

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042921\
 Data File : VU043414.D
 Acq On : 29 Apr 2021 02:52
 Operator : SY/MD
 Sample : M2208-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BP-VPB-RW8-DUP-20210427

Quant Time: Apr 29 09:48:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U041221W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 12 13:17:29 2021
 Response via : Initial Calibration

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

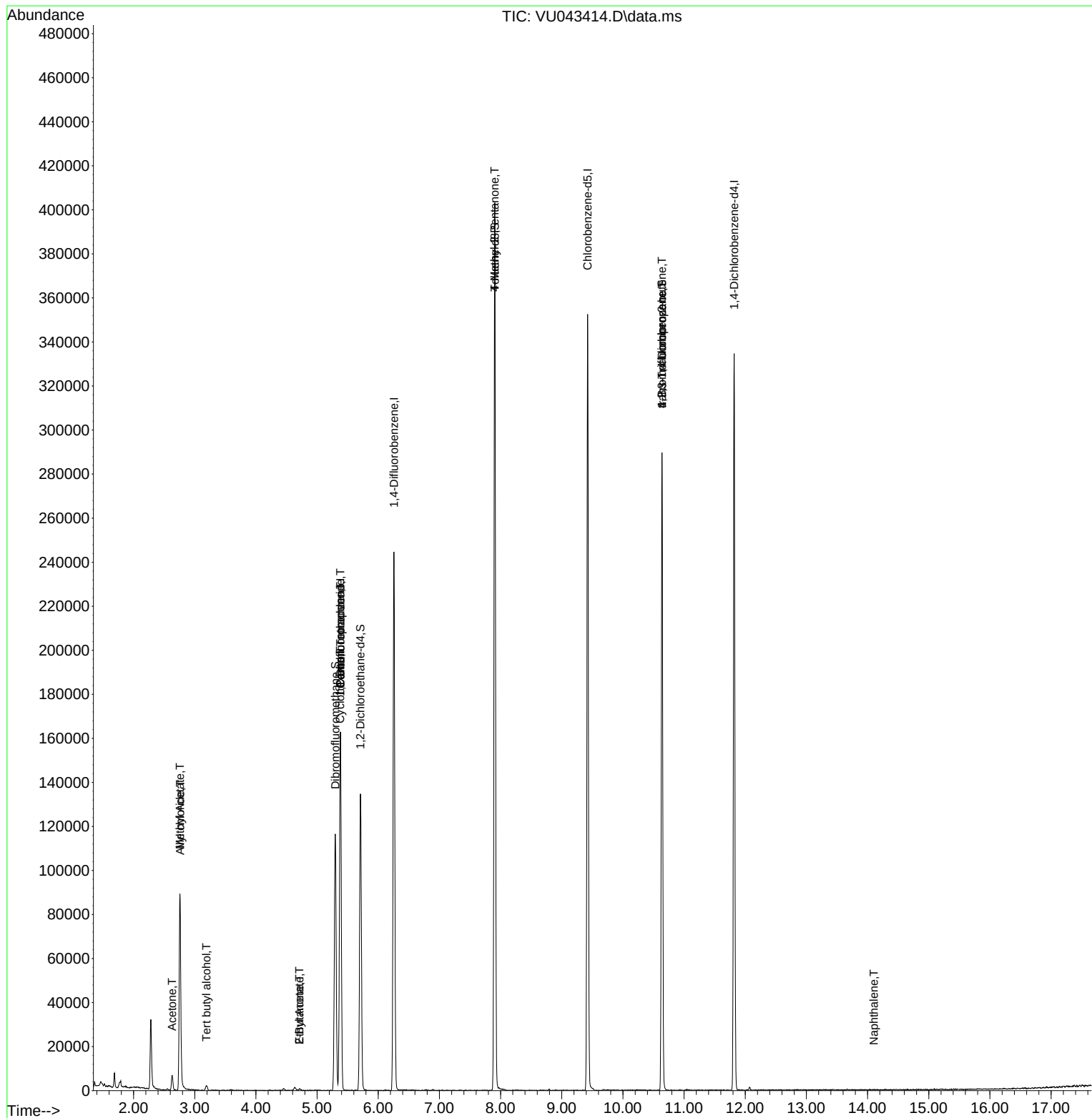
Internal Standards						
1) Pentafluorobenzene	5.382	168	107369	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	179782	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	175970	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	81573	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	102595	56.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.68%	
35) Dibromofluoromethane	5.298	113	70816	52.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.84%	
50) Toluene-d8	7.906	98	244082	51.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.12%	
62) 4-Bromofluorobenzene	10.639	95	83799	43.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.56%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.523	50	904	Below Cal		99
11) Tert butyl alcohol	3.189	59	1386	2.98 ug/l #		94
14) Allyl chloride	2.761	41	9468	3.88 ug/l #		66
16) Acetone	2.629	43	7855	7.10 ug/l		96
18) Methyl Acetate	2.758	43	25290	11.21 ug/l #		55
25) 2-Butanone	4.710	43	1262	0.77 ug/l #		54
31) Cyclohexane	5.375	56	2807	1.26 ug/l #		42
36) 1,1-Dichloropropene	5.378	75	9322	4.89 ug/l #		50
37) Ethyl Acetate	4.710	43	1262	0.39 ug/l #		71
38) Carbon Tetrachloride	5.382	117	10869	5.32 ug/l #		18
51) 4-Methyl-2-Pentanone	7.902	43	1391	0.40 ug/l #		1
76) 1,2,3-Trichloropropane	10.639	75	47637	19.98 ug/l #		37
81) trans-1,4-Dichloro-2-b...	10.639	75	47637	58.72 ug/l #		7
95) Naphthalene	14.105	128	201	2.77 ug/l #		69

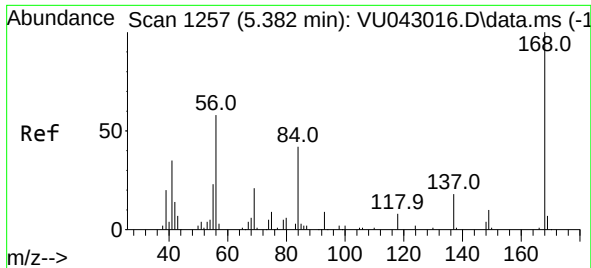
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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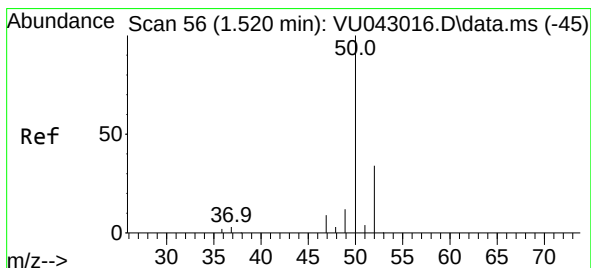
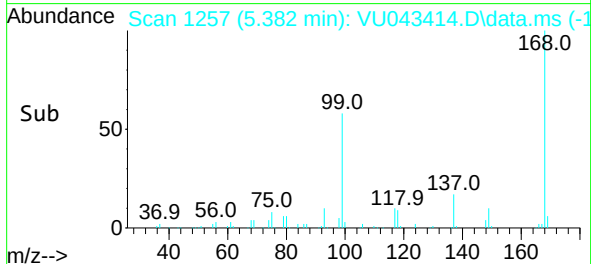
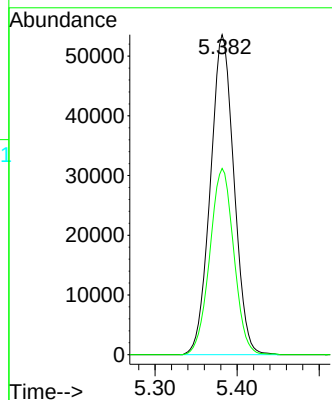
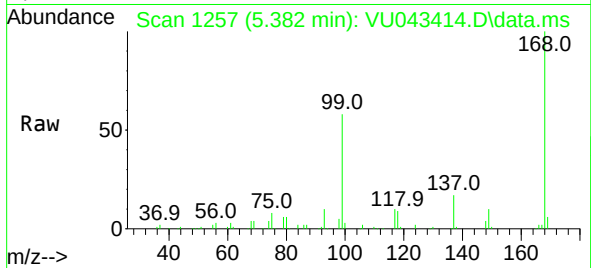




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043414.D
Acq: 29 Apr 2021 02:52

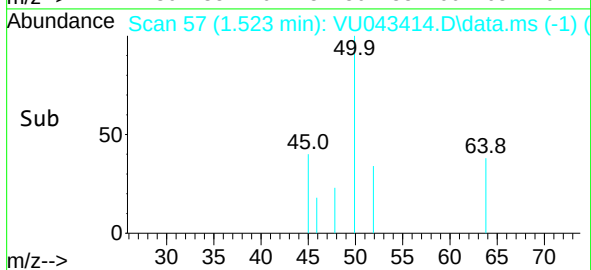
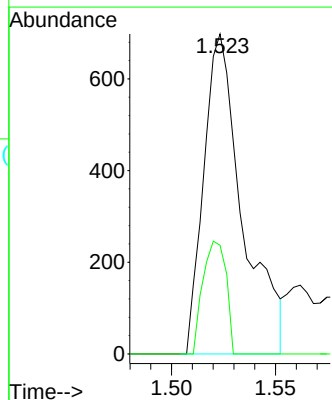
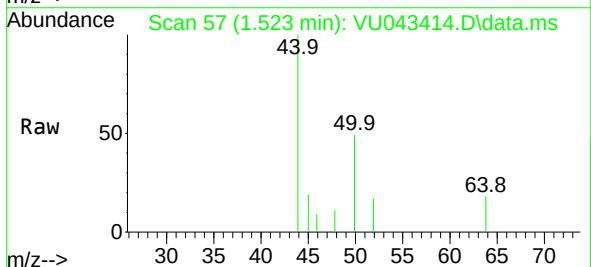
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-DUP-20210427

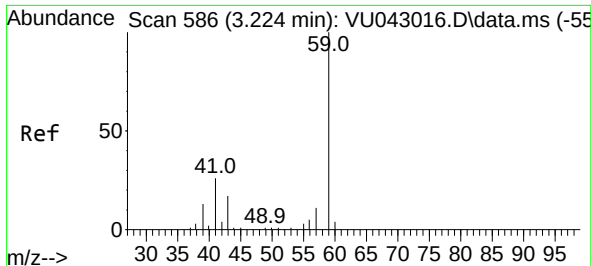
Tgt Ion:168 Resp: 107369
Ion Ratio Lower Upper
168 100
99 58.2 45.0 67.4



#3
Chloromethane
Concen: Below Cal
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU043414.D
Acq: 29 Apr 2021 02:52

Tgt Ion: 50 Resp: 904
Ion Ratio Lower Upper
50 100
52 34.0 26.6 40.0

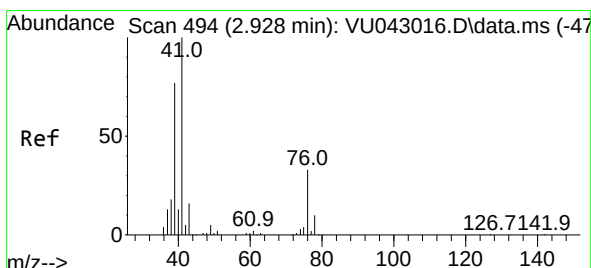
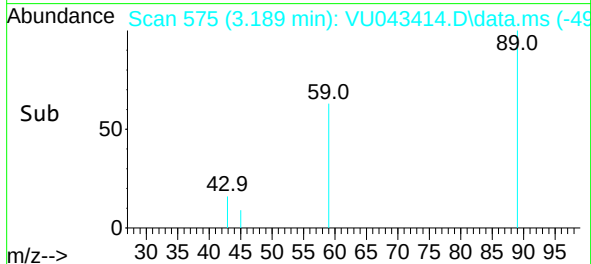
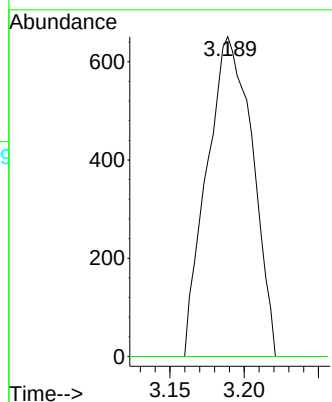
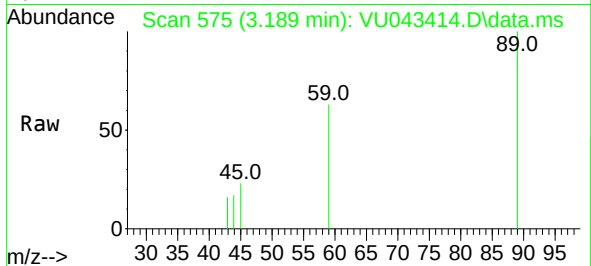




#11
Tert butyl alcohol
Concen: 2.98 ug/l
RT: 3.189 min Scan# 575
Delta R.T. -0.035 min
Lab File: VU043414.D
Acq: 29 Apr 2021 02:52

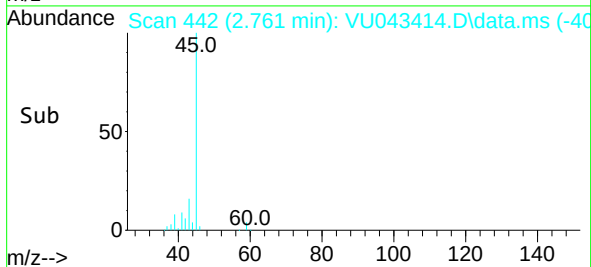
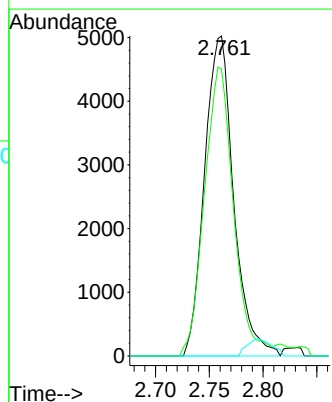
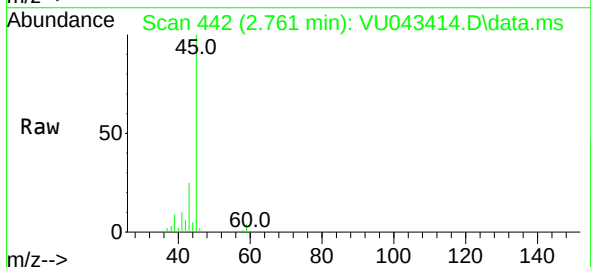
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-DUP-20210427

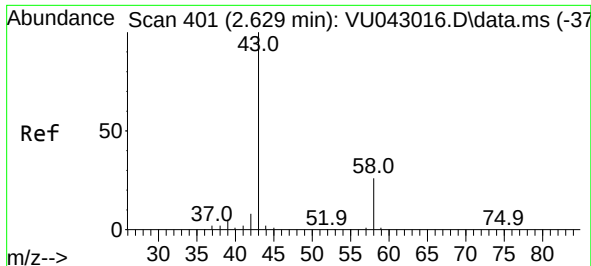
Tgt Ion: 59 Resp: 1386
Ion Ratio Lower Upper
59 100
57 0.0 1.6 2.4#



#14
Allyl chloride
Concen: 3.88 ug/l
RT: 2.761 min Scan# 442
Delta R.T. -0.167 min
Lab File: VU043414.D
Acq: 29 Apr 2021 02:52

Tgt Ion: 41 Resp: 9468
Ion Ratio Lower Upper
41 100
39 90.3 54.9 82.3#
76 0.0 22.5 33.7#

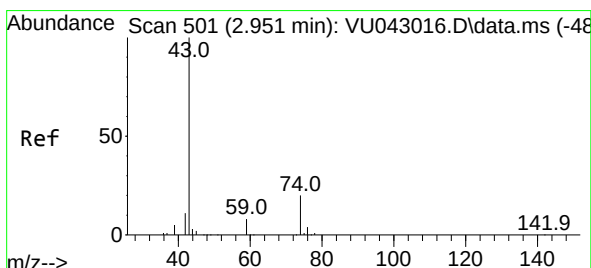
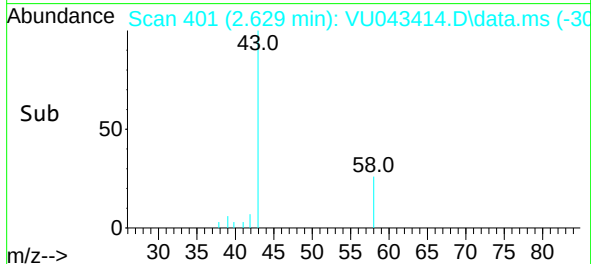
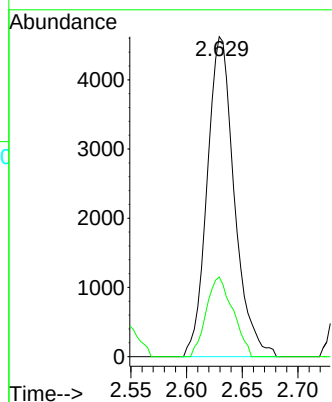
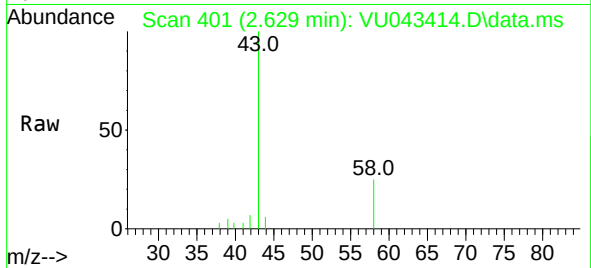




#16
Acetone
Concen: 7.10 ug/l
RT: 2.629 min Scan# 401
Delta R.T. 0.000 min
Lab File: VU043414.D
Acq: 29 Apr 2021 02:52

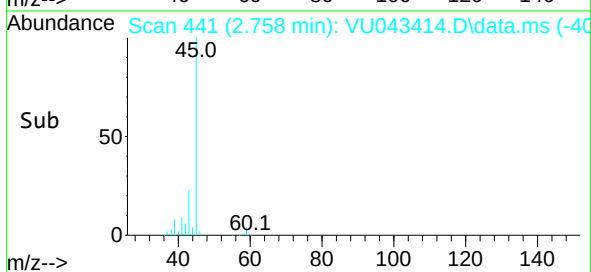
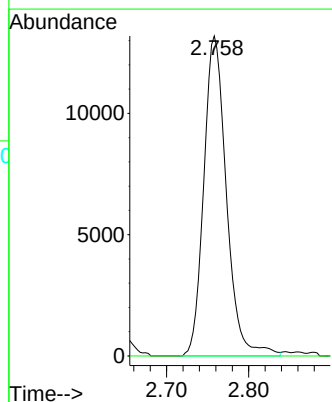
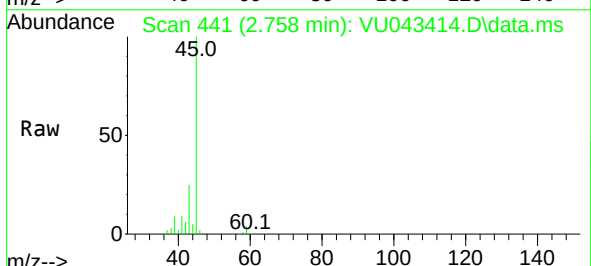
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-DUP-20210427

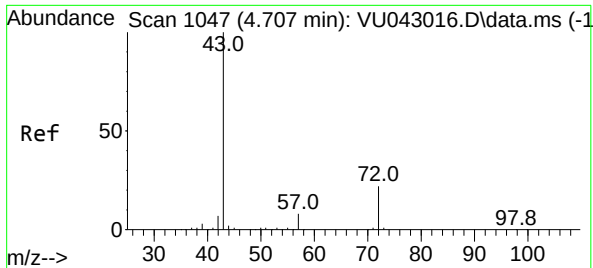
Tgt Ion: 43 Resp: 7855
Ion Ratio Lower Upper
43 100
58 24.9 21.5 32.3



#18
Methyl Acetate
Concen: 11.21 ug/l
RT: 2.758 min Scan# 441
Delta R.T. -0.193 min
Lab File: VU043414.D
Acq: 29 Apr 2021 02:52

Tgt Ion: 43 Resp: 25290
Ion Ratio Lower Upper
43 100
74 0.0 16.6 25.0#

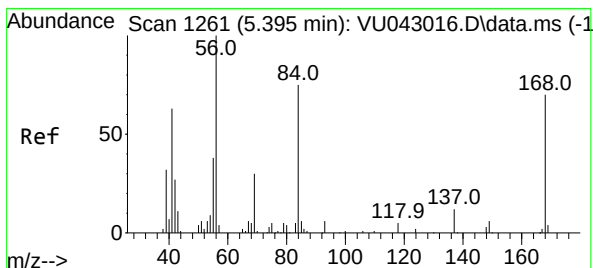
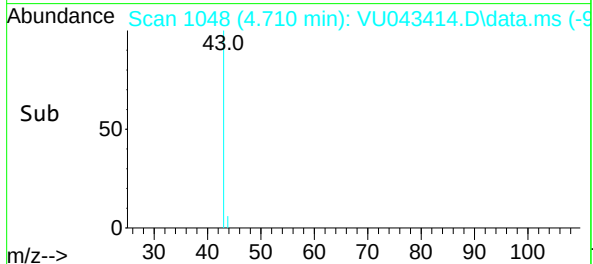
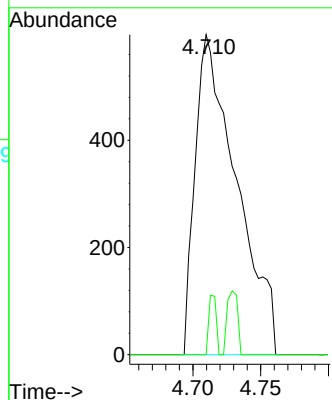
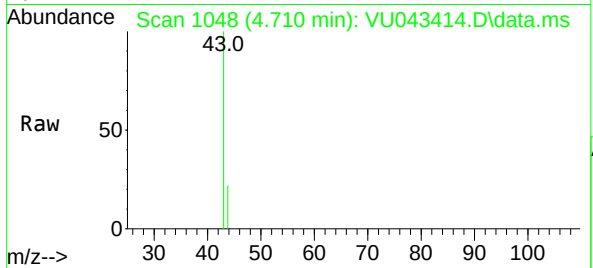




#25
2-Butanone
Concen: 0.77 ug/l
RT: 4.710 min Scan# 1048
Delta R.T. 0.003 min
Lab File: VU043414.D
Acq: 29 Apr 2021 02:52

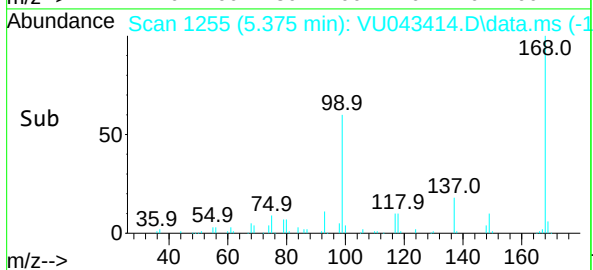
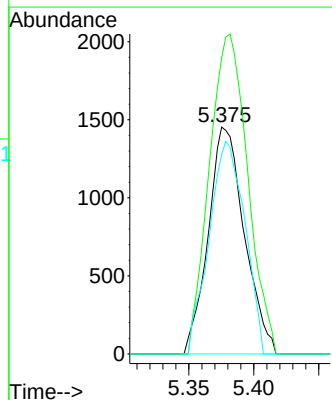
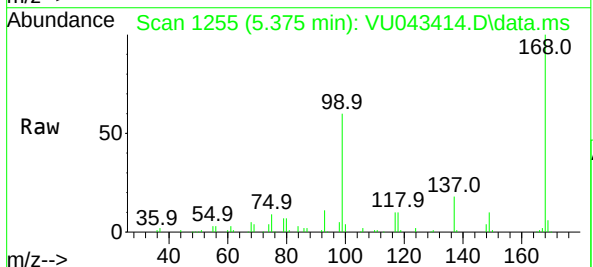
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-DUP-20210427

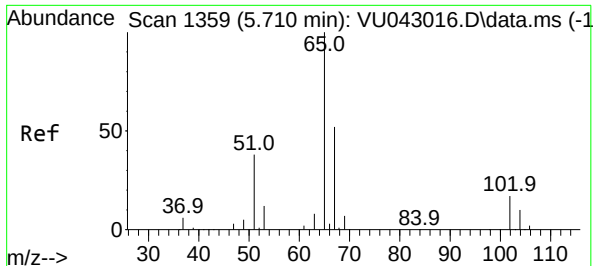
Tgt Ion: 43 Resp: 1262
Ion Ratio Lower Upper
43 100
72 0.0 17.4 26.0#



#31
Cyclohexane
Concen: 1.26 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.020 min
Lab File: VU043414.D
Acq: 29 Apr 2021 02:52

Tgt Ion: 56 Resp: 2807
Ion Ratio Lower Upper
56 100
69 130.6 24.9 37.3#
84 87.9 63.7 95.5





#33

1,2-Dichloroethane-d4

Concen: 56.84 ug/l

RT: 5.710 min Scan# 1359

Delta R.T. -0.000 min

Lab File: VU043414.D

Acq: 29 Apr 2021 02:52

Tgt Ion: 65 Resp: 102595

Ion Ratio Lower Upper

65 100

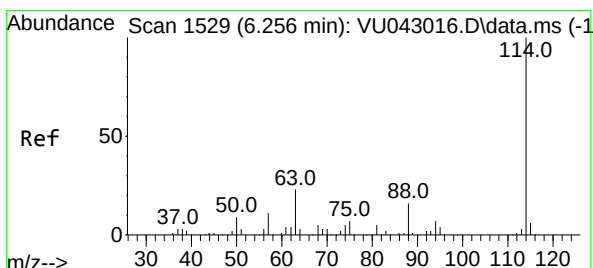
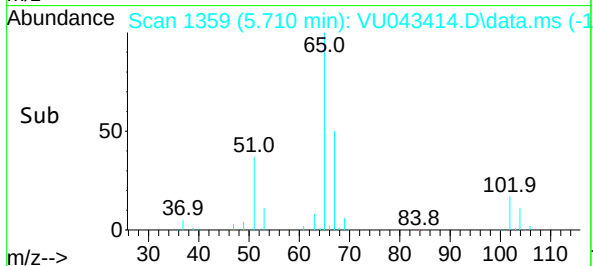
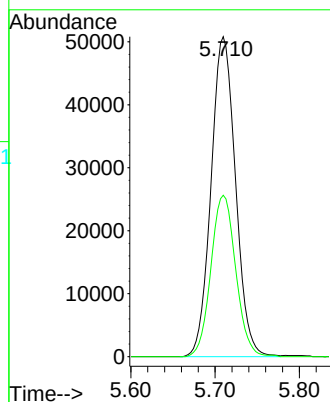
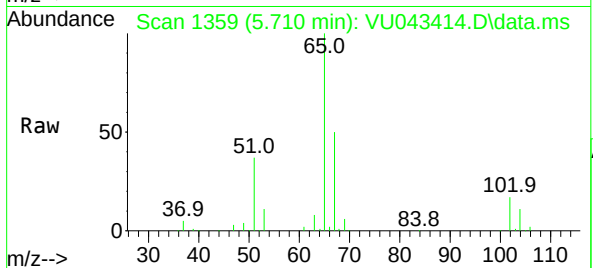
67 51.0 0.0 99.8

Instrument :

MSVOA_U

ClientSampleId :

BP-VPB-RW8-DUP-20210427



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.256 min Scan# 1529

Delta R.T. 0.000 min

Lab File: VU043414.D

Acq: 29 Apr 2021 02:52

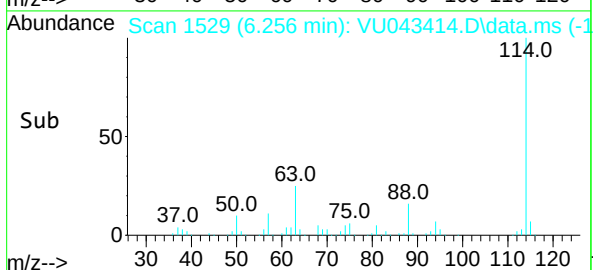
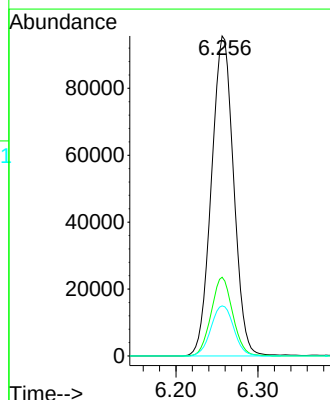
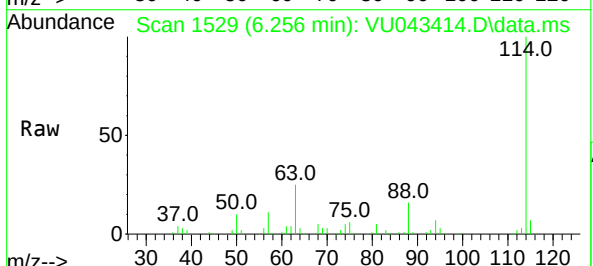
Tgt Ion: 114 Resp: 179782

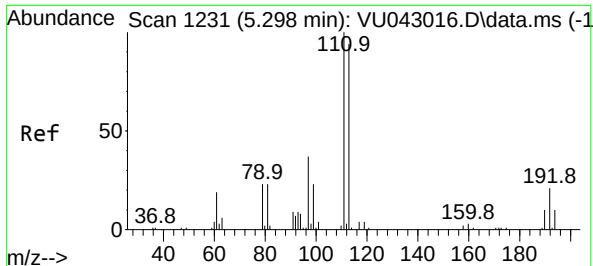
Ion Ratio Lower Upper

114 100

63 24.6 0.0 44.2

88 15.6 0.0 33.4

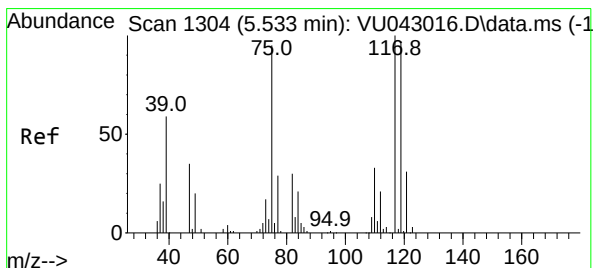
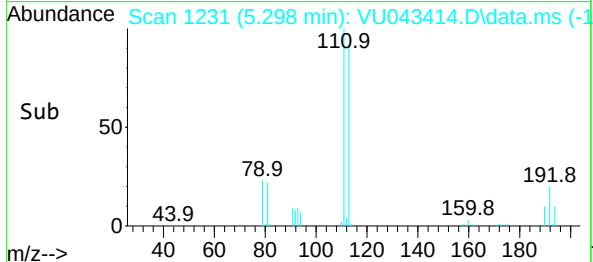
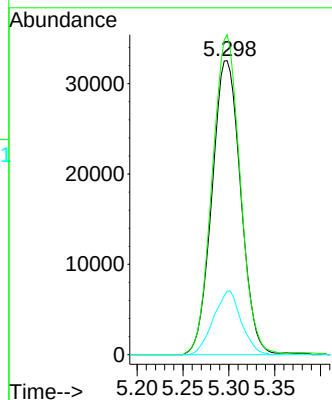
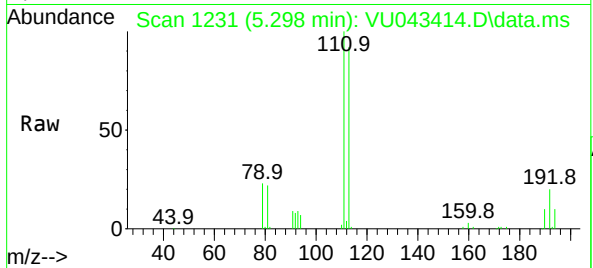




#35
Dibromofluoromethane
Concen: 52.42 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU043414.D
Acq: 29 Apr 2021 02:52

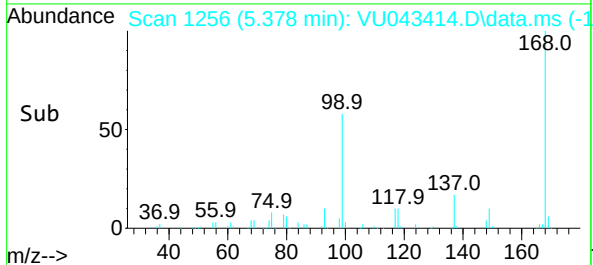
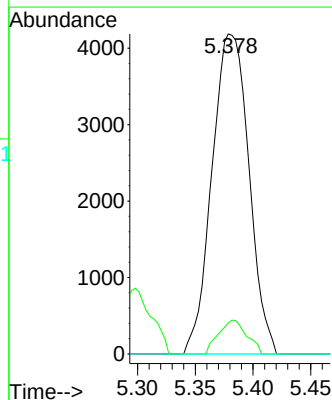
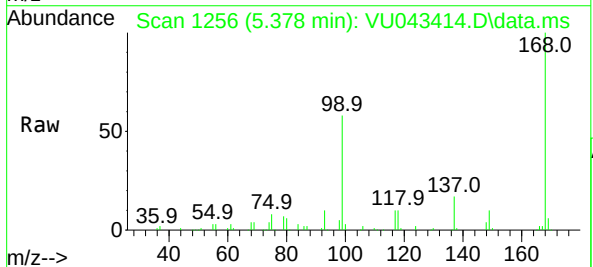
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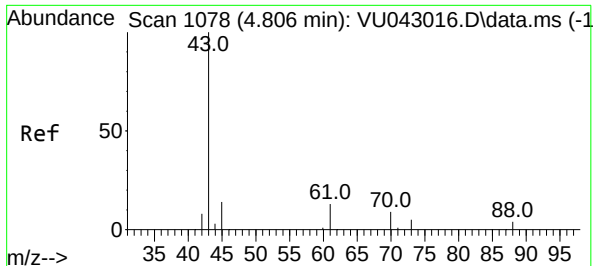
Tgt Ion:113 Resp: 70816
Ion Ratio Lower Upper
113 100
111 106.1 81.8 122.8
192 21.0 17.2 25.8



#36
1,1-Dichloropropene
Concen: 4.89 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.155 min
Lab File: VU043414.D
Acq: 29 Apr 2021 02:52

Tgt Ion: 75 Resp: 9322
Ion Ratio Lower Upper
75 100
110 8.1 16.8 50.3#
77 0.0 24.8 37.2#





#37

Ethyl Acetate

Concen: 0.39 ug/l

RT: 4.710 min Scan# 1048

Delta R.T. -0.096 min

Lab File: VU043414.D

Acq: 29 Apr 2021 02:52

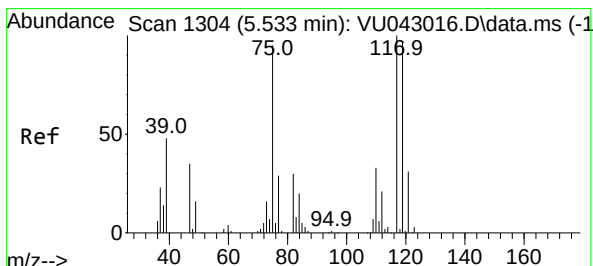
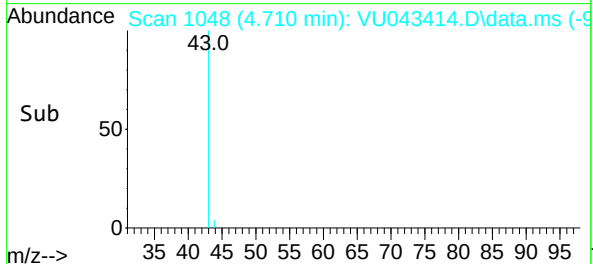
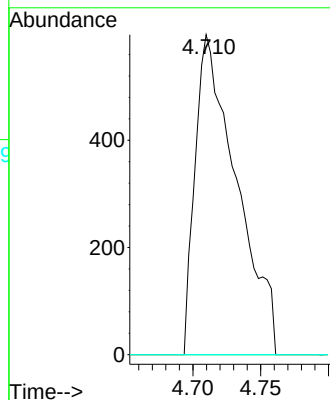
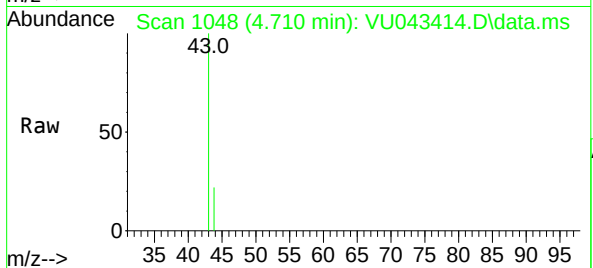
Instrument :

MSVOA_U

ClientSampleId :

BP-VPB-RW8-DUP-20210427

Tgt Ion:	43	Resp:	1262
Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.1	15.1#
70	0.0	7.2	10.8#



#38

Carbon Tetrachloride

Concen: 5.32 ug/l

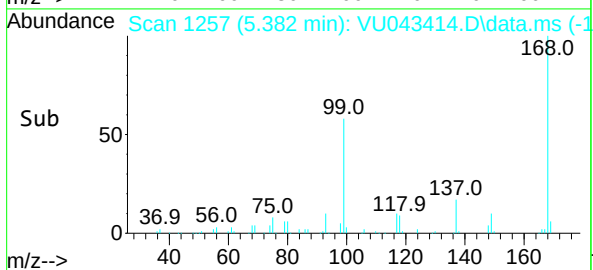
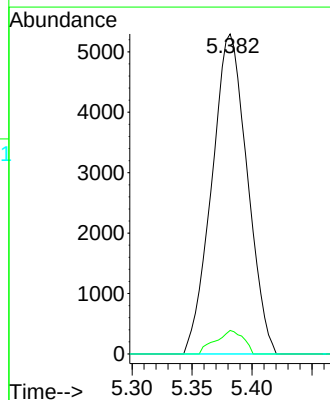
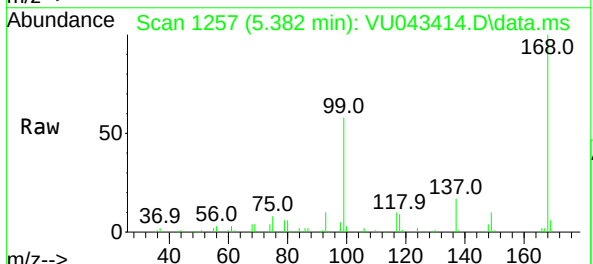
RT: 5.382 min Scan# 1257

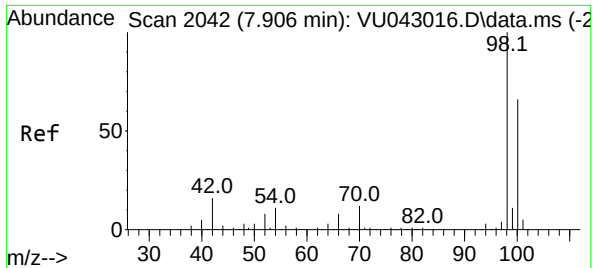
Delta R.T. -0.151 min

Lab File: VU043414.D

Acq: 29 Apr 2021 02:52

Tgt Ion:	117	Resp:	10869
Ion	Ratio	Lower	Upper
117	100		
119	7.3	75.5	113.3#
121	0.0	24.7	37.1#

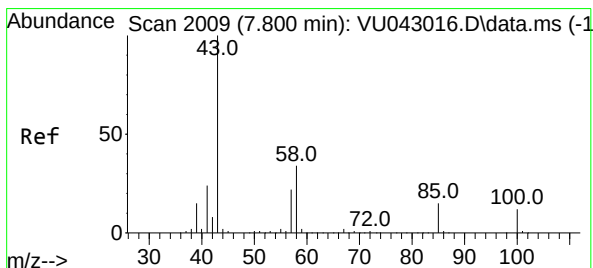
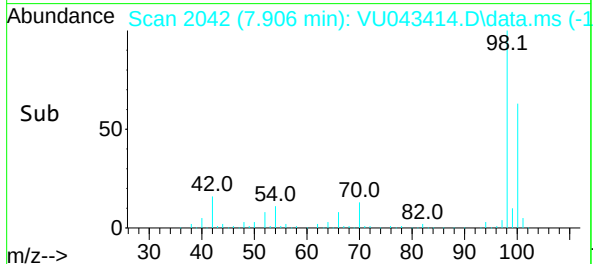
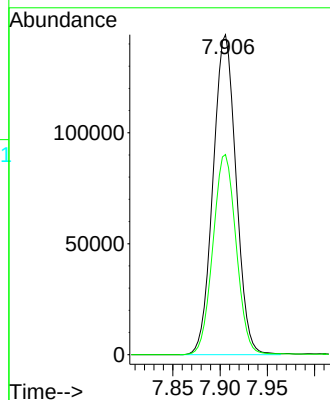
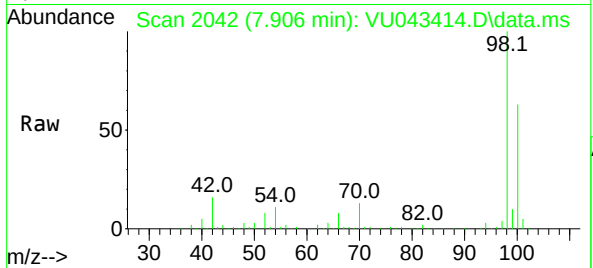




#50
Toluene-d8
Concen: 51.06 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU043414.D
Acq: 29 Apr 2021 02:52

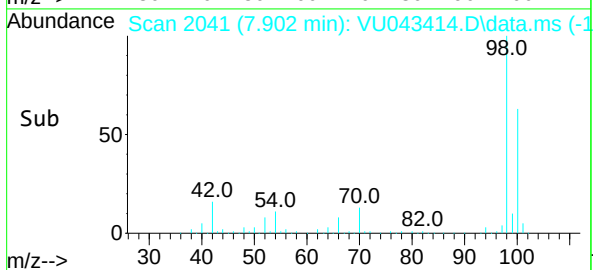
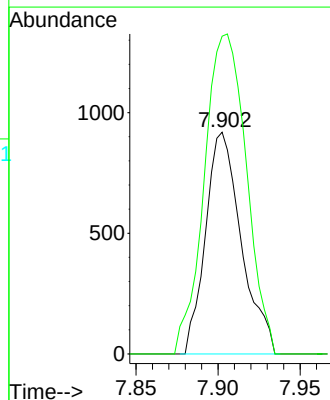
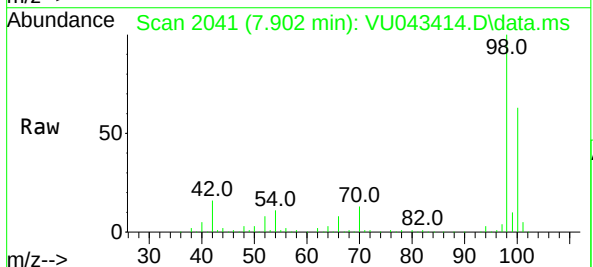
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-DUP-20210427

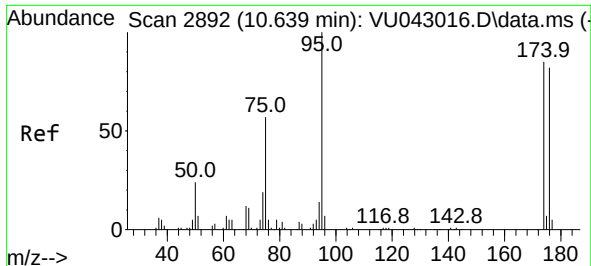
Tgt Ion: 98 Resp: 244082
Ion Ratio Lower Upper
98 100
100 63.0 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 0.40 ug/l
RT: 7.902 min Scan# 2041
Delta R.T. 0.102 min
Lab File: VU043414.D
Acq: 29 Apr 2021 02:52

Tgt Ion: 43 Resp: 1391
Ion Ratio Lower Upper
43 100
58 169.5 28.1 42.1#

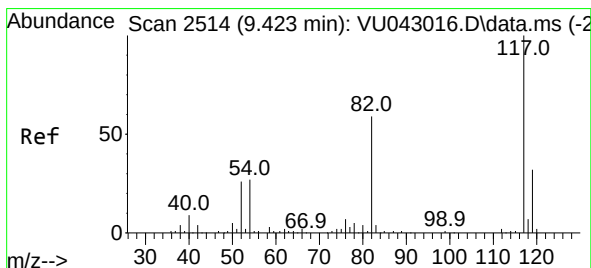
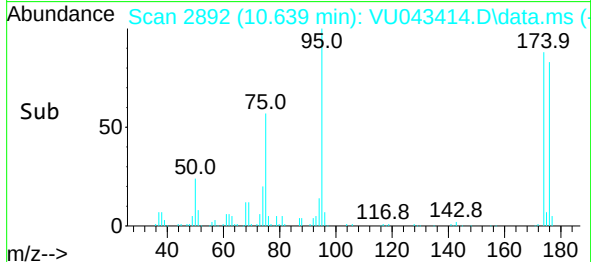
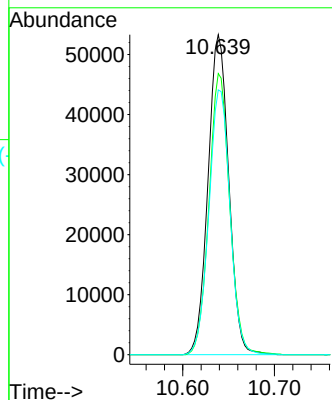
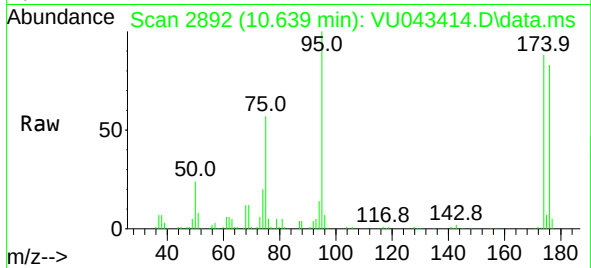




#62
4-Bromofluorobenzene
Concen: 43.78 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043414.D
Acq: 29 Apr 2021 02:52

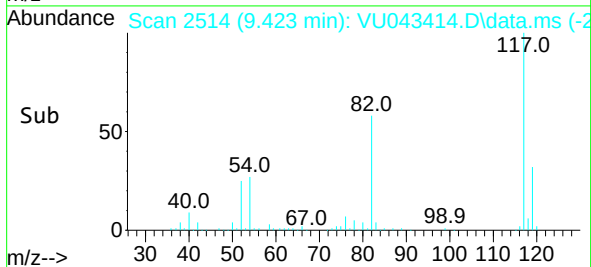
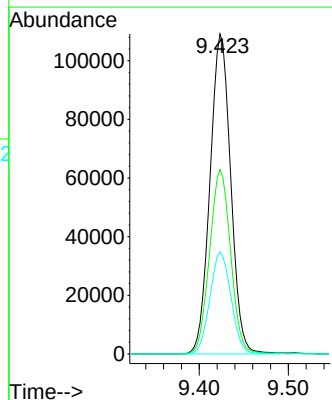
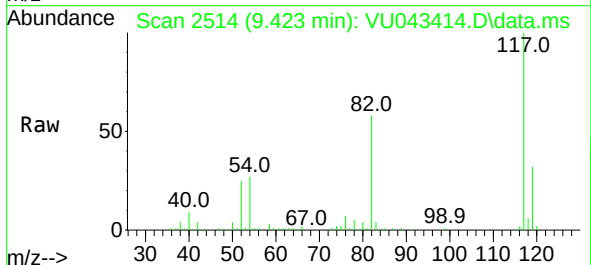
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-DUP-20210427

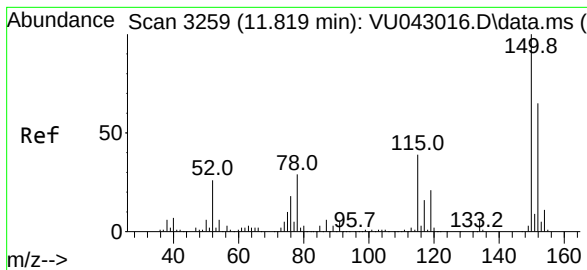
Tgt Ion: 95 Resp: 83799
Ion Ratio Lower Upper
95 100
174 87.7 0.0 172.2
176 84.3 0.0 168.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043414.D
Acq: 29 Apr 2021 02:52

Tgt Ion: 117 Resp: 175970
Ion Ratio Lower Upper
117 100
82 57.6 45.8 68.6
119 32.0 25.8 38.8

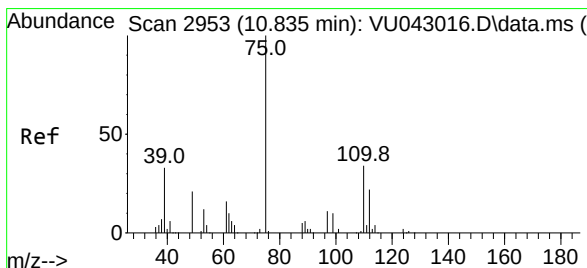
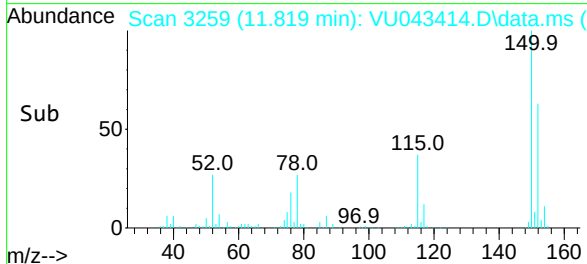
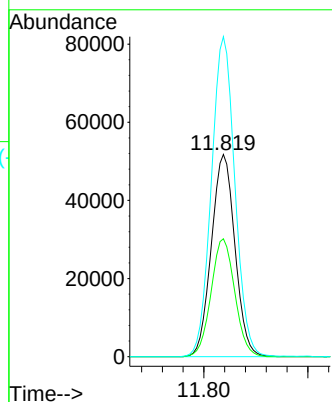
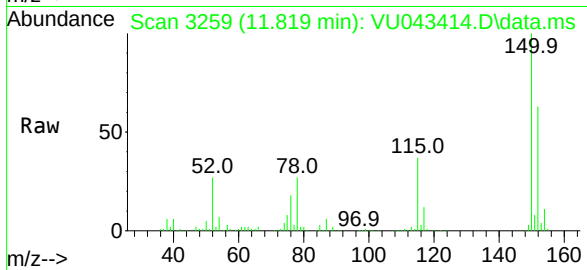




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 11.819 min Scan# 3259
 Delta R.T. -0.000 min
 Lab File: VU043414.D
 Acq: 29 Apr 2021 02:52

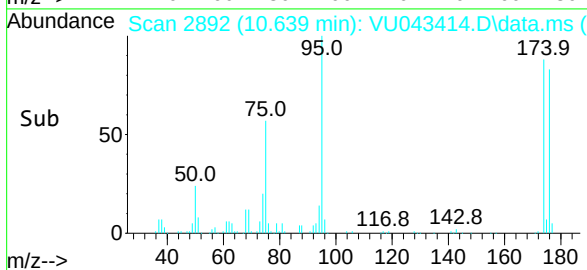
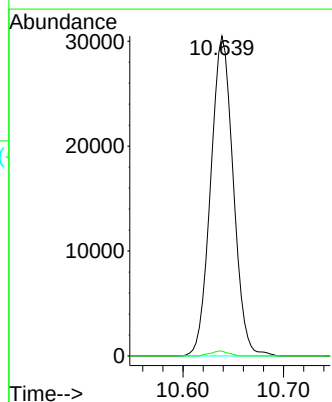
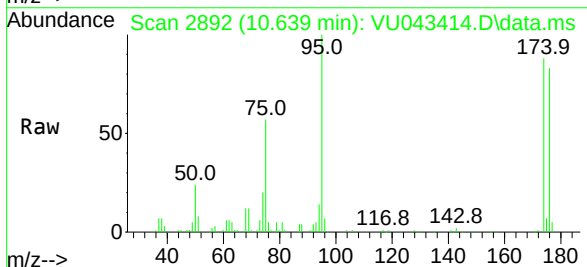
Instrument :
 MSVOA_U
 ClientSampleId :
 BP-VPB-RW8-DUP-20210427

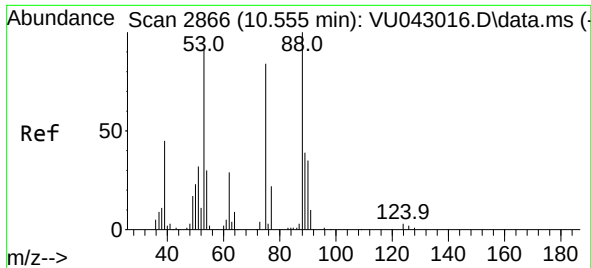
Tgt Ion:152 Resp: 81573
 Ion Ratio Lower Upper
 152 100
 115 58.6 41.5 124.6
 150 157.9 0.0 342.4



#76
 1,2,3-Trichloropropane
 Concen: 19.98 ug/l
 RT: 10.639 min Scan# 2892
 Delta R.T. -0.196 min
 Lab File: VU043414.D
 Acq: 29 Apr 2021 02:52

Tgt Ion: 75 Resp: 47637
 Ion Ratio Lower Upper
 75 100
 77 1.2 20.2 60.5#

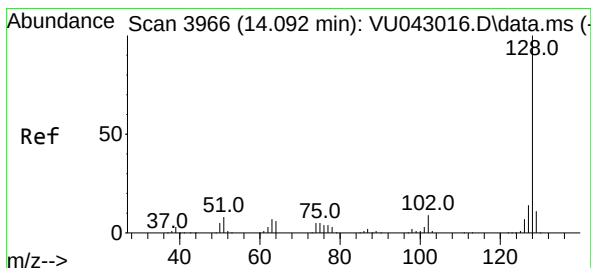
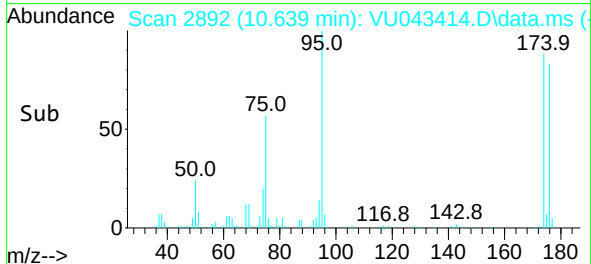
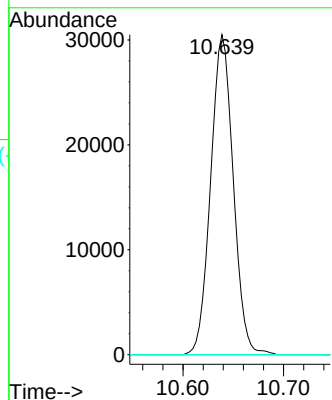
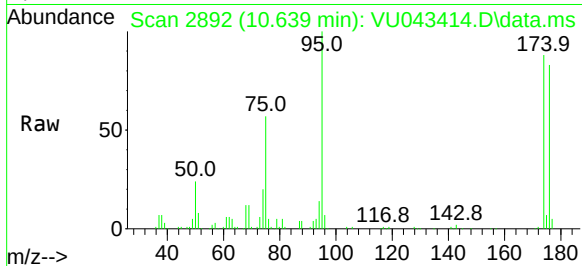




#81
trans-1,4-Dichloro-2-butene
Concen: 58.72 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.084 min
Lab File: VU043414.D
Acq: 29 Apr 2021 02:52

Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-DUP-20210427

Tgt Ion: 75 Resp: 47637
Ion Ratio Lower Upper
75 100
53 0.0 85.6 128.4#
89 0.0 35.7 53.5#



#95
Naphthalene
Concen: 2.77 ug/l
RT: 14.105 min Scan# 3970
Delta R.T. 0.013 min
Lab File: VU043414.D
Acq: 29 Apr 2021 02:52

Tgt Ion:128 Resp: 201
Ion Ratio Lower Upper
128 100
127 0.0 10.8 16.2#
129 0.0 8.6 13.0#

