

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100121\
 Data File : VU045074.D
 Acq On : 01 Oct 2021 15:38
 Operator : SY/MD
 Sample : M3999-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 26498

Quant Time: Oct 02 03:12:00 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)

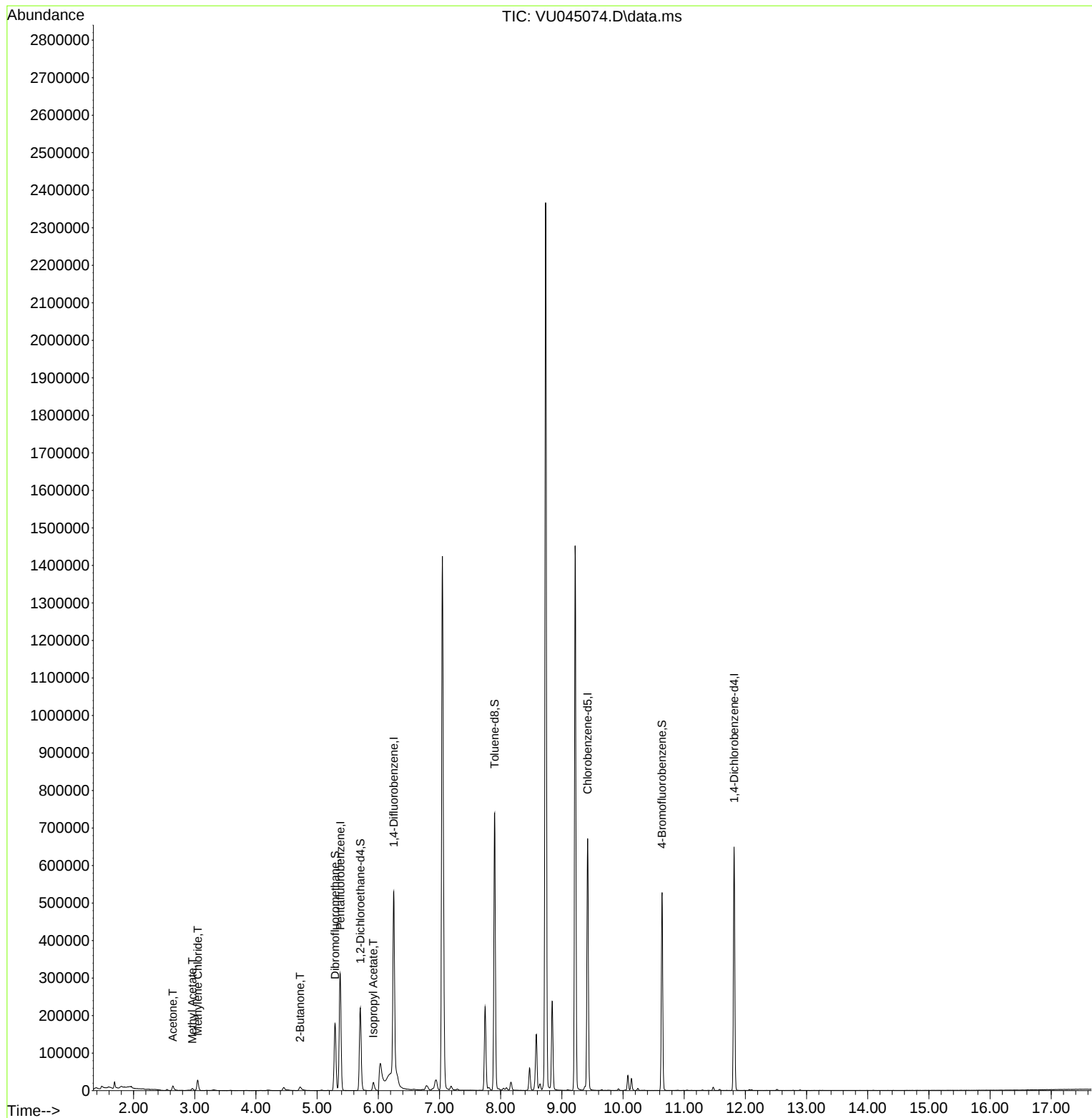
Internal Standards						
1) Pentafluorobenzene	5.378	168	202724	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	378016	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	357123	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	152990	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	166248	49.265	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.520%		
35) Dibromofluoromethane	5.292	113	115209	48.313	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.620%		
50) Toluene-d8	7.902	98	476337	50.555	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.120%		
62) 4-Bromofluorobenzene	10.639	95	177645	45.667	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.340%		
Target Compounds					Qvalue	
16) Acetone	2.642	43	17507	8.740	ug/l	98
18) Methyl Acetate	2.961	43	7282	1.244	ug/l	100
20) Methylene Chloride	3.047	84	13681	4.534	ug/l	93
25) 2-Butanone	4.722	43	20889	7.340	ug/l	94
43) Isopropyl Acetate	5.919	43	26880	3.416	ug/l	98

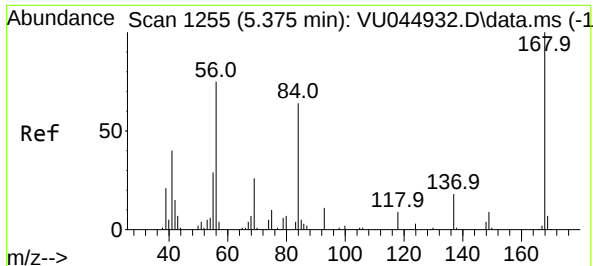
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Sep 28 12:32:13 2021
Response via : Initial Calibration

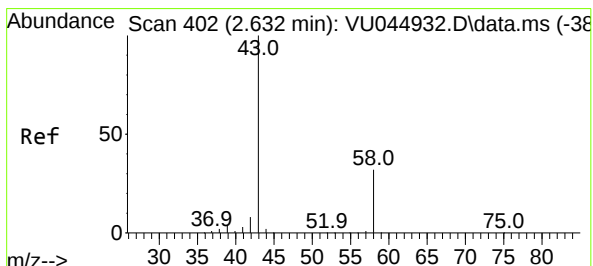
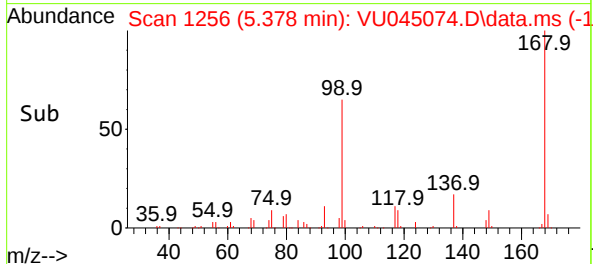
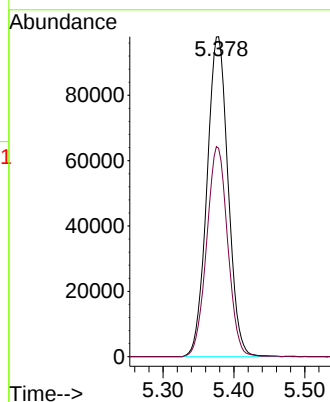
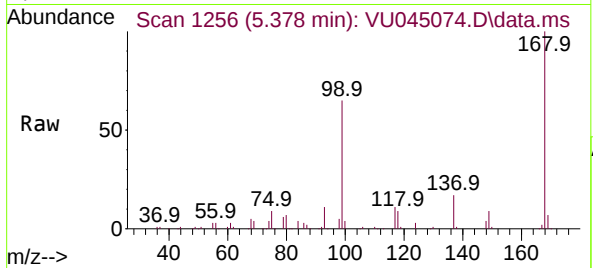




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. 0.003 min
Lab File: VU045074.D
Acq: 01 Oct 2021 15:38

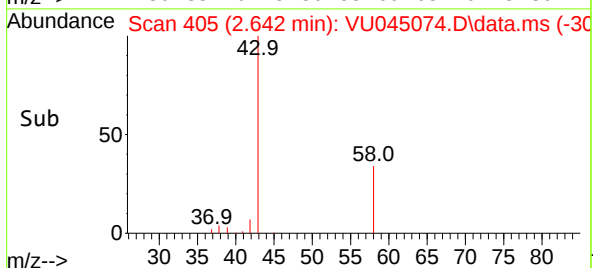
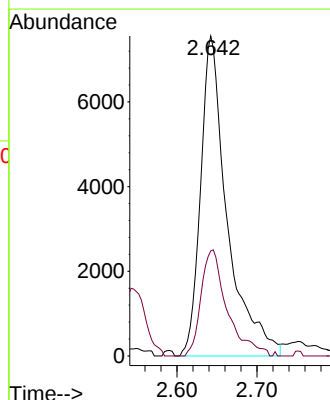
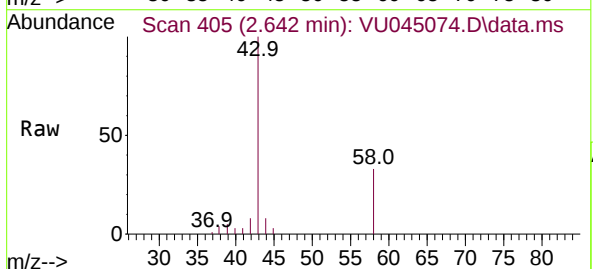
Instrument :
MSVOA_U
ClientSampled :
26498

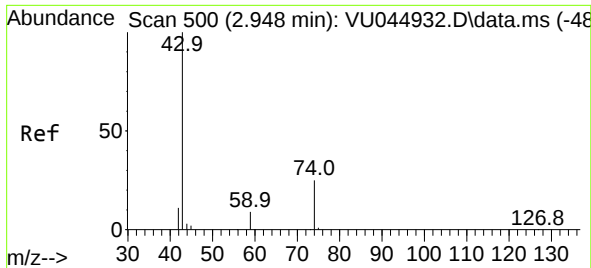
Tgt Ion:168 Resp: 202724
Ion Ratio Lower Upper
168 100
99 65.1 51.4 77.0



#16
Acetone
Concen: 8.740 ug/l
RT: 2.642 min Scan# 405
Delta R.T. 0.010 min
Lab File: VU045074.D
Acq: 01 Oct 2021 15:38

Tgt Ion: 43 Resp: 17507
Ion Ratio Lower Upper
43 100
58 32.9 25.2 37.8

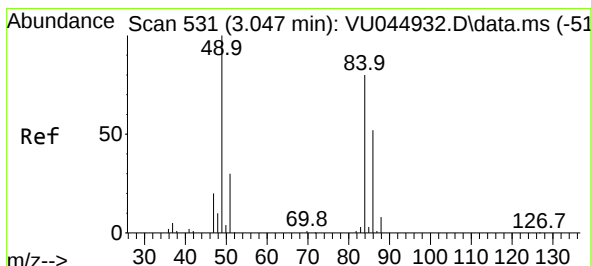
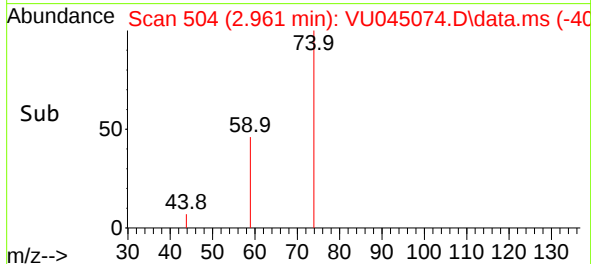
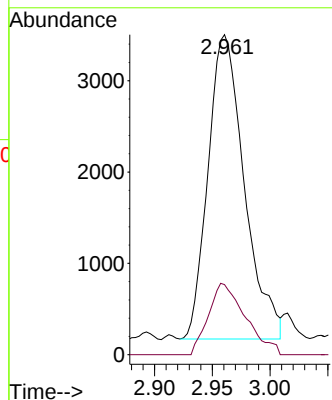
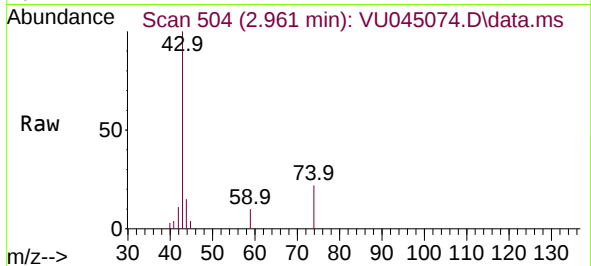




#18
Methyl Acetate
Concen: 1.244 ug/l
RT: 2.961 min Scan# 504
Delta R.T. 0.013 min
Lab File: VU045074.D
Acq: 01 Oct 2021 15:38

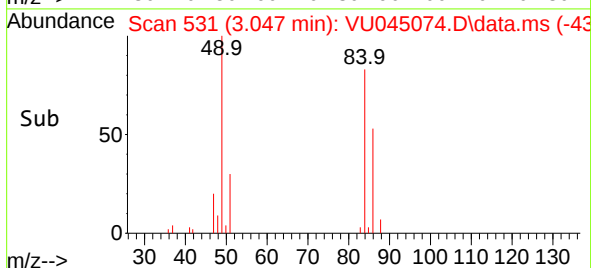
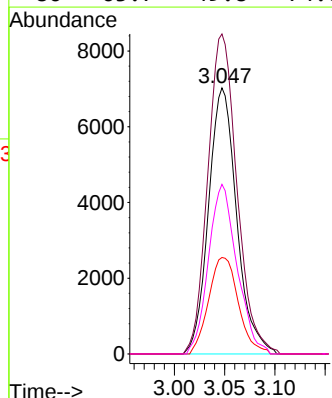
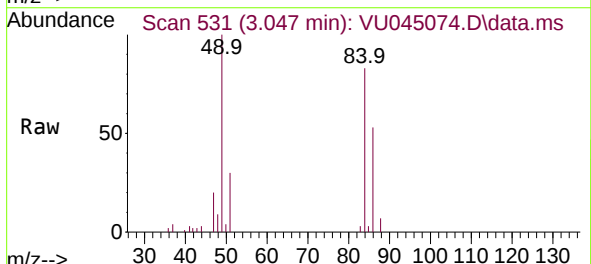
Instrument :
MSVOA_U
ClientSampled :
26498

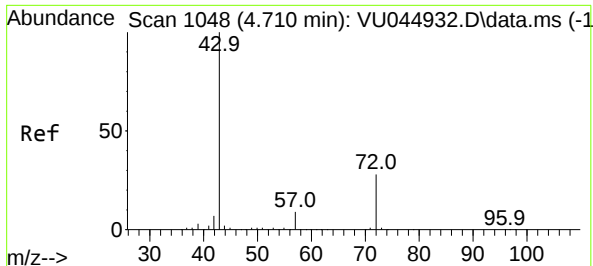
Tgt Ion: 43 Resp: 7282
Ion Ratio Lower Upper
43 100
74 23.9 19.0 28.6



#20
Methylene Chloride
Concen: 4.534 ug/l
RT: 3.047 min Scan# 531
Delta R.T. 0.000 min
Lab File: VU045074.D
Acq: 01 Oct 2021 15:38

Tgt Ion: 84 Resp: 13681
Ion Ratio Lower Upper
84 100
49 120.3 104.9 157.3
51 36.2 31.8 47.8
86 63.7 49.8 74.6





#25

2-Butanone

Concen: 7.340 ug/l

RT: 4.722 min Scan# 1052

Delta R.T. 0.012 min

Lab File: VU045074.D

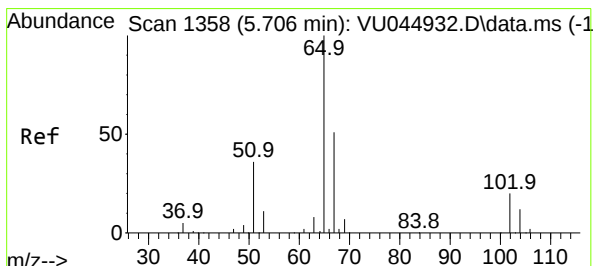
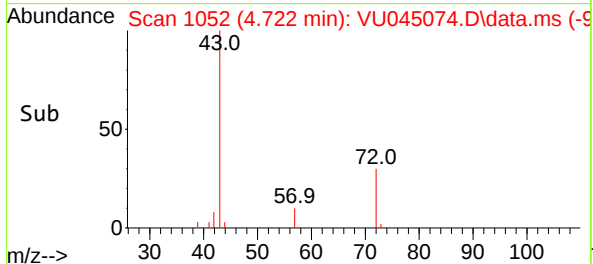
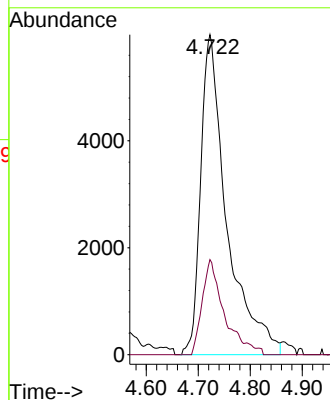
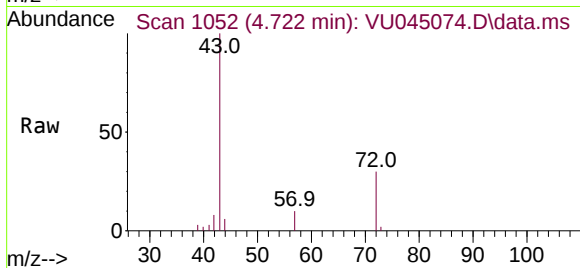
Acq: 01 Oct 2021 15:38

Tgt Ion: 43 Resp: 20889

Ion Ratio Lower Upper

43 100

72 29.7 21.3 31.9



#33

1,2-Dichloroethane-d4

Concen: 49.265 ug/l

RT: 5.706 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VU045074.D

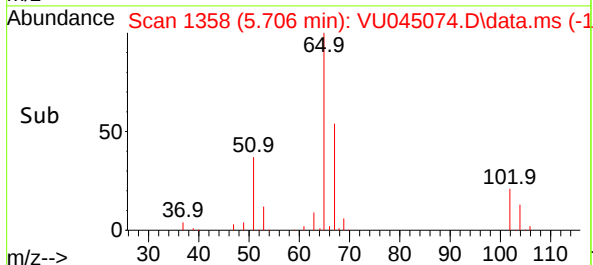
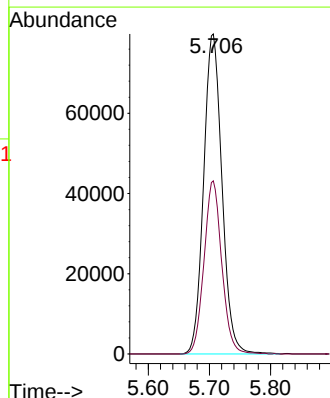
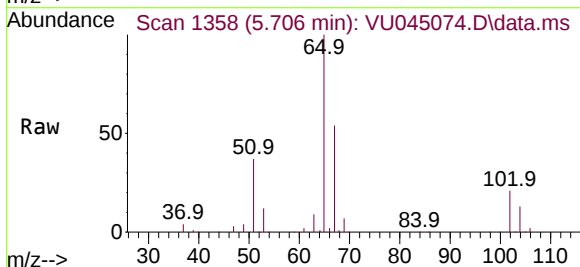
Acq: 01 Oct 2021 15:38

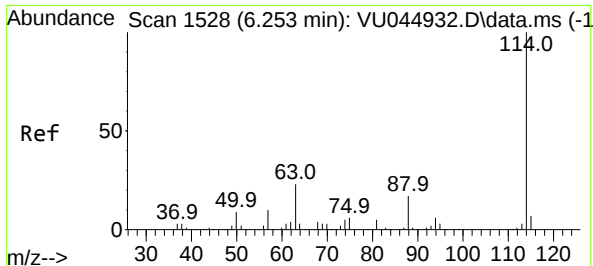
Tgt Ion: 65 Resp: 166248

Ion Ratio Lower Upper

65 100

67 52.3 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 1528

Delta R.T. -0.000 min

Lab File: VU045074.D

Acq: 01 Oct 2021 15:38

Tgt Ion:114 Resp: 378016

Ion Ratio Lower Upper

114 100

63 23.3 0.0 47.8

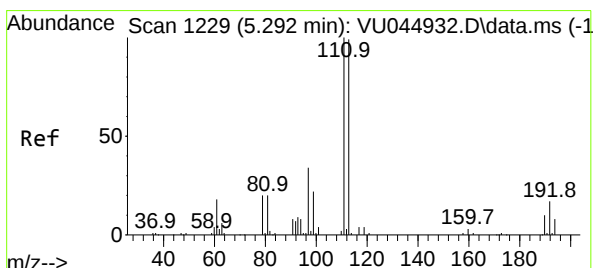
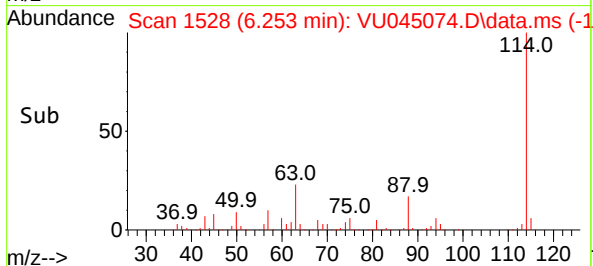
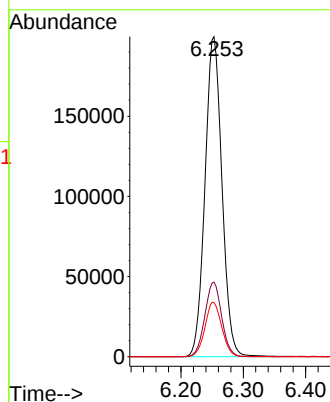
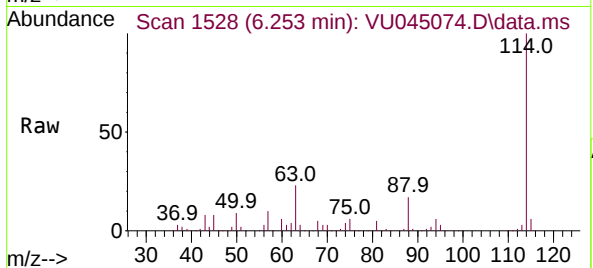
88 16.9 0.0 32.8

Instrument :

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ClientSampleId :

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#35

Dibromofluoromethane

Concen: 48.313 ug/l

RT: 5.292 min Scan# 1229

Delta R.T. -0.000 min

Lab File: VU045074.D

Acq: 01 Oct 2021 15:38

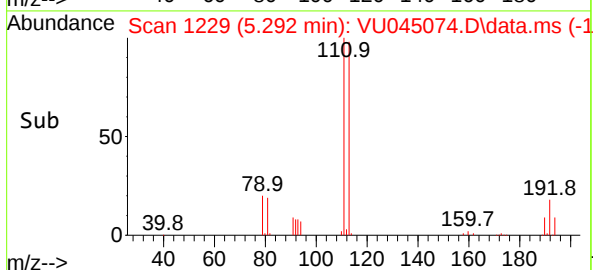
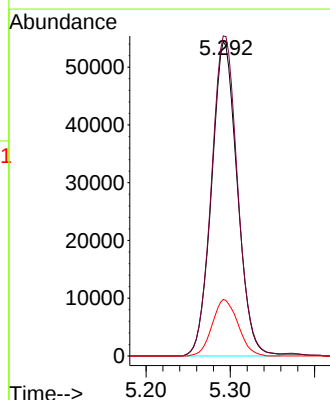
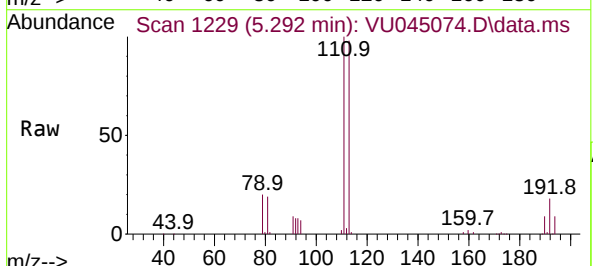
Tgt Ion:113 Resp: 115209

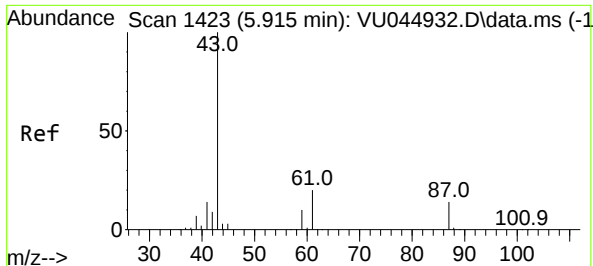
Ion Ratio Lower Upper

113 100

111 103.4 84.1 126.1

192 18.0 14.8 22.2

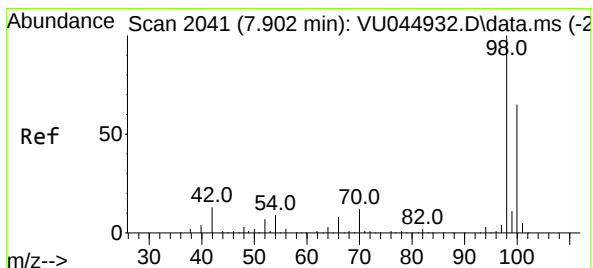
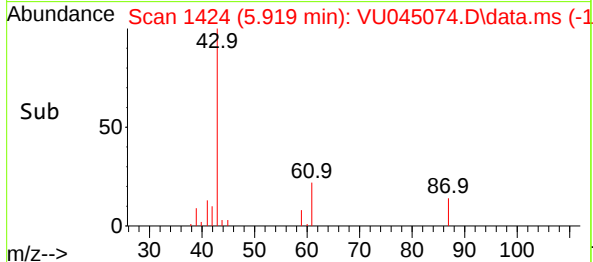
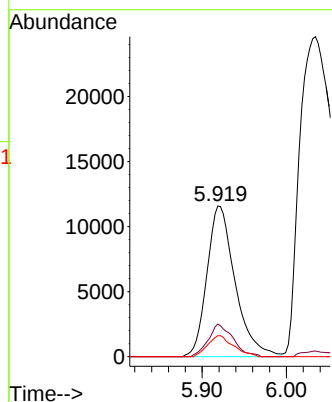
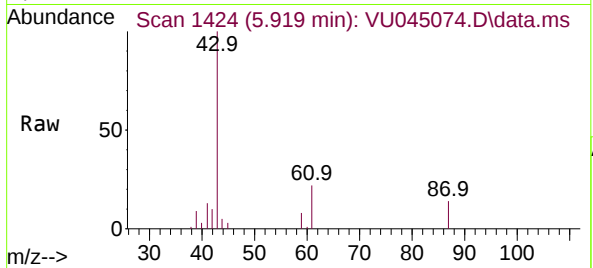




#43
Isopropyl Acetate
Concen: 3.416 ug/l
RT: 5.919 min Scan# 1424
Delta R.T. 0.004 min
Lab File: VU045074.D
Acq: 01 Oct 2021 15:38

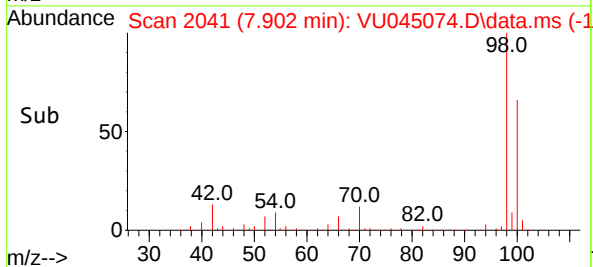
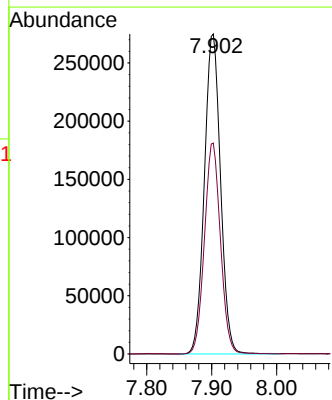
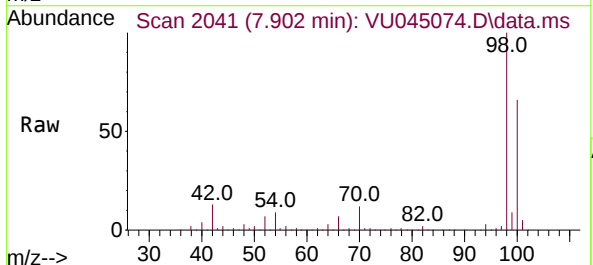
Instrument :
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ClientSampleId :
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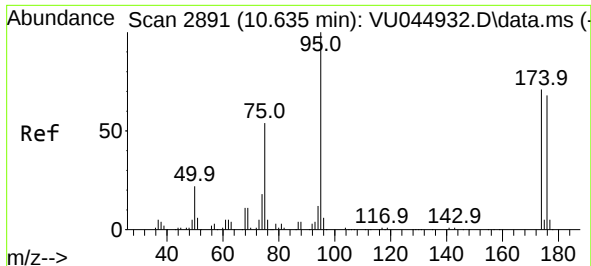
Tgt Ion: 43	Resp: 26880
Ion Ratio	Lower Upper
43 100	
61 19.0	16.1 24.1
87 12.7	10.3 15.5



#50
Toluene-d8
Concen: 50.555 ug/l
RT: 7.902 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VU045074.D
Acq: 01 Oct 2021 15:38

Tgt Ion: 98	Resp: 476337
Ion Ratio	Lower Upper
98 100	
100 65.4	52.5 78.7

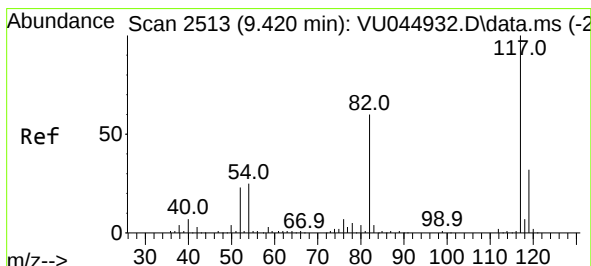
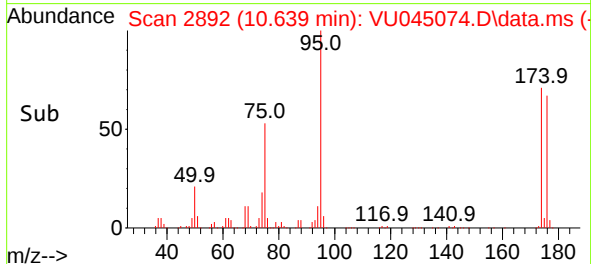
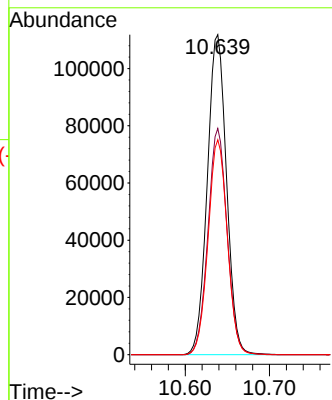
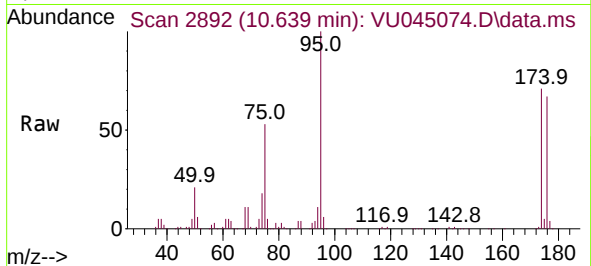




#62
4-Bromofluorobenzene
Concen: 45.667 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.004 min
Lab File: VU045074.D
Acq: 01 Oct 2021 15:38

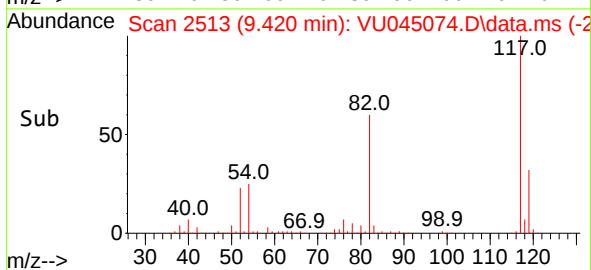
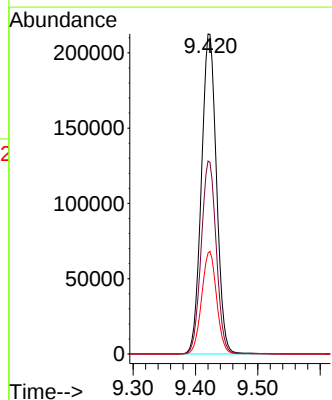
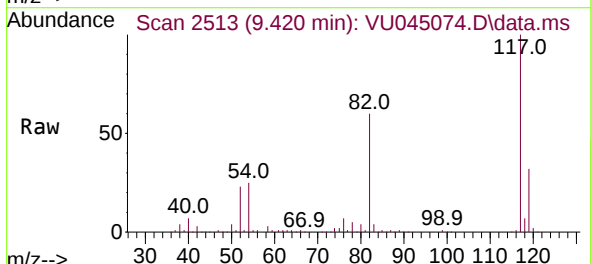
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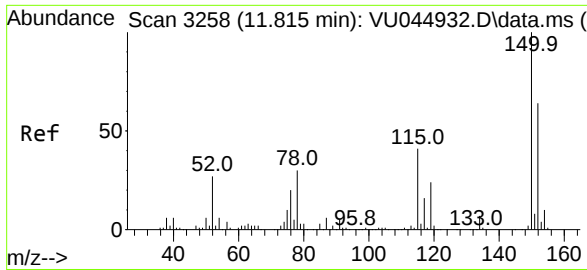
Tgt Ion: 95 Resp: 177645
Ion Ratio Lower Upper
95 100
174 70.2 0.0 146.6
176 66.9 0.0 141.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045074.D
Acq: 01 Oct 2021 15:38

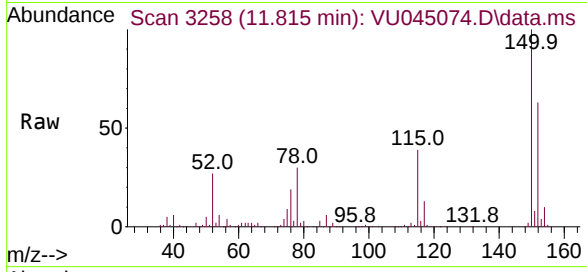
Tgt Ion: 117 Resp: 357123
Ion Ratio Lower Upper
117 100
82 60.3 47.8 71.8
119 31.6 25.8 38.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.815 min Scan# 3258
 Delta R.T. 0.000 min
 Lab File: VU045074.D
 Acq: 01 Oct 2021 15:38

Instrument :
 MSVOA_U
 ClientSampleId :
 26498



Tgt Ion:152 Resp: 152990
 Ion Ratio Lower Upper
 152 100
 115 62.9 43.5 130.7
 150 159.0 0.0 350.0

