

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042921\
 Data File : VU043415.D
 Acq On : 29 Apr 2021 03:15
 Operator : SY/MD
 Sample : M2208-09
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BP-VPB-RW8-GW-478-480

Quant Time: Apr 29 09:48:42 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)

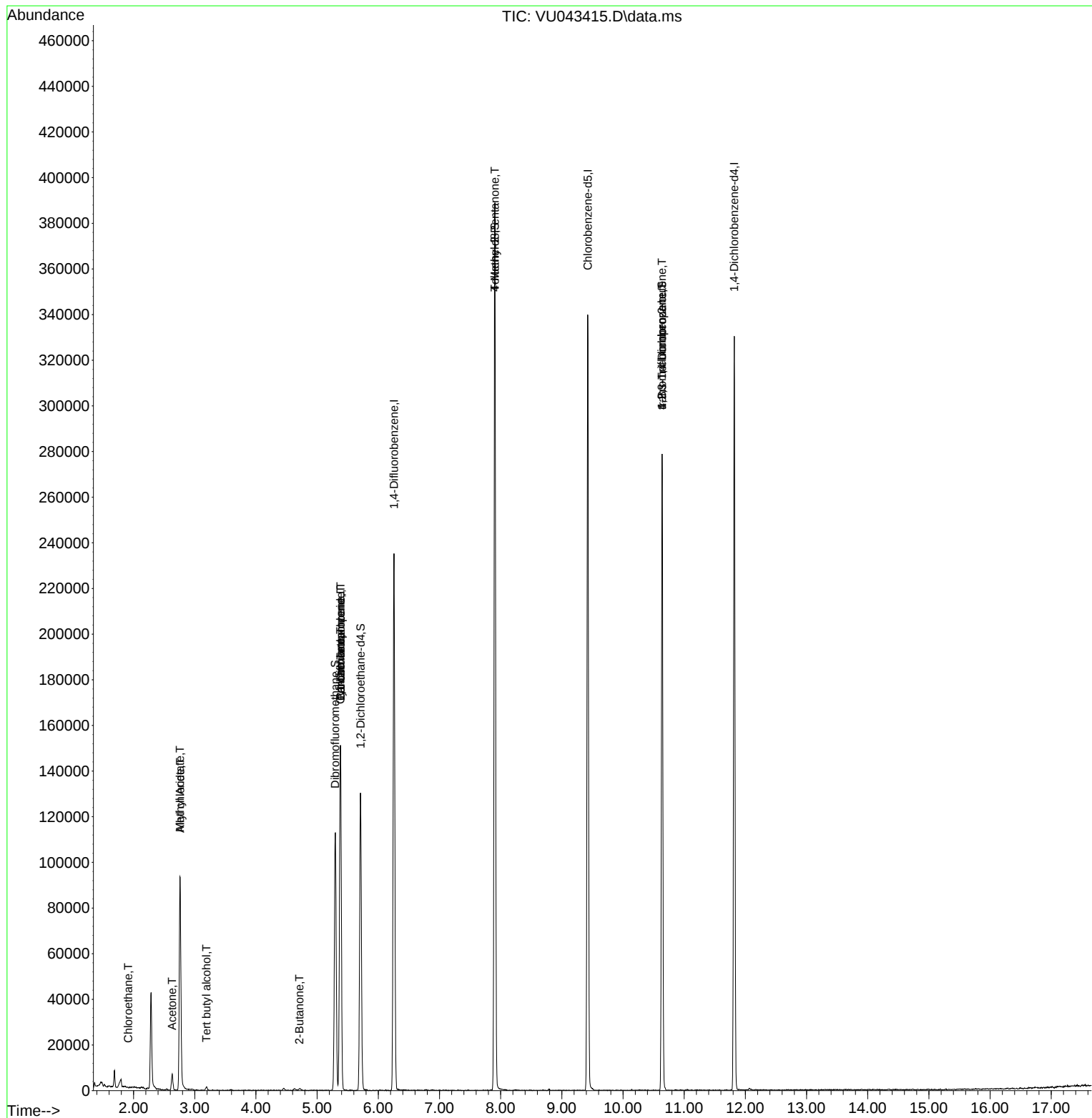
Internal Standards						
1) Pentafluorobenzene	5.382	168	102467	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	171057	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	167920	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	78710	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	97838	56.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.60%	
35) Dibromofluoromethane	5.295	113	70399	54.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.54%	
50) Toluene-d8	7.906	98	234402	51.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.08%	
62) 4-Bromofluorobenzene	10.639	95	80376	44.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.26%	
Target Compounds						
						Qvalue
3) Chloromethane	1.523	50	834	Below Cal		98
6) Chloroethane	1.913	64	440	0.51 ug/l #		42
11) Tert butyl alcohol	3.192	59	946	2.13 ug/l #		94
14) Allyl chloride	2.761	41	10005	4.30 ug/l #		67
16) Acetone	2.630	43	8147	7.74 ug/l		99
18) Methyl Acetate	2.758	43	26459	12.29 ug/l #		55
25) 2-Butanone	4.710	43	1382	0.88 ug/l		94
31) Cyclohexane	5.379	56	2667	1.26 ug/l #		7
36) 1,1-Dichloropropene	5.382	75	9380	5.17 ug/l #		49
38) Carbon Tetrachloride	5.382	117	10654	5.48 ug/l #		18
51) 4-Methyl-2-Pentanone	7.906	43	1309	0.40 ug/l #		1
76) 1,2,3-Trichloropropane	10.639	75	46797	20.35 ug/l #		36
81) trans-1,4-Dichloro-2-b...	10.639	75	46797	59.79 ug/l #		7

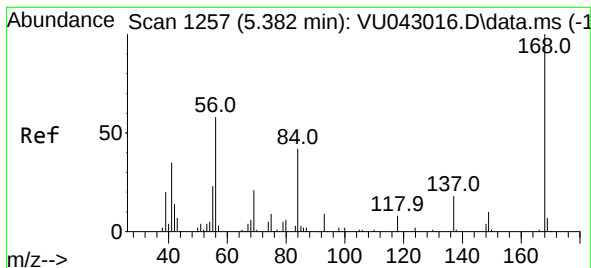
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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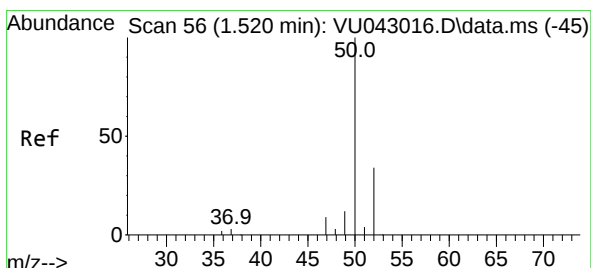
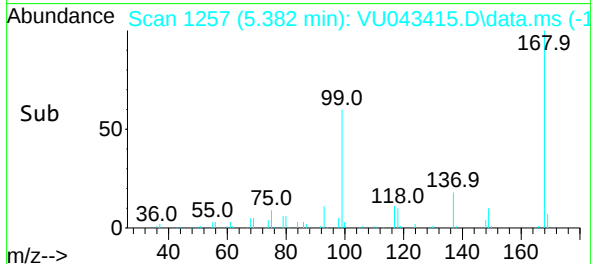
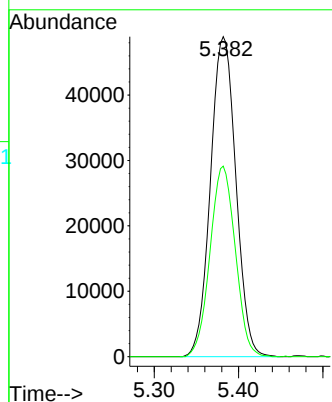
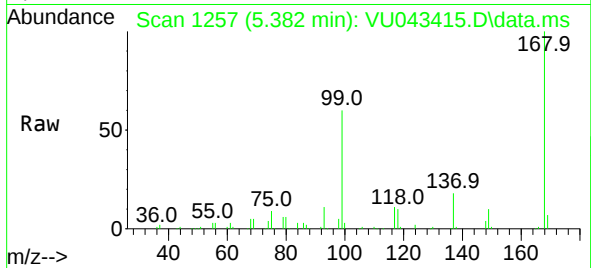




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043415.D
Acq: 29 Apr 2021 03:15

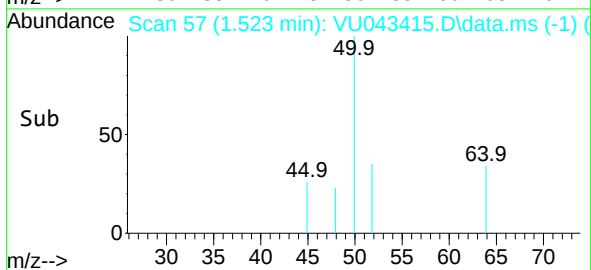
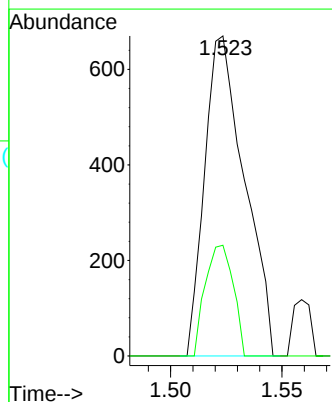
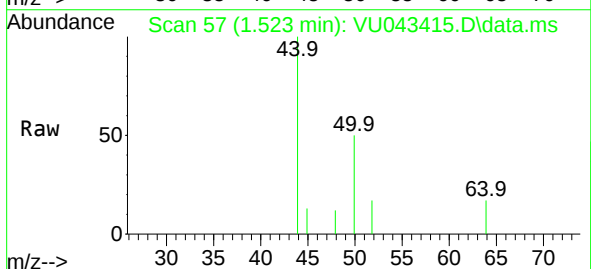
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-GW-478-480

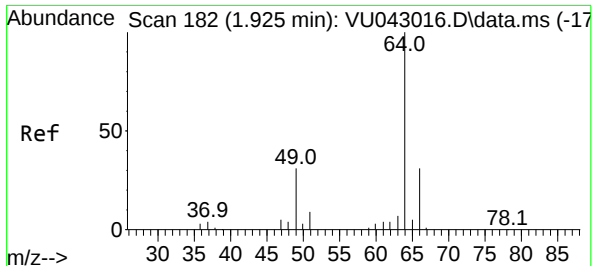
Tgt Ion:168 Resp: 102467
Ion Ratio Lower Upper
168 100
99 59.6 45.0 67.4



#3
Chloromethane
Concen: Below Cal
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU043415.D
Acq: 29 Apr 2021 03:15

Tgt Ion: 50 Resp: 834
Ion Ratio Lower Upper
50 100
52 34.6 26.6 40.0

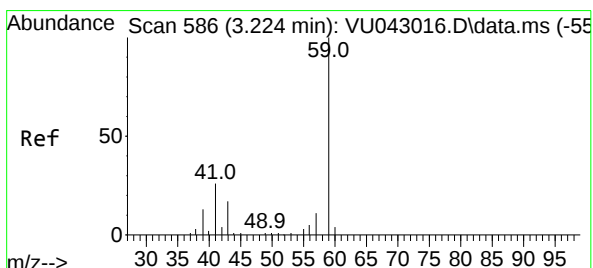
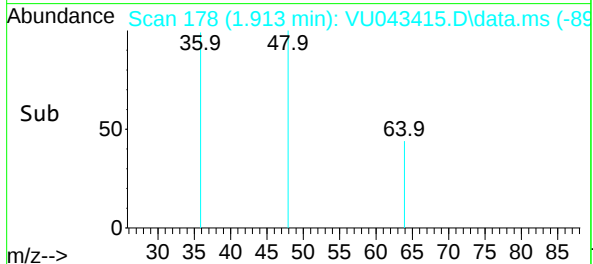
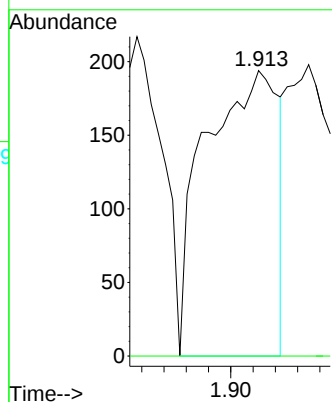
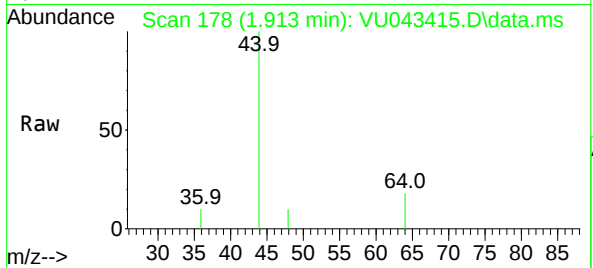




#6
Chloroethane
Concen: 0.51 ug/l
RT: 1.913 min Scan# 178
Delta R.T. -0.012 min
Lab File: VU043415.D
Acq: 29 Apr 2021 03:15

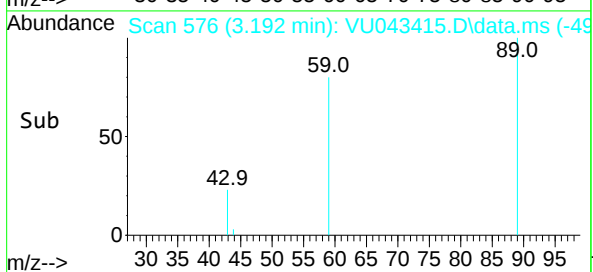
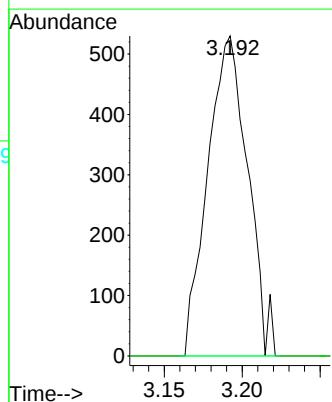
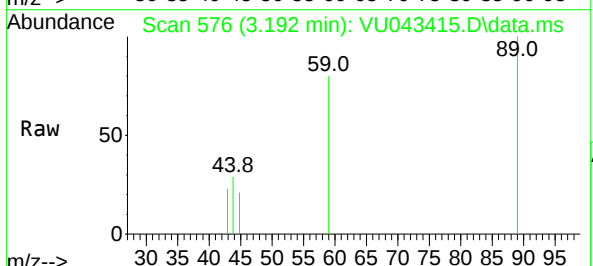
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-GW-478-480

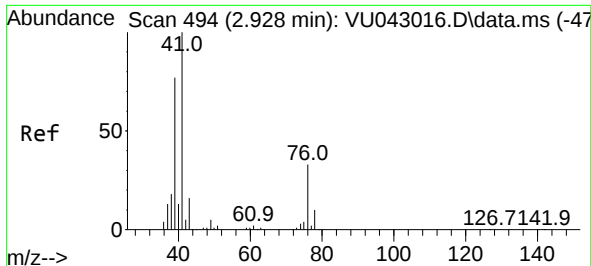
Tgt Ion: 64 Resp: 440
Ion Ratio Lower Upper
64 100
66 0.0 26.4 39.6#



#11
Tert butyl alcohol
Concen: 2.13 ug/l
RT: 3.192 min Scan# 576
Delta R.T. -0.032 min
Lab File: VU043415.D
Acq: 29 Apr 2021 03:15

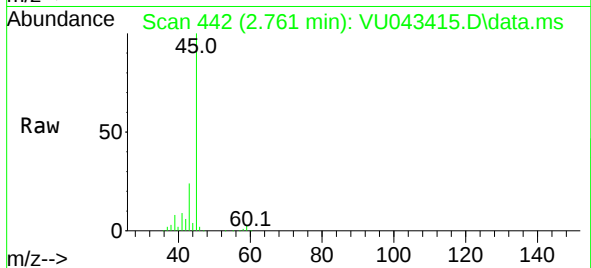
Tgt Ion: 59 Resp: 946
Ion Ratio Lower Upper
59 100
57 0.0 1.6 2.4#



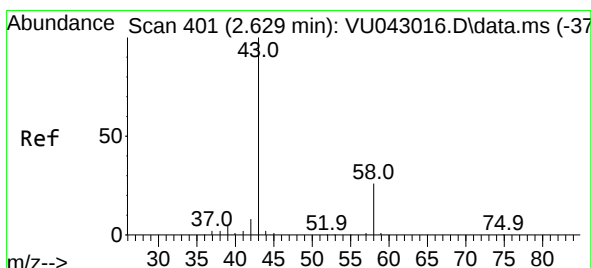
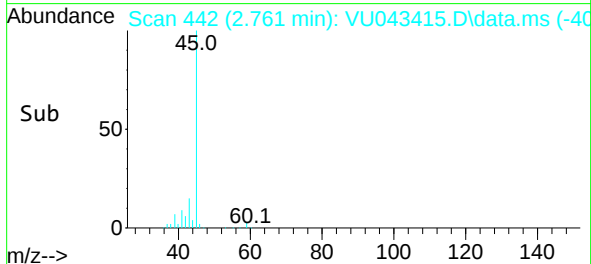
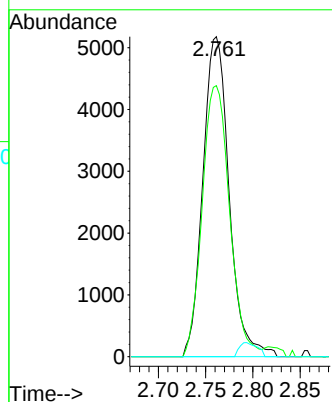


#14
 Allyl chloride
 Concen: 4.30 ug/l
 RT: 2.761 min Scan# 442
 Delta R.T. -0.167 min
 Lab File: VU043415.D
 Acq: 29 Apr 2021 03:15

Instrument :
 MSVOA_U
 ClientSampleId :
 BP-VPB-RW8-GW-478-480

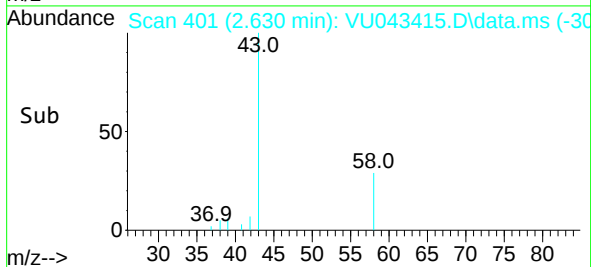
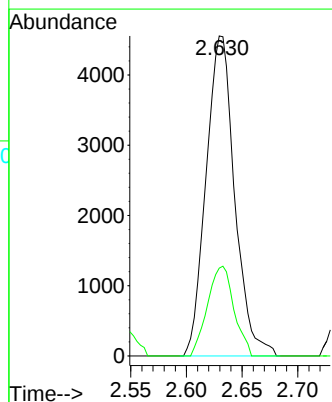
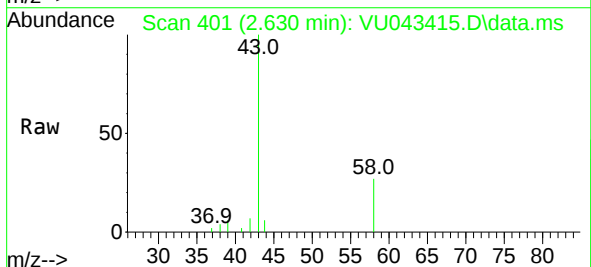


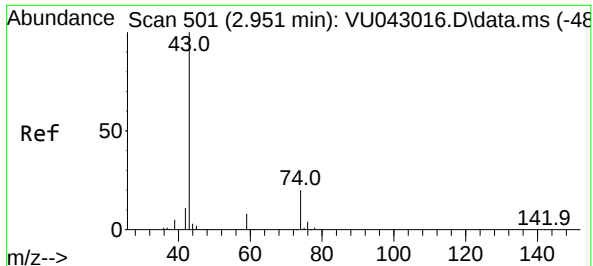
Tgt Ion: 41 Resp: 10005
 Ion Ratio Lower Upper
 41 100
 39 88.4 54.9 82.3#
 76 0.0 22.5 33.7#



#16
 Acetone
 Concen: 7.74 ug/l
 RT: 2.630 min Scan# 401
 Delta R.T. 0.001 min
 Lab File: VU043415.D
 Acq: 29 Apr 2021 03:15

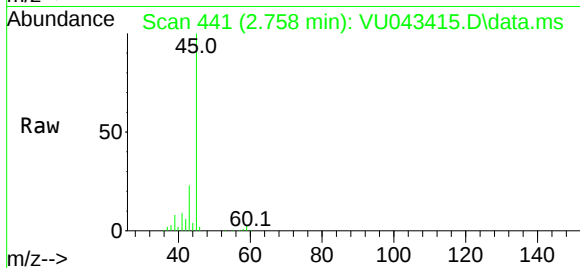
Tgt Ion: 43 Resp: 8147
 Ion Ratio Lower Upper
 43 100
 58 27.4 21.5 32.3



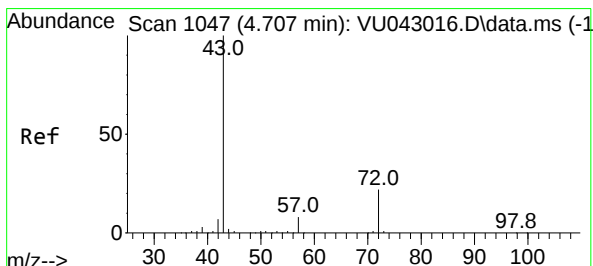
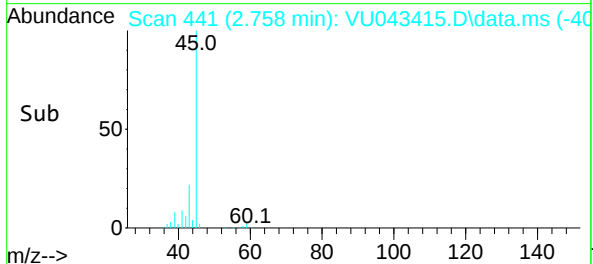
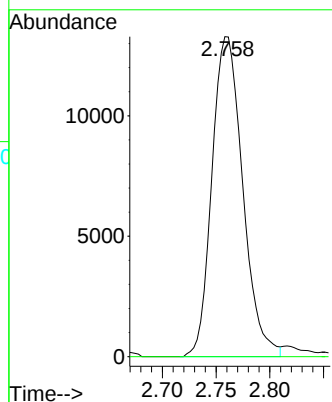


#18
Methyl Acetate
Concen: 12.29 ug/l
RT: 2.758 min Scan# 441
Delta R.T. -0.193 min
Lab File: VU043415.D
Acq: 29 Apr 2021 03:15

Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-GW-478-480

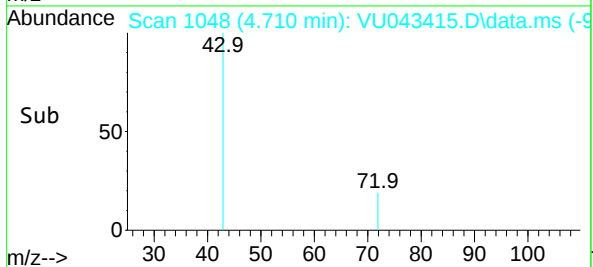
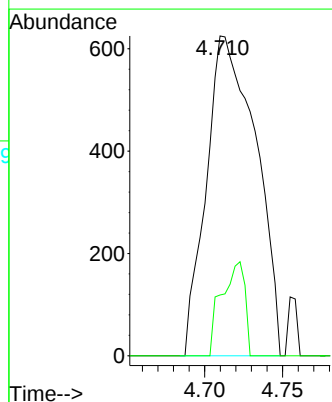
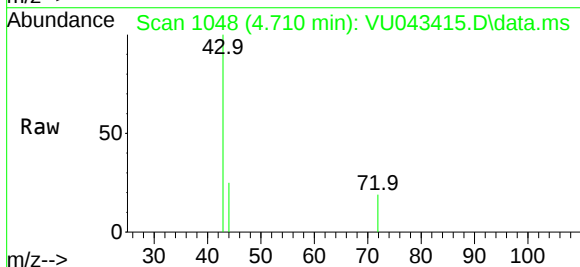


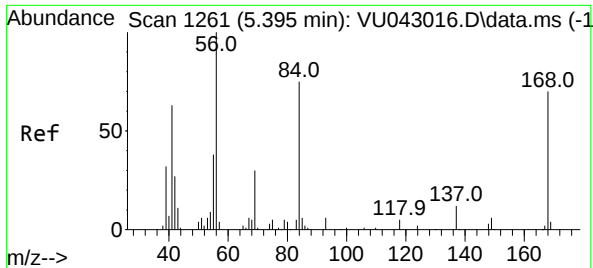
Tgt Ion: 43 Resp: 26459
Ion Ratio Lower Upper
43 100
74 0.0 16.6 25.0#



#25
2-Butanone
Concen: 0.88 ug/l
RT: 4.710 min Scan# 1048
Delta R.T. 0.003 min
Lab File: VU043415.D
Acq: 29 Apr 2021 03:15

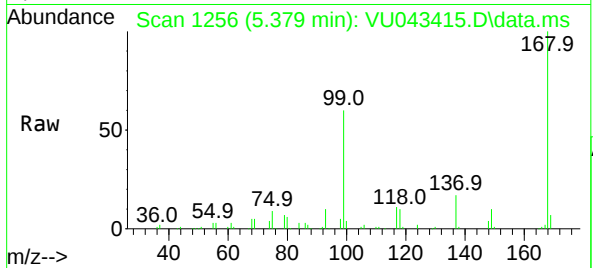
Tgt Ion: 43 Resp: 1382
Ion Ratio Lower Upper
43 100
72 19.0 17.4 26.0



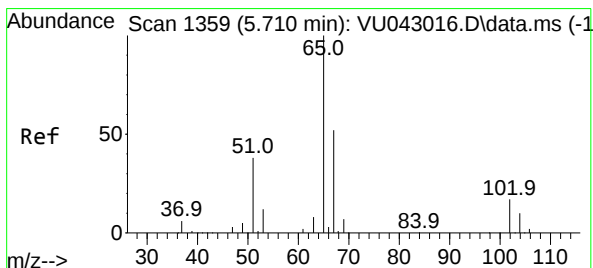
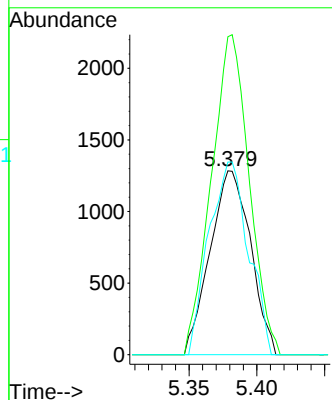
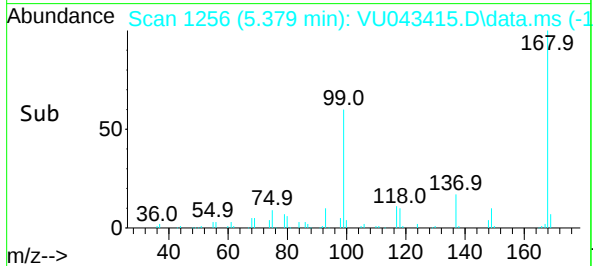


#31
Cyclohexane
Concen: 1.26 ug/l
RT: 5.379 min Scan# 1256
Delta R.T. -0.016 min
Lab File: VU043415.D
Acq: 29 Apr 2021 03:15

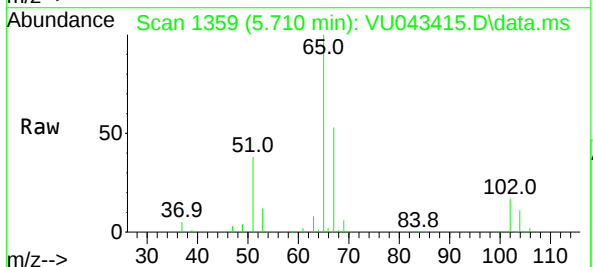
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-GW-478-480



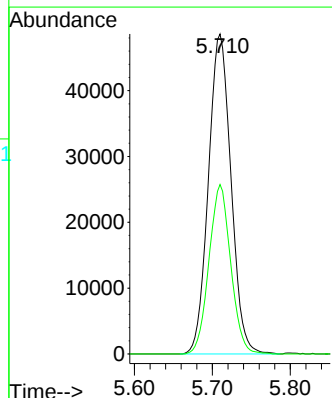
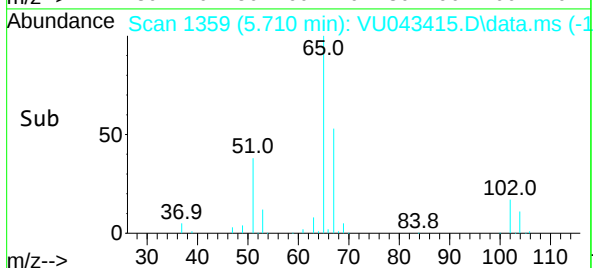
Tgt Ion: 56 Resp: 2667
Ion Ratio Lower Upper
56 100
69 172.9 24.9 37.3#
84 104.8 63.7 95.5#

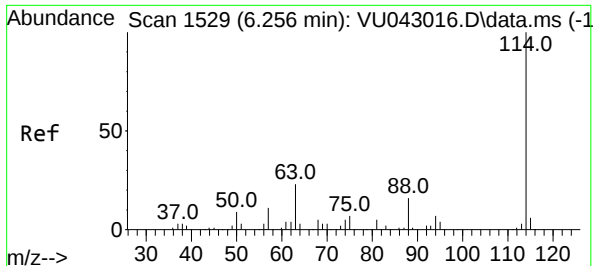


#33
1,2-Dichloroethane-d4
Concen: 56.80 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VU043415.D
Acq: 29 Apr 2021 03:15



Tgt Ion: 65 Resp: 97838
Ion Ratio Lower Upper
65 100
67 50.9 0.0 99.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.256 min Scan# 1529

Delta R.T. 0.000 min

Lab File: VU043415.D

Acq: 29 Apr 2021 03:15

Tgt Ion:114 Resp: 171057

Ion Ratio Lower Upper

114 100

63 23.2 0.0 44.2

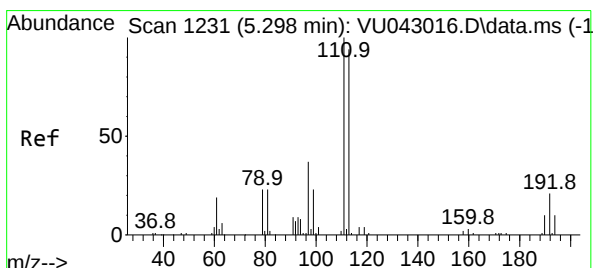
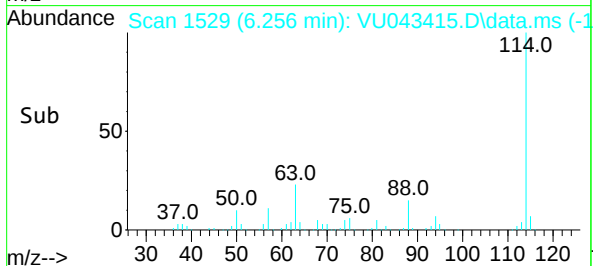
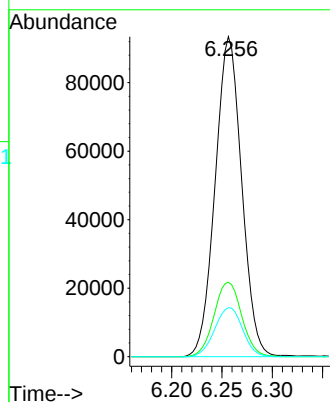
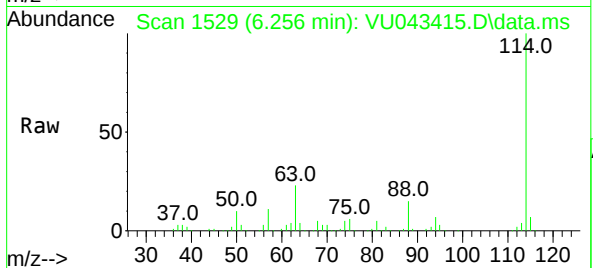
88 15.3 0.0 33.4

Instrument :

MSVOA_U

ClientSampleId :

BP-VPB-RW8-GW-478-480



#35

Dibromofluoromethane

Concen: 54.77 ug/l

RT: 5.295 min Scan# 1230

Delta R.T. -0.003 min

Lab File: VU043415.D

Acq: 29 Apr 2021 03:15

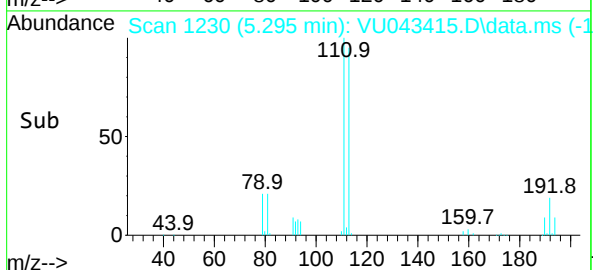
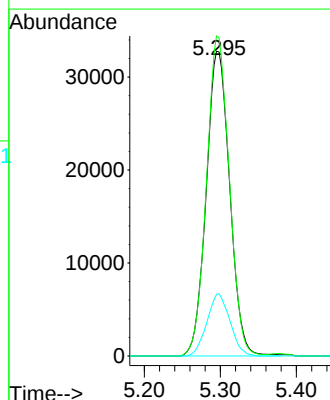
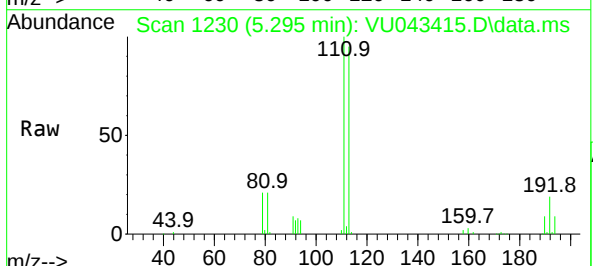
Tgt Ion:113 Resp: 70399

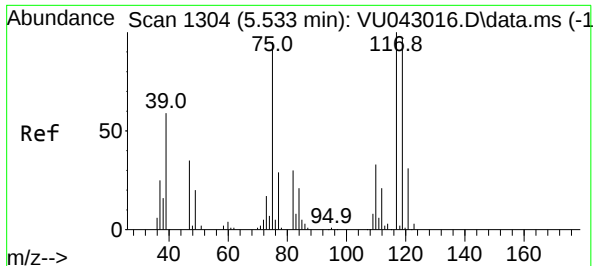
Ion Ratio Lower Upper

113 100

111 102.0 81.8 122.8

192 19.9 17.2 25.8





#36

1,1-Dichloropropene

Concen: 5.17 ug/l

RT: 5.382 min Scan# 1257

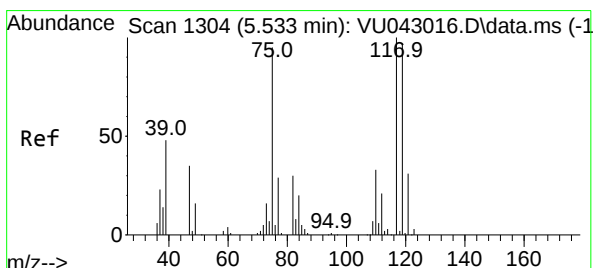
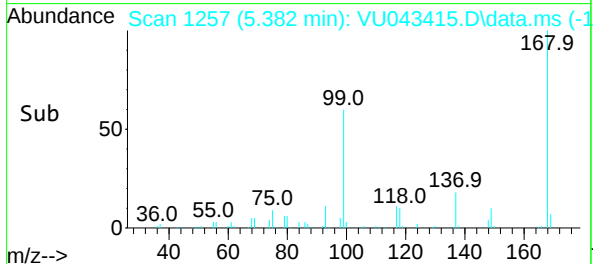
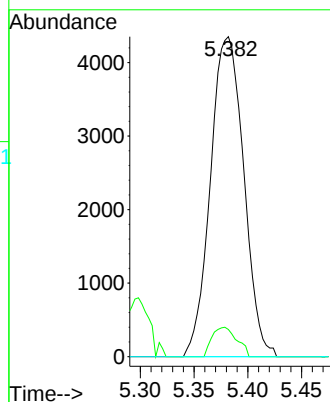
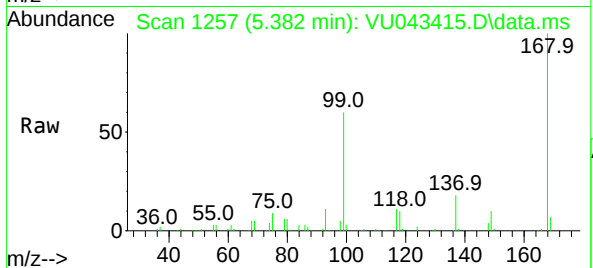
Delta R.T. -0.151 min

Lab File: VU043415.D

Acq: 29 Apr 2021 03:15

Tgt Ion:	75	Resp:	9380
Ion	Ratio	Lower	Upper
75	100		
110	6.8	16.8	50.3#
77	0.0	24.8	37.2#

Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-GW-478-480



#38

Carbon Tetrachloride

Concen: 5.48 ug/l

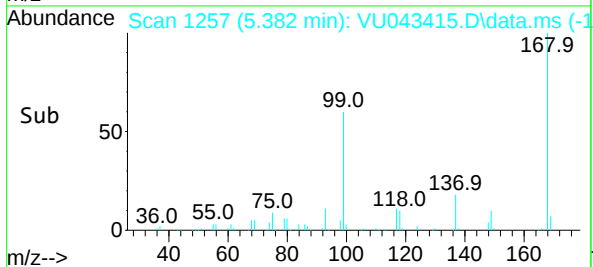
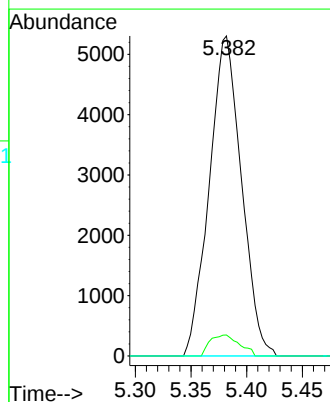
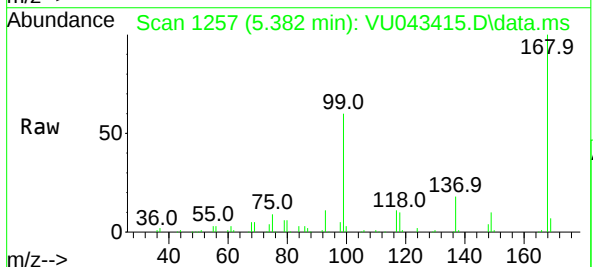
RT: 5.382 min Scan# 1257

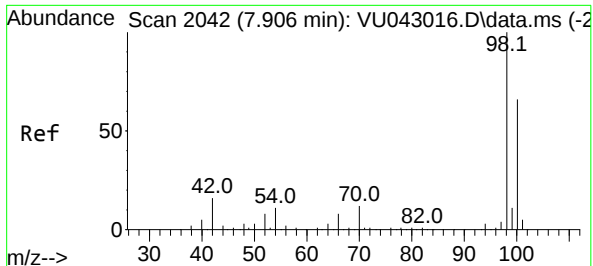
Delta R.T. -0.151 min

Lab File: VU043415.D

Acq: 29 Apr 2021 03:15

Tgt Ion:	117	Resp:	10654
Ion	Ratio	Lower	Upper
117	100		
119	6.6	75.5	113.3#
121	0.0	24.7	37.1#

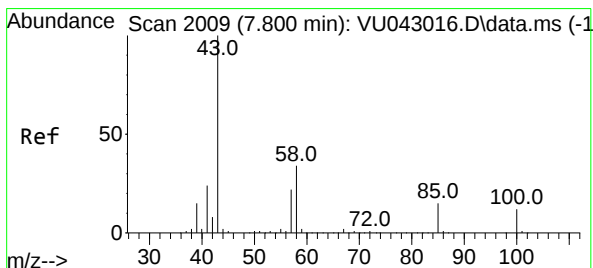
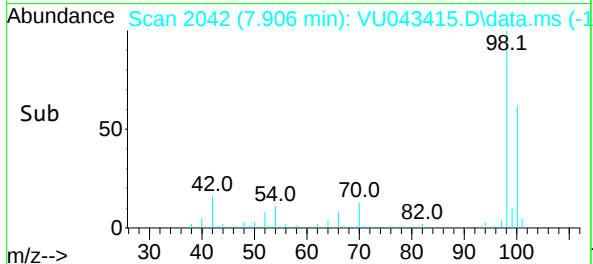
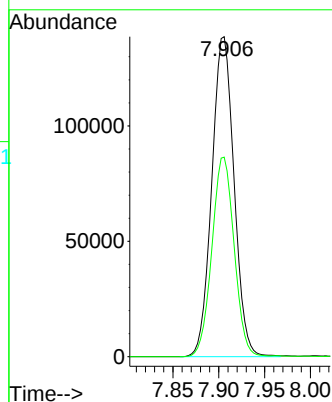
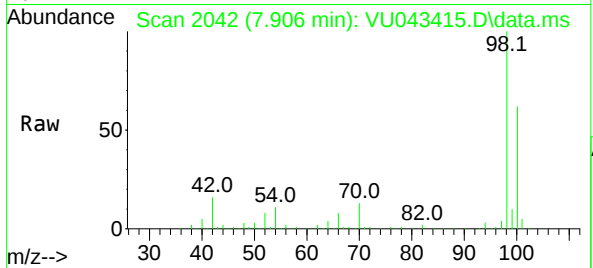




#50
Toluene-d8
Concen: 51.54 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU043415.D
Acq: 29 Apr 2021 03:15

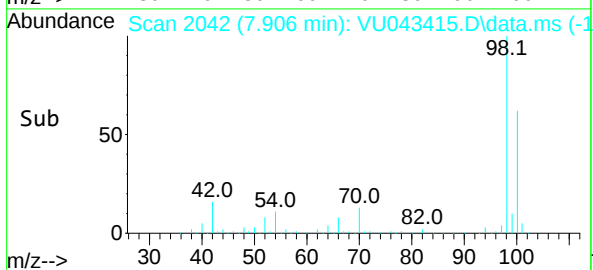
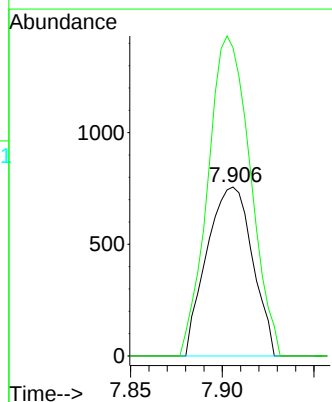
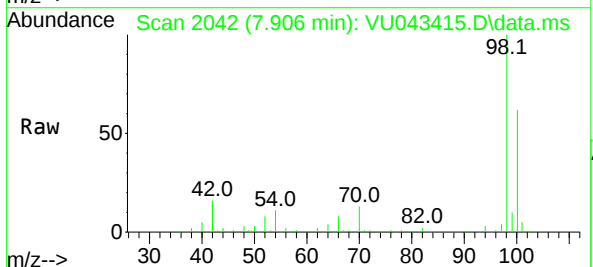
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-GW-478-480

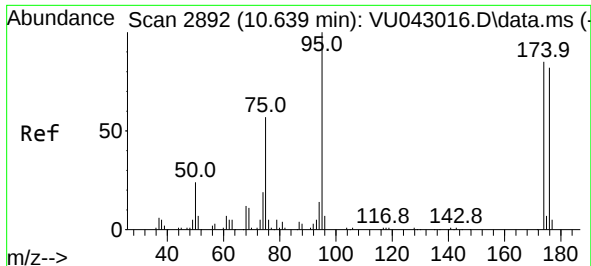
Tgt Ion: 98 Resp: 234402
Ion Ratio Lower Upper
98 100
100 62.3 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 0.40 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. 0.106 min
Lab File: VU043415.D
Acq: 29 Apr 2021 03:15

Tgt Ion: 43 Resp: 1309
Ion Ratio Lower Upper
43 100
58 175.6 28.1 42.1#

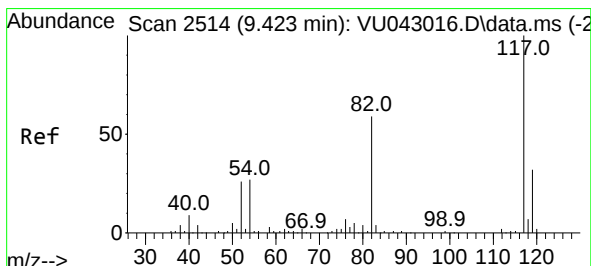
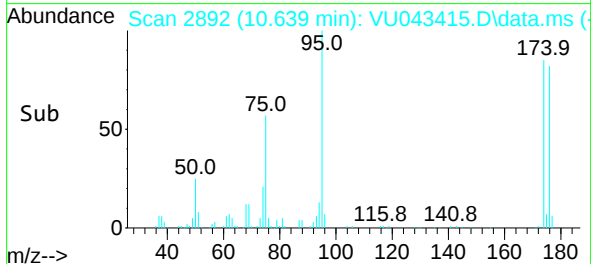
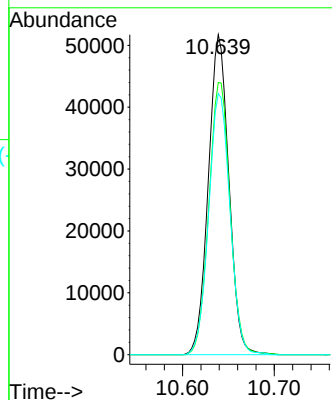
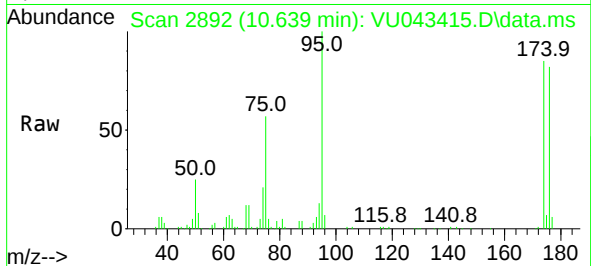




#62
4-Bromofluorobenzene
Concen: 44.13 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043415.D
Acq: 29 Apr 2021 03:15

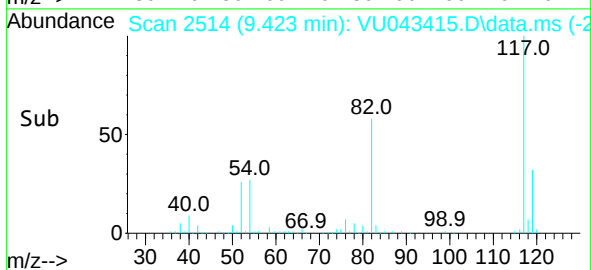
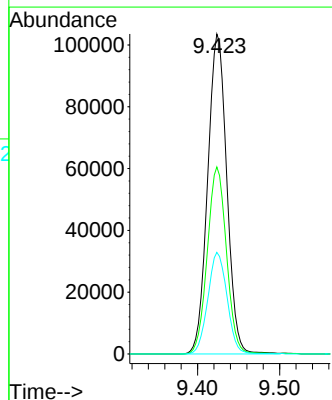
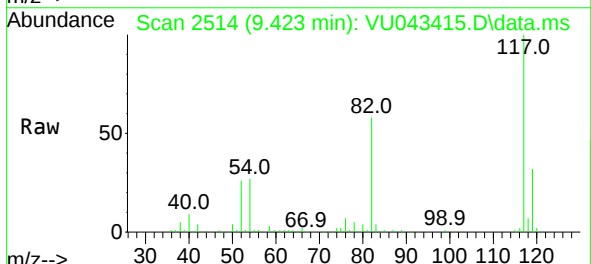
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW8-GW-478-480

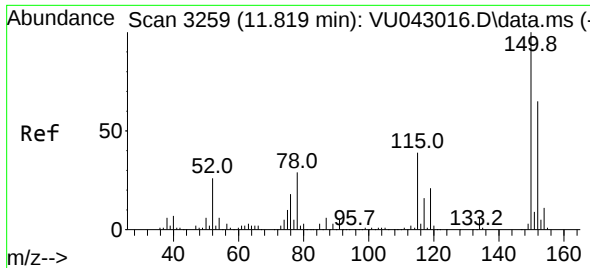
Tgt Ion: 95 Resp: 80376
Ion Ratio Lower Upper
95 100
174 88.0 0.0 172.2
176 84.5 0.0 168.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043415.D
Acq: 29 Apr 2021 03:15

Tgt Ion: 117 Resp: 167920
Ion Ratio Lower Upper
117 100
82 58.5 45.8 68.6
119 31.8 25.8 38.8

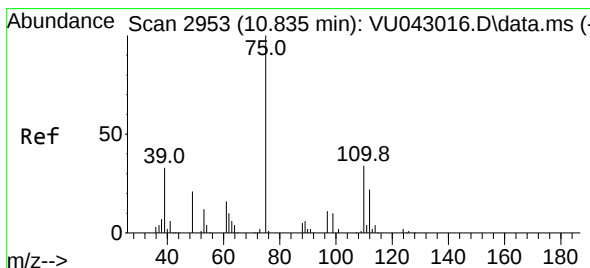
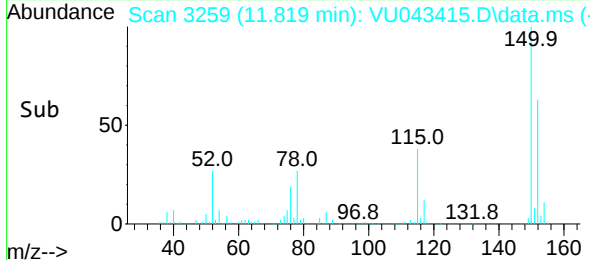
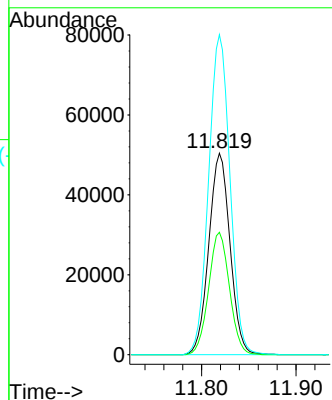
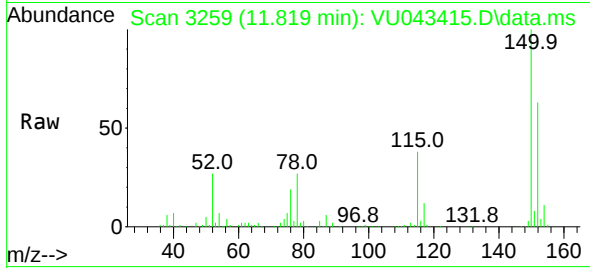




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 11.819 min Scan# 3259
 Delta R.T. -0.000 min
 Lab File: VU043415.D
 Acq: 29 Apr 2021 03:15

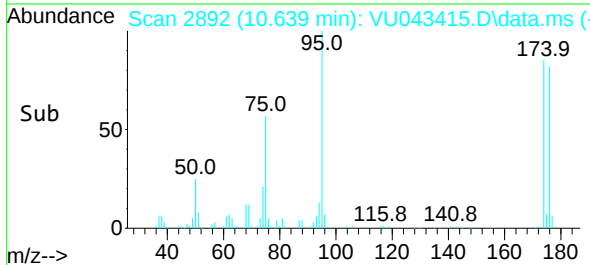
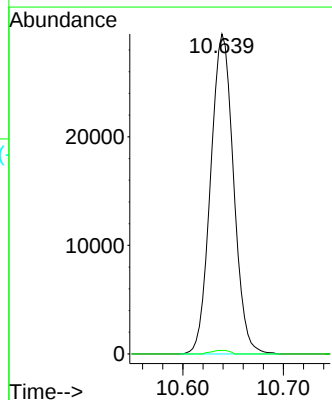
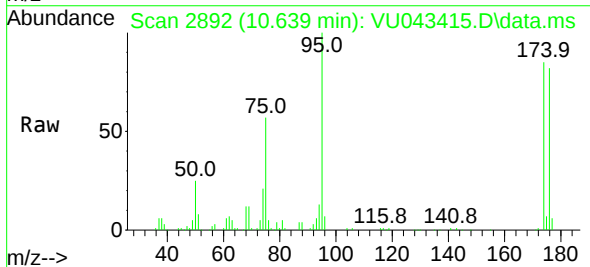
Instrument :
 MSVOA_U
 ClientSampleId :
 BP-VPB-RW8-GW-478-480

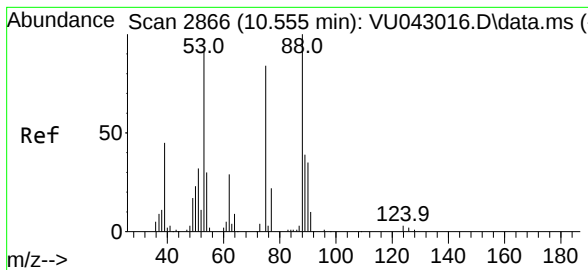
Tgt Ion:152 Resp: 78710
 Ion Ratio Lower Upper
 152 100
 115 59.6 41.5 124.6
 150 159.4 0.0 342.4



#76
 1,2,3-Trichloropropane
 Concen: 20.35 ug/l
 RT: 10.639 min Scan# 2892
 Delta R.T. -0.196 min
 Lab File: VU043415.D
 Acq: 29 Apr 2021 03:15

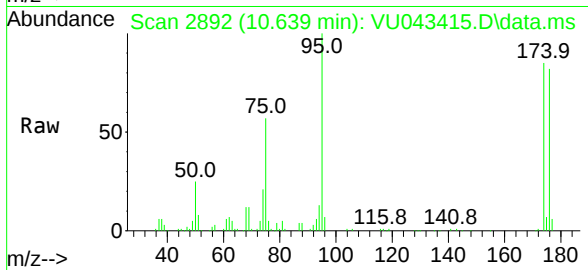
Tgt Ion: 75 Resp: 46797
 Ion Ratio Lower Upper
 75 100
 77 0.9 20.2 60.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 59.79 ug/l
 RT: 10.639 min Scan# 2892
 Delta R.T. 0.084 min
 Lab File: VU043415.D
 Acq: 29 Apr 2021 03:15

Instrument :
 MSVOA_U
 ClientSampleId :
 BP-VPB-RW8-GW-478-480



Tgt Ion: 75 Resp: 46797
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.6 128.4#
 89 0.0 35.7 53.5#

