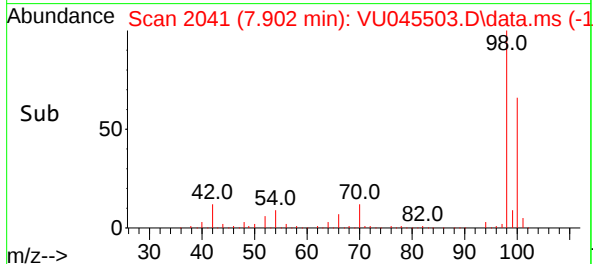
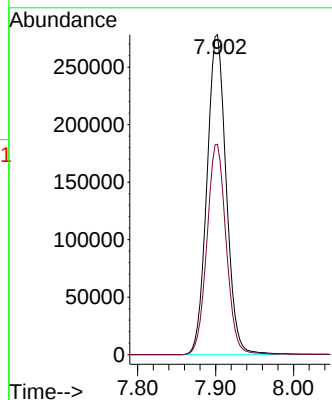
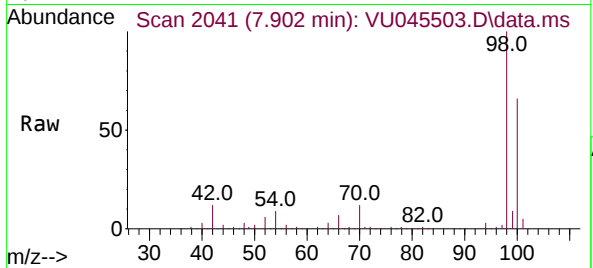




#50
Toluene-d8
Concen: 51.090 ug/l
RT: 7.902 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VU045503.D
Acq: 01 Nov 2021 21:36

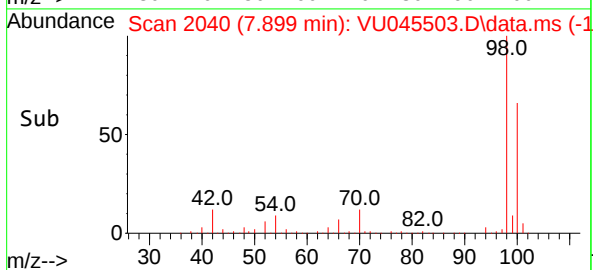
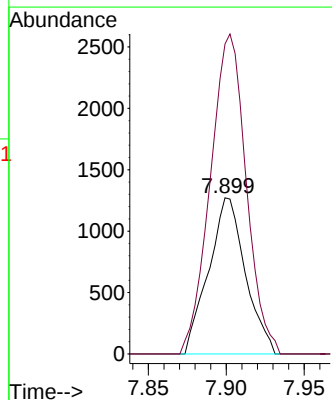
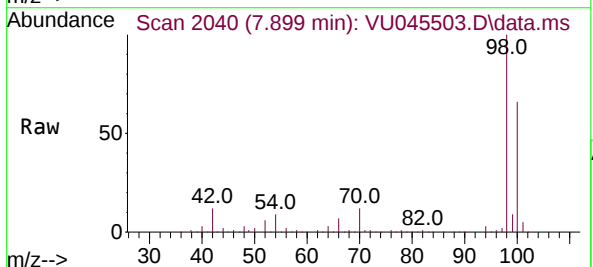
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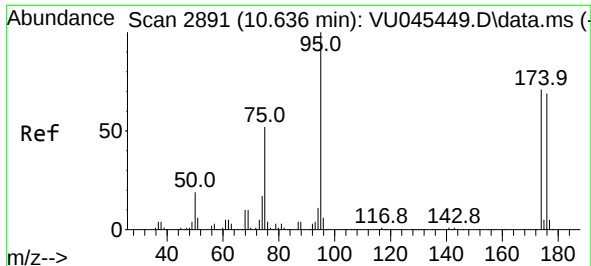
Tgt Ion: 98 Resp: 478171
Ion Ratio Lower Upper
98 100
100 65.6 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.495 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. 0.106 min
Lab File: VU045503.D
Acq: 01 Nov 2021 21:36

Tgt Ion: 43 Resp: 2088
Ion Ratio Lower Upper
43 100
58 200.1 33.8 50.8#

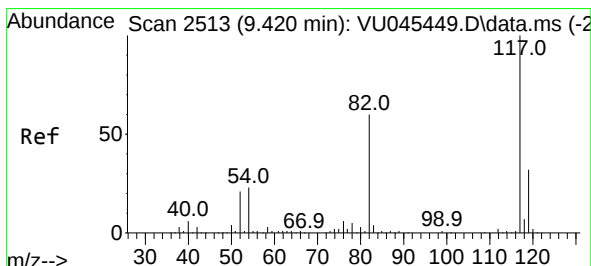
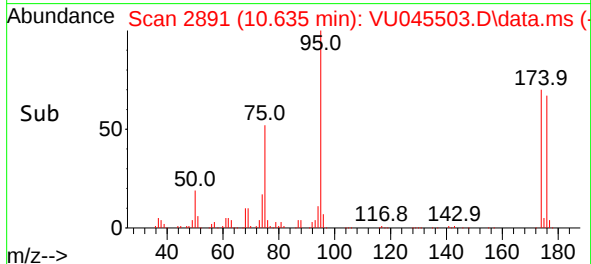
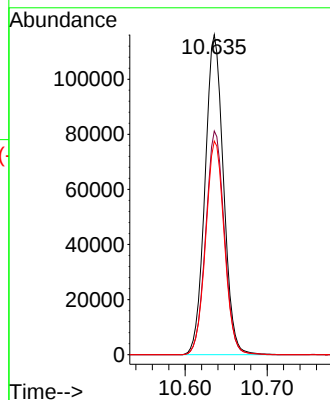
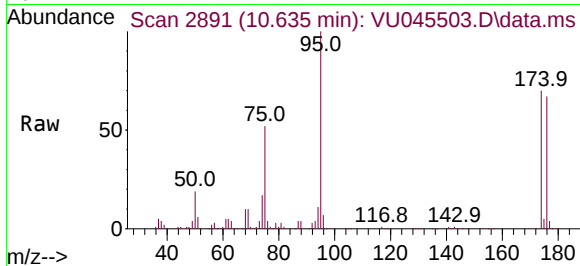




#62
4-Bromofluorobenzene
Concen: 50.886 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. -0.000 min
Lab File: VU045503.D
Acq: 01 Nov 2021 21:36

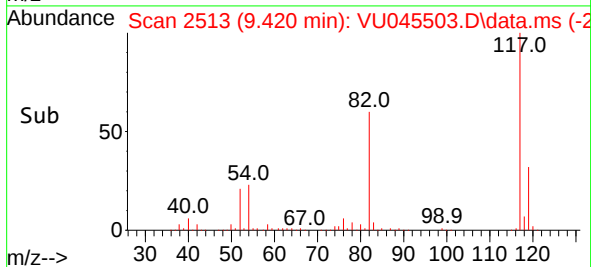
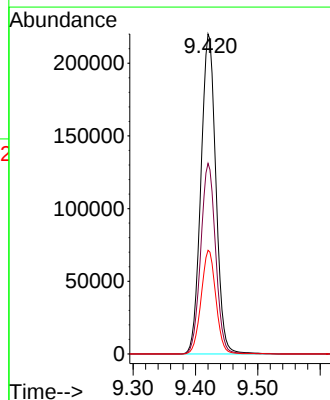
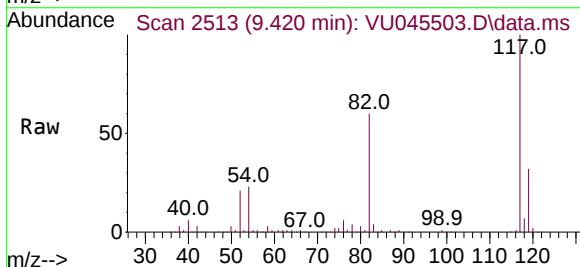
Instrument : MSVOA_U
ClientSampleId : BP-VPB-RW9-EB-20211029

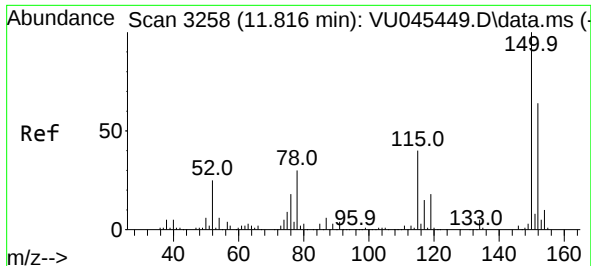
Tgt Ion: 95 Resp: 181483
Ion Ratio Lower Upper
95 100
174 70.6 0.0 141.8
176 67.5 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045503.D
Acq: 01 Nov 2021 21:36

Tgt Ion: 117 Resp: 367256
Ion Ratio Lower Upper
117 100
82 59.6 47.8 71.8
119 32.4 25.8 38.8

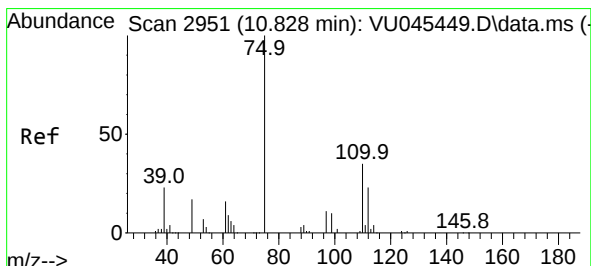
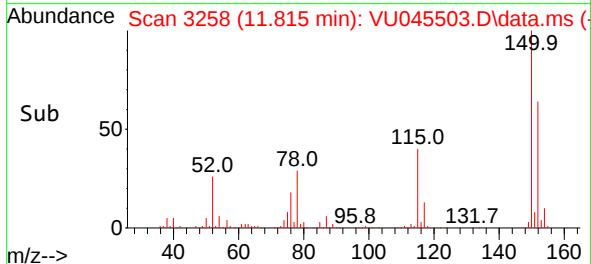
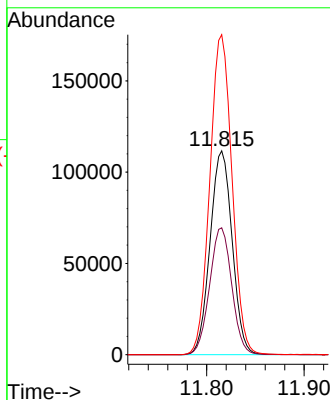
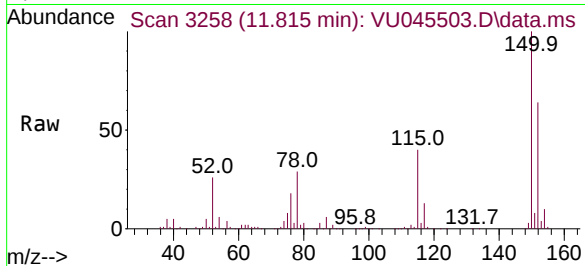




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.815 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU045503.D
 Acq: 01 Nov 2021 21:36

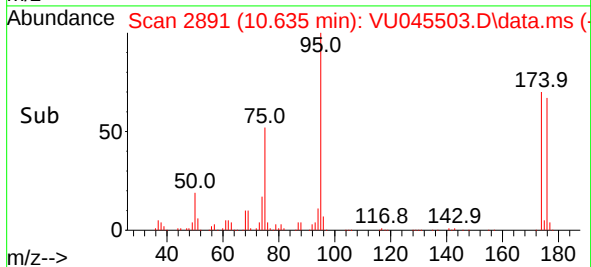
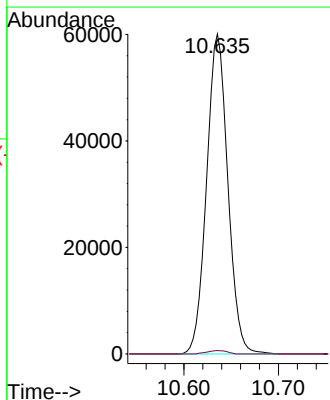
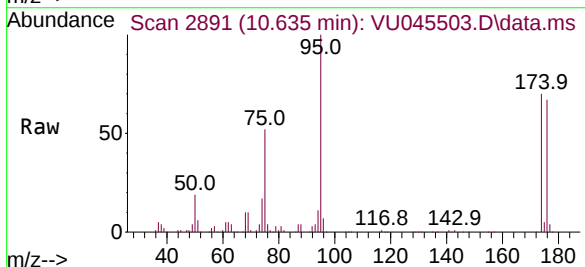
Instrument :
 MSVOA_U
 ClientSampleId :
 BP-VPB-RW9-EB-20211029

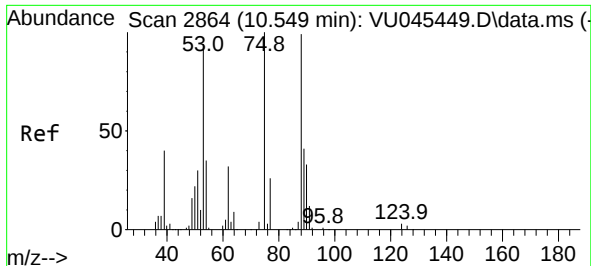
Tgt Ion:152 Resp: 175940
 Ion Ratio Lower Upper
 152 100
 115 62.3 42.7 128.1
 150 157.4 0.0 346.8



#76
 1,2,3-Trichloropropane
 Concen: 19.983 ug/l
 RT: 10.635 min Scan# 2891
 Delta R.T. -0.193 min
 Lab File: VU045503.D
 Acq: 01 Nov 2021 21:36

Tgt Ion: 75 Resp: 93677
 Ion Ratio Lower Upper
 75 100
 77 1.0 17.1 51.3#

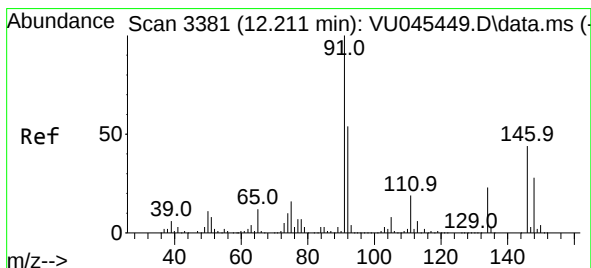
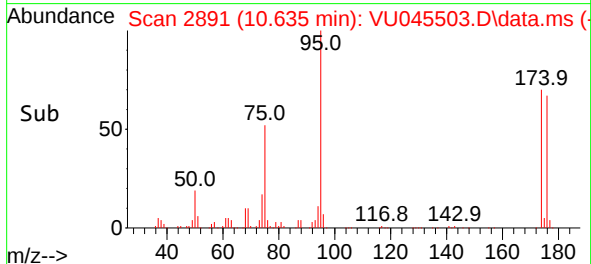
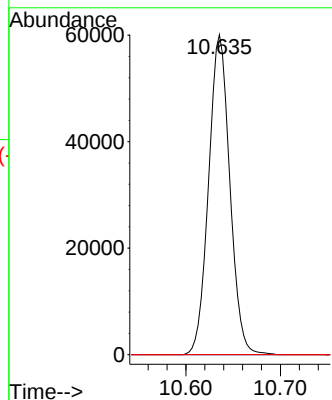
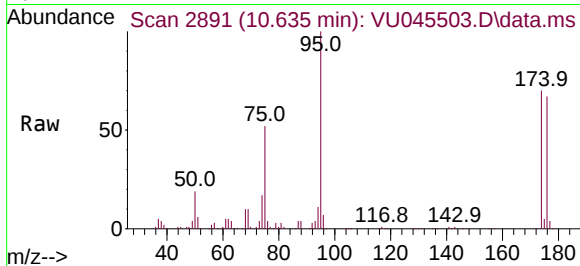




#81
trans-1,4-Dichloro-2-butene
Concen: 55.508 ug/l
RT: 10.635 min Scan# 21
Delta R.T. 0.086 min
Lab File: VU045503.D
Acq: 01 Nov 2021 21:36

Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-EB-20211029

Tgt Ion: 75 Resp: 93677
Ion Ratio Lower Upper
75 100
53 0.0 76.2 114.4#
89 0.0 34.0 51.0#



#89
n-Butylbenzene
Concen: 0.954 ug/l
RT: 12.217 min Scan# 3383
Delta R.T. 0.006 min
Lab File: VU045503.D
Acq: 01 Nov 2021 21:36

Tgt Ion: 91 Resp: 174
Ion Ratio Lower Upper
91 100
92 52.3 27.1 81.2
134 0.0 11.8 35.4#

