

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102221\
 Data File : VU045365.D
 Acq On : 22 Oct 2021 15:24
 Operator : SY/MD
 Sample : M4315-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MH-D-D

Quant Time: Oct 23 01:12:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 12:32:13 2021
 Response via : Initial Calibration

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

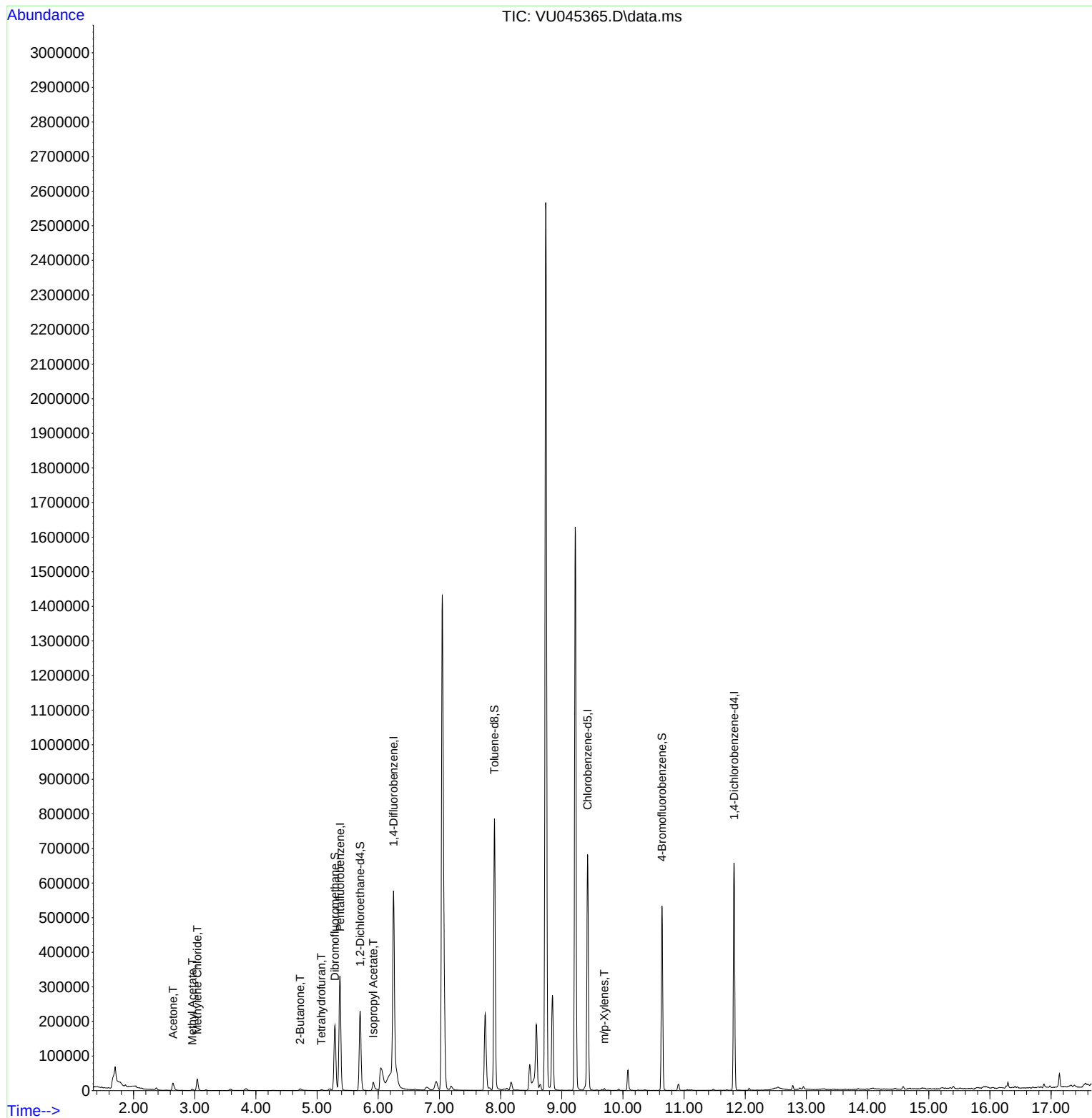
Internal Standards						
1) Pentafluorobenzene	5.375	168	221904	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	417499	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	382381	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	161729	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	173646	47.009	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.020%		
35) Dibromofluoromethane	5.292	113	127279	48.327	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.660%		
50) Toluene-d8	7.899	98	516350	49.619	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.240%		
62) 4-Bromofluorobenzene	10.639	95	185248	43.118	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	86.240%		
Target Compounds						Qvalue
16) Acetone	2.646	43	32786	14.953	ug/l	95
18) Methyl Acetate	2.961	43	5655	0.882	ug/l	93
20) Methylene Chloride	3.041	84	16460	4.984	ug/l	95
25) 2-Butanone	4.723	43	10176	3.267	ug/l	99
29) Tetrahydrofuran	5.070	42	1634	0.881	ug/l	96
43) Isopropyl Acetate	5.919	43	31504	3.625	ug/l	98
68) m/p-Xylenes	9.697	106	1541	0.269	ug/l	87

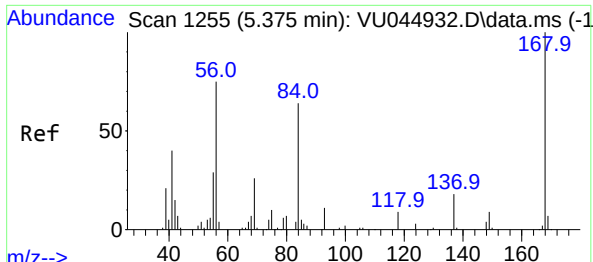
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_U
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Quant Time: Oct 23 01:12:37 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 28 12:32:13 2021
Response via : Initial Calibration

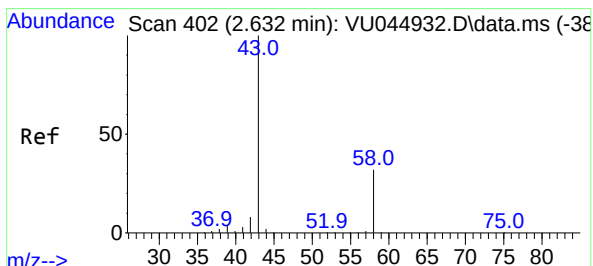
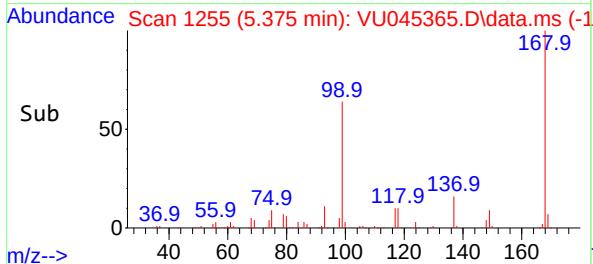
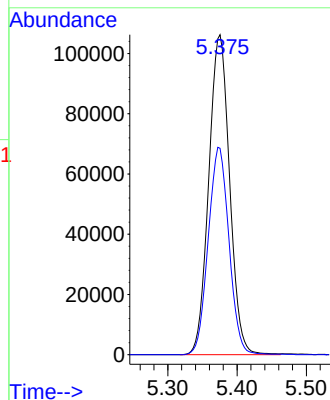
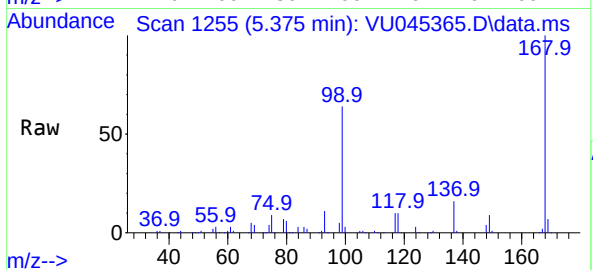




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. 0.000 min
Lab File: VU045365.D
Acq: 22 Oct 2021 15:24

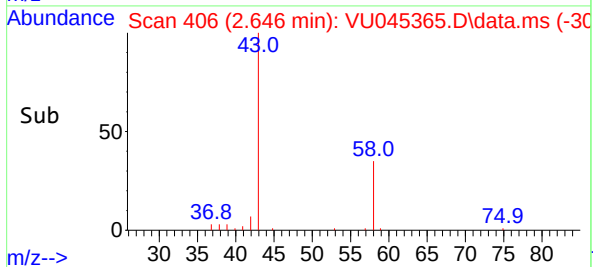
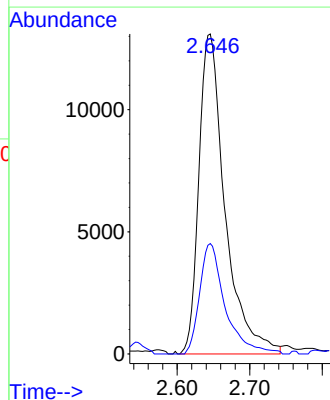
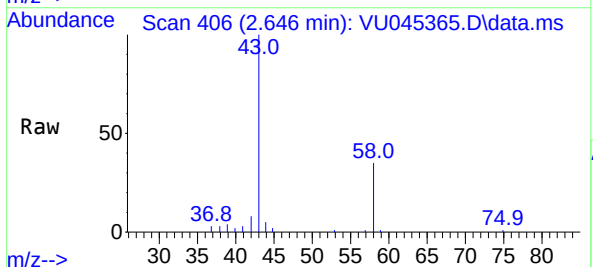
Instrument :
MSVOA_U
ClientSampleId :
MH-D-D

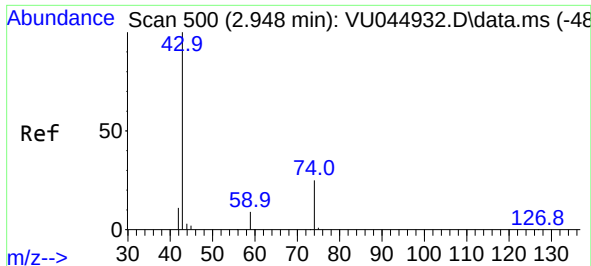
Tgt Ion:168 Resp: 221904
Ion Ratio Lower Upper
168 100
99 64.5 51.4 77.0



#16
Acetone
Concen: 14.953 ug/l
RT: 2.646 min Scan# 406
Delta R.T. 0.014 min
Lab File: VU045365.D
Acq: 22 Oct 2021 15:24

Tgt Ion: 43 Resp: 32786
Ion Ratio Lower Upper
43 100
58 34.5 25.2 37.8

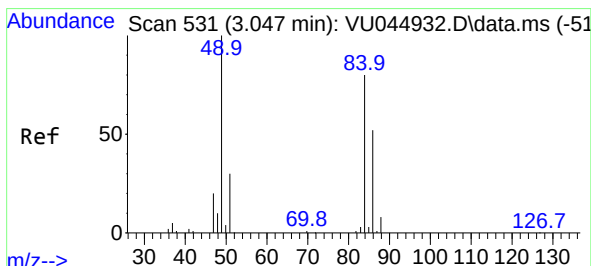
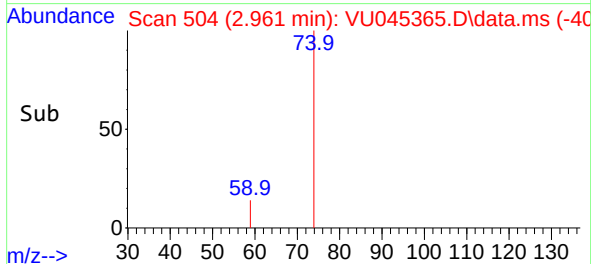
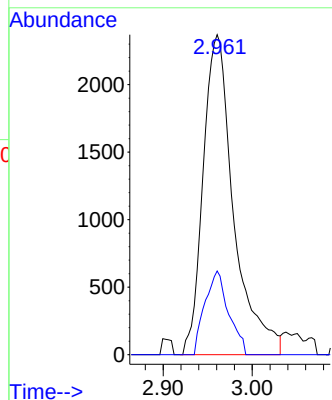
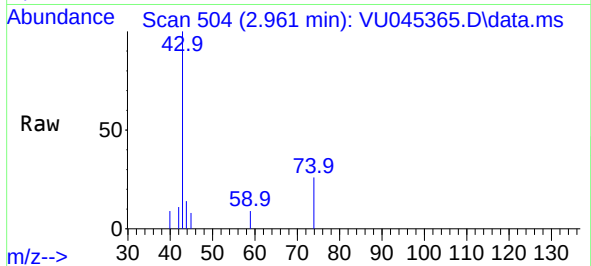




#18
Methyl Acetate
Concen: 0.882 ug/l
RT: 2.961 min Scan# 504
Delta R.T. 0.013 min
Lab File: VU045365.D
Acq: 22 Oct 2021 15:24

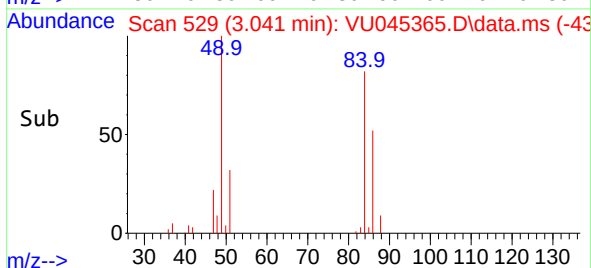
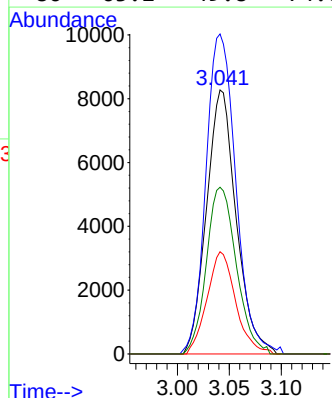
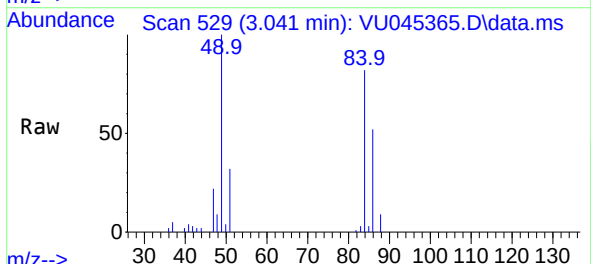
Instrument :
MSVOA_U
ClientSampled :
MH-D-D

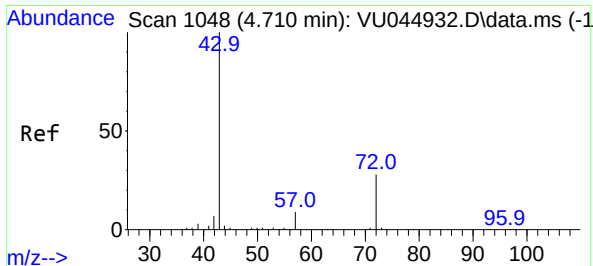
Tgt Ion: 43 Resp: 5655
Ion Ratio Lower Upper
43 100
74 20.2 19.0 28.6



#20
Methylene Chloride
Concen: 4.984 ug/l
RT: 3.041 min Scan# 529
Delta R.T. -0.006 min
Lab File: VU045365.D
Acq: 22 Oct 2021 15:24

Tgt Ion: 84 Resp: 16460
Ion Ratio Lower Upper
84 100
49 121.2 104.9 157.3
51 38.7 31.8 47.8
86 63.2 49.8 74.6

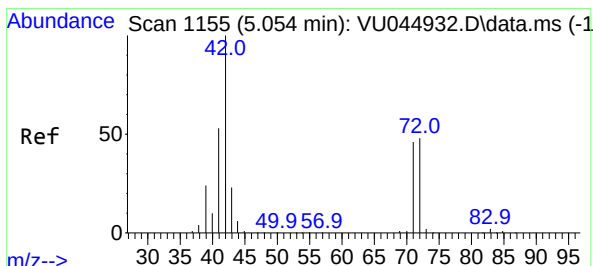
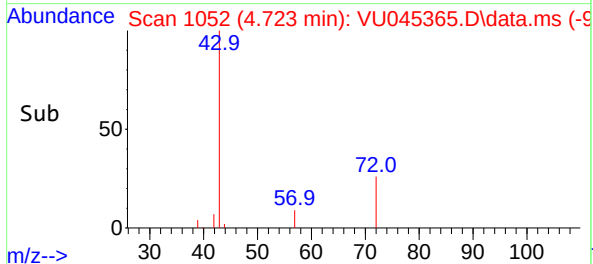
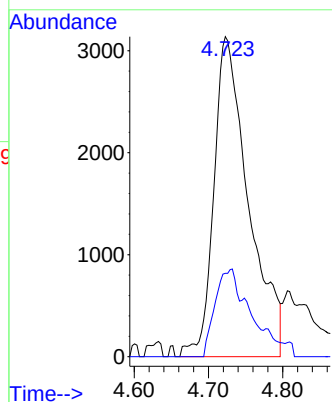
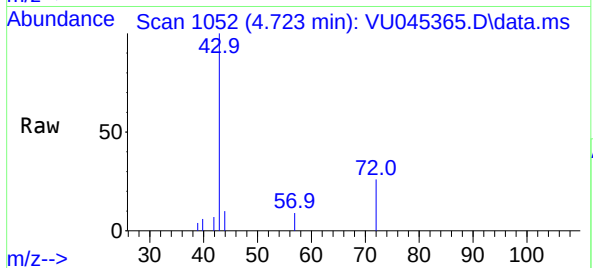




#25
2-Butanone
Concen: 3.267 ug/l
RT: 4.723 min Scan# 1052
Delta R.T. 0.013 min
Lab File: VU045365.D
Acq: 22 Oct 2021 15:24

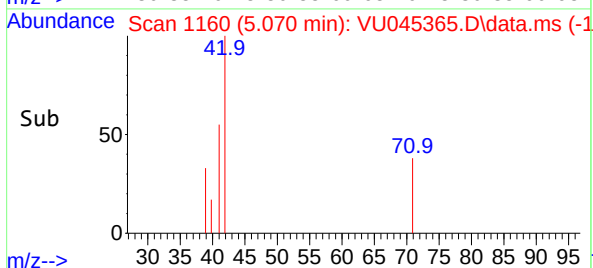
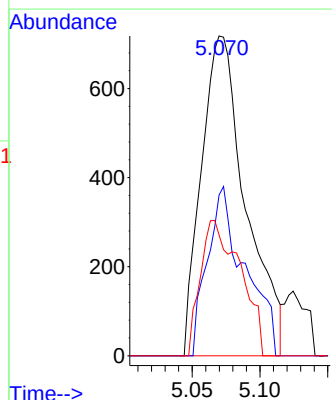
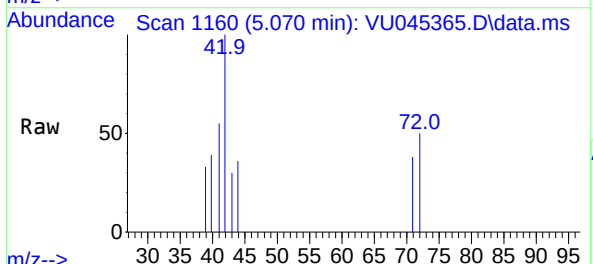
Instrument :
MSVOA_U
ClientSampled :
MH-D-D

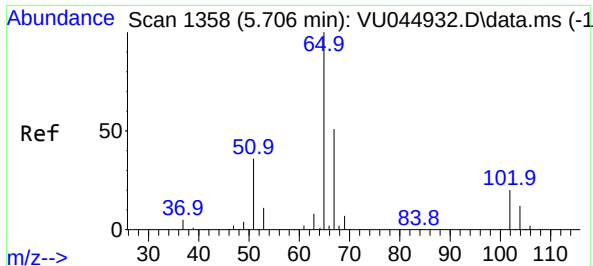
Tgt Ion: 43 Resp: 10176
Ion Ratio Lower Upper
43 100
72 26.1 21.3 31.9



#29
Tetrahydrofuran
Concen: 0.881 ug/l
RT: 5.070 min Scan# 1160
Delta R.T. 0.016 min
Lab File: VU045365.D
Acq: 22 Oct 2021 15:24

Tgt Ion: 42 Resp: 1634
Ion Ratio Lower Upper
42 100
72 44.6 36.2 54.4
71 38.1 34.1 51.1



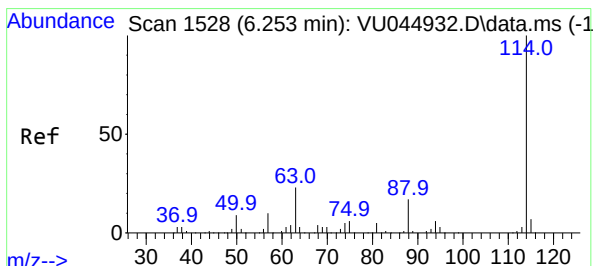
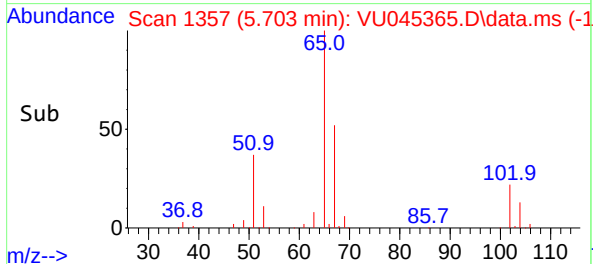
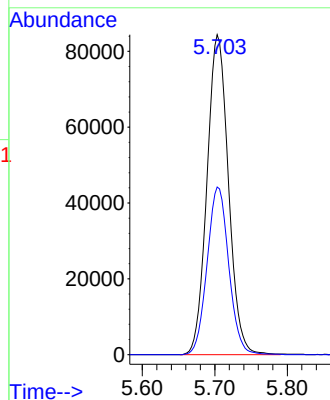
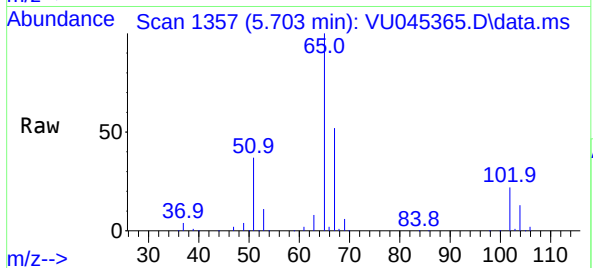


#33

1,2-Dichloroethane-d4
Concen: 47.009 ug/l
RT: 5.703 min Scan# 1357
Delta R.T. -0.003 min
Lab File: VU045365.D
Acq: 22 Oct 2021 15:24

Instrument :
MSVOA_U
ClientSampleId :
MH-D-D

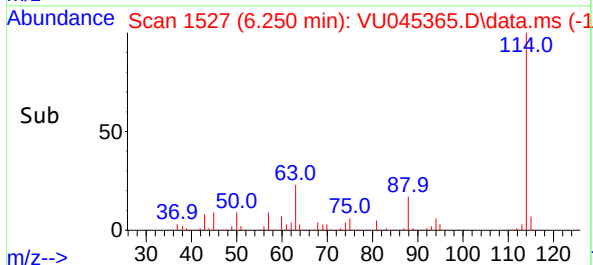
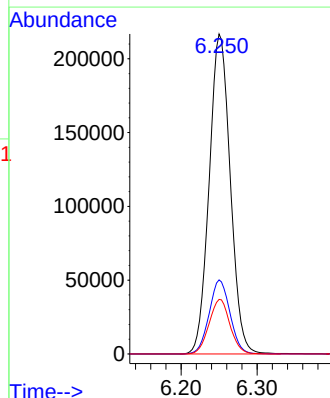
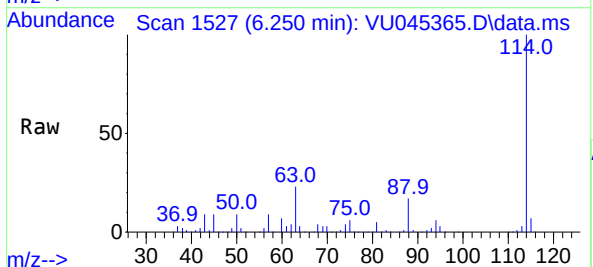
Tgt Ion: 65 Resp: 173646
Ion Ratio Lower Upper
65 100
67 52.8 0.0 104.8

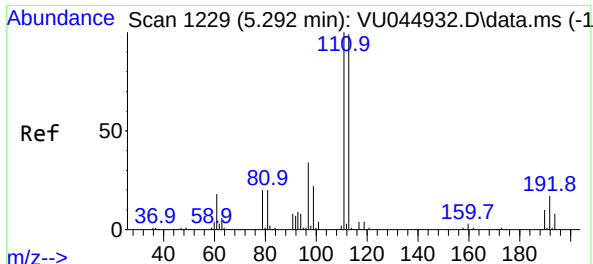


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.250 min Scan# 1527
Delta R.T. -0.003 min
Lab File: VU045365.D
Acq: 22 Oct 2021 15:24

Tgt Ion: 114 Resp: 417499
Ion Ratio Lower Upper
114 100
63 23.1 0.0 47.8
88 17.0 0.0 32.8



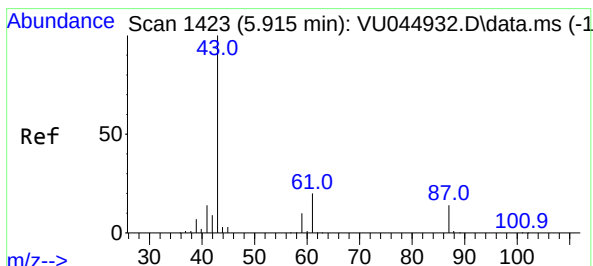
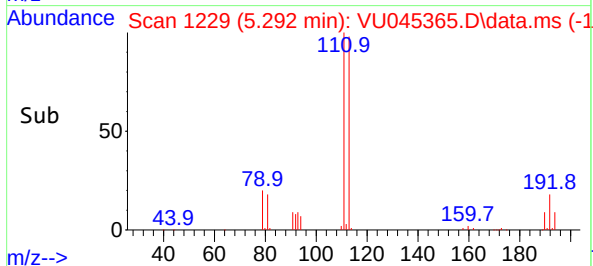
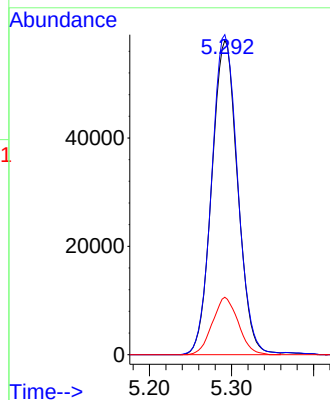
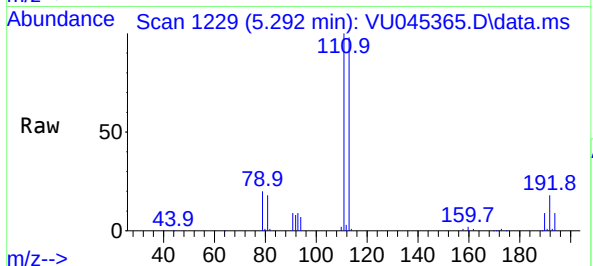


#35
Dibromofluoromethane
Concen: 48.327 ug/l
RT: 5.292 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VU045365.D
Acq: 22 Oct 2021 15:24

Instrument :
MSVOA_U
ClientSampleId :
MH-D-D

Tgt Ion:113 Resp: 127279

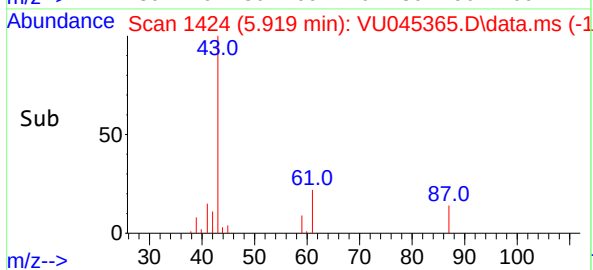
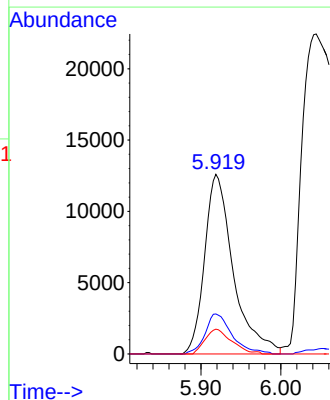
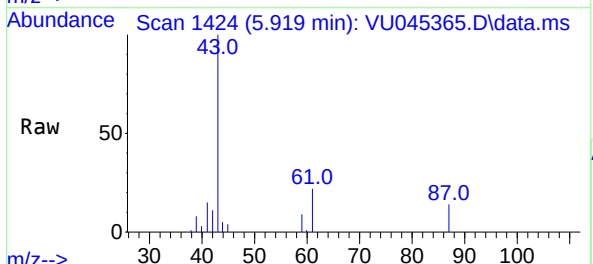
Ion	Ratio	Lower	Upper
113	100		
111	102.2	84.1	126.1
192	18.2	14.8	22.2

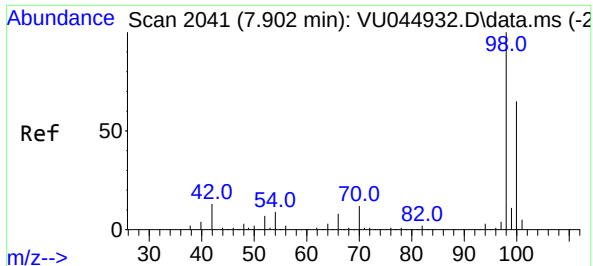


#43
Isopropyl Acetate
Concen: 3.625 ug/l
RT: 5.919 min Scan# 1424
Delta R.T. 0.004 min
Lab File: VU045365.D
Acq: 22 Oct 2021 15:24

Tgt Ion: 43 Resp: 31504

Ion	Ratio	Lower	Upper
43	100		
61	21.0	16.1	24.1
87	12.5	10.3	15.5

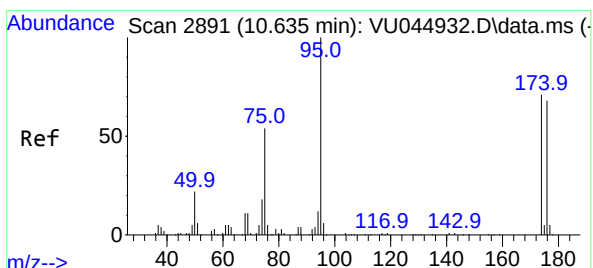
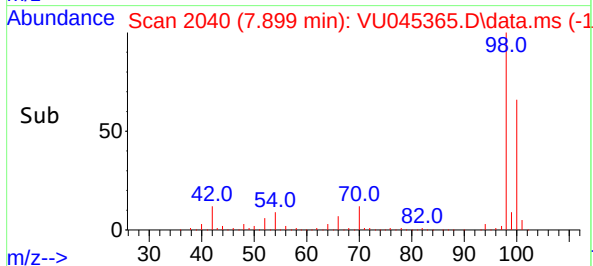
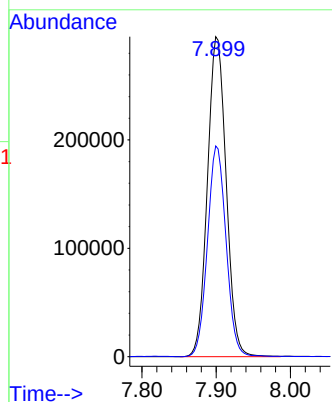
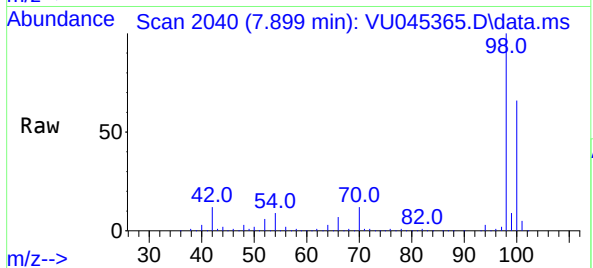




#50
Toluene-d8
Concen: 49.619 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. -0.003 min
Lab File: VU045365.D
Acq: 22 Oct 2021 15:24

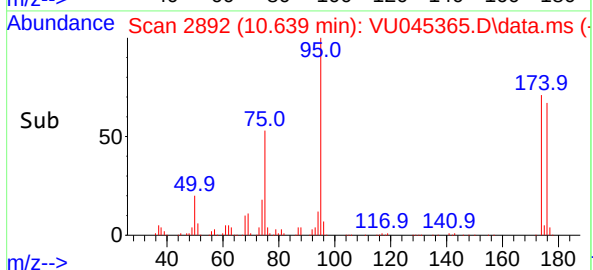
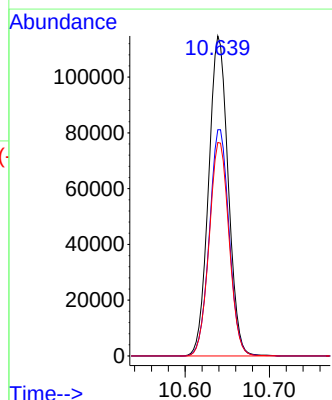
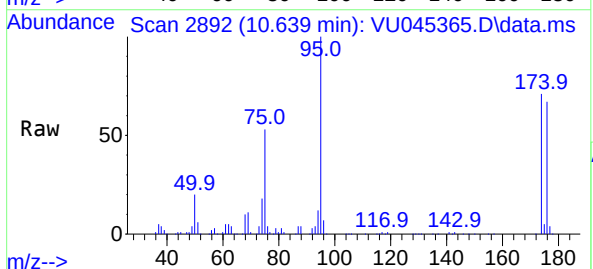
Instrument :
MSVOA_U
ClientSampled :
MH-D-D

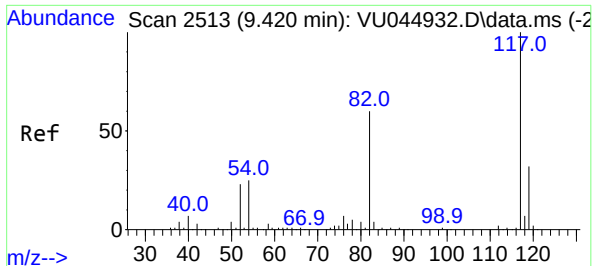
Tgt Ion: 98 Resp: 516350
Ion Ratio Lower Upper
98 100
100 65.4 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 43.118 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.004 min
Lab File: VU045365.D
Acq: 22 Oct 2021 15:24

Tgt Ion: 95 Resp: 185248
Ion Ratio Lower Upper
95 100
174 71.4 0.0 146.6
176 67.8 0.0 141.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.423 min Scan# 2514

Delta R.T. 0.003 min

Lab File: VU045365.D

Acq: 22 Oct 2021 15:24

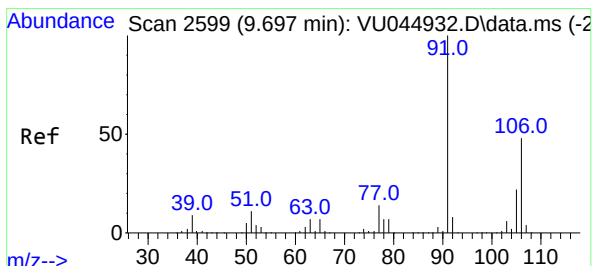
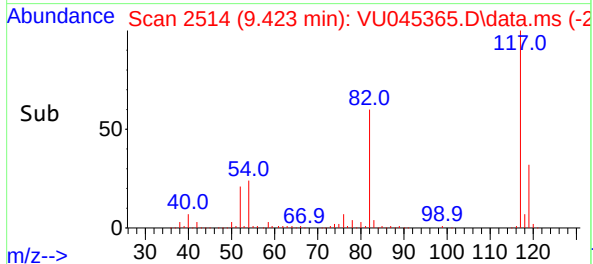
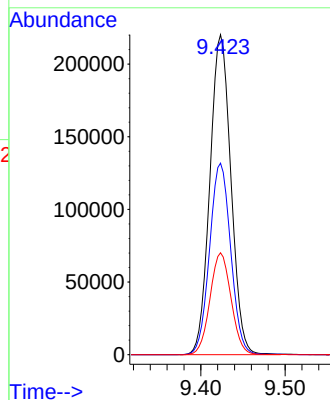
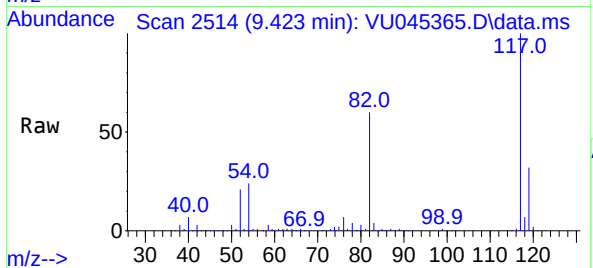
Tgt Ion:117 Resp: 382381

Ion Ratio Lower Upper

117 100

82 59.8 47.8 71.8

119 31.9 25.8 38.6



#68

m/p-Xylenes

Concen: 0.269 ug/l

RT: 9.697 min Scan# 2599

Delta R.T. -0.000 min

Lab File: VU045365.D

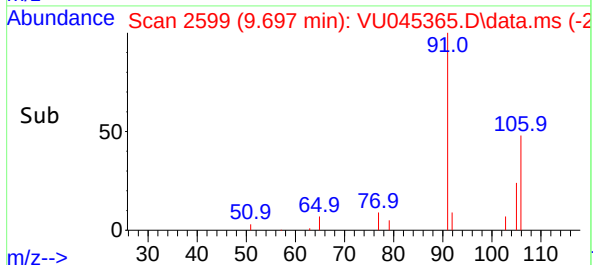
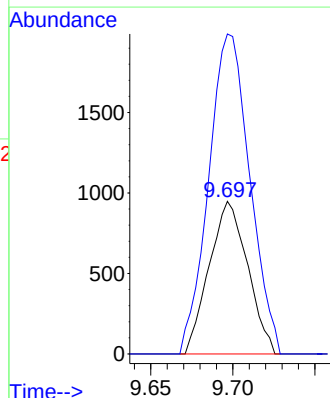
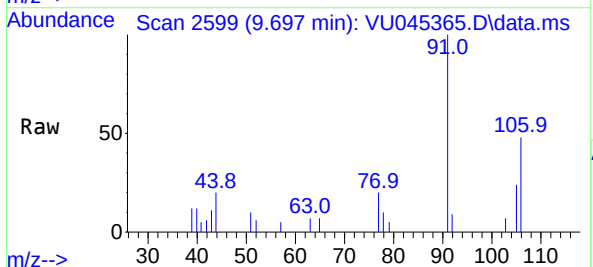
Acq: 22 Oct 2021 15:24

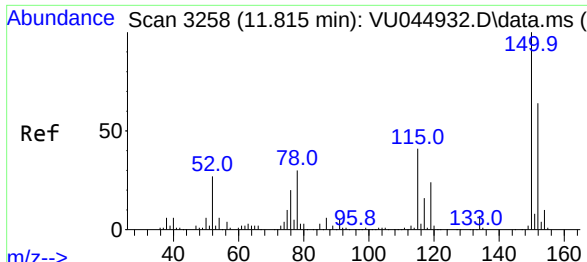
Tgt Ion:106 Resp: 1541

Ion Ratio Lower Upper

106 100

91 225.0 164.2 246.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.004 min
 Lab File: VU045365.D
 Acq: 22 Oct 2021 15:24

Instrument :
 MSVOA_U
 ClientSampleId :
 MH-D-D

Tgt Ion:152 Resp: 161729
 Ion Ratio Lower Upper
 152 100
 115 63.0 43.5 130.7
 150 156.7 0.0 350.0

