

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100121\
 Data File : VU045075.D
 Acq On : 01 Oct 2021 16:02
 Operator : SY/MD
 Sample : M3999-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 219

Quant Time: Oct 02 03:12:12 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)

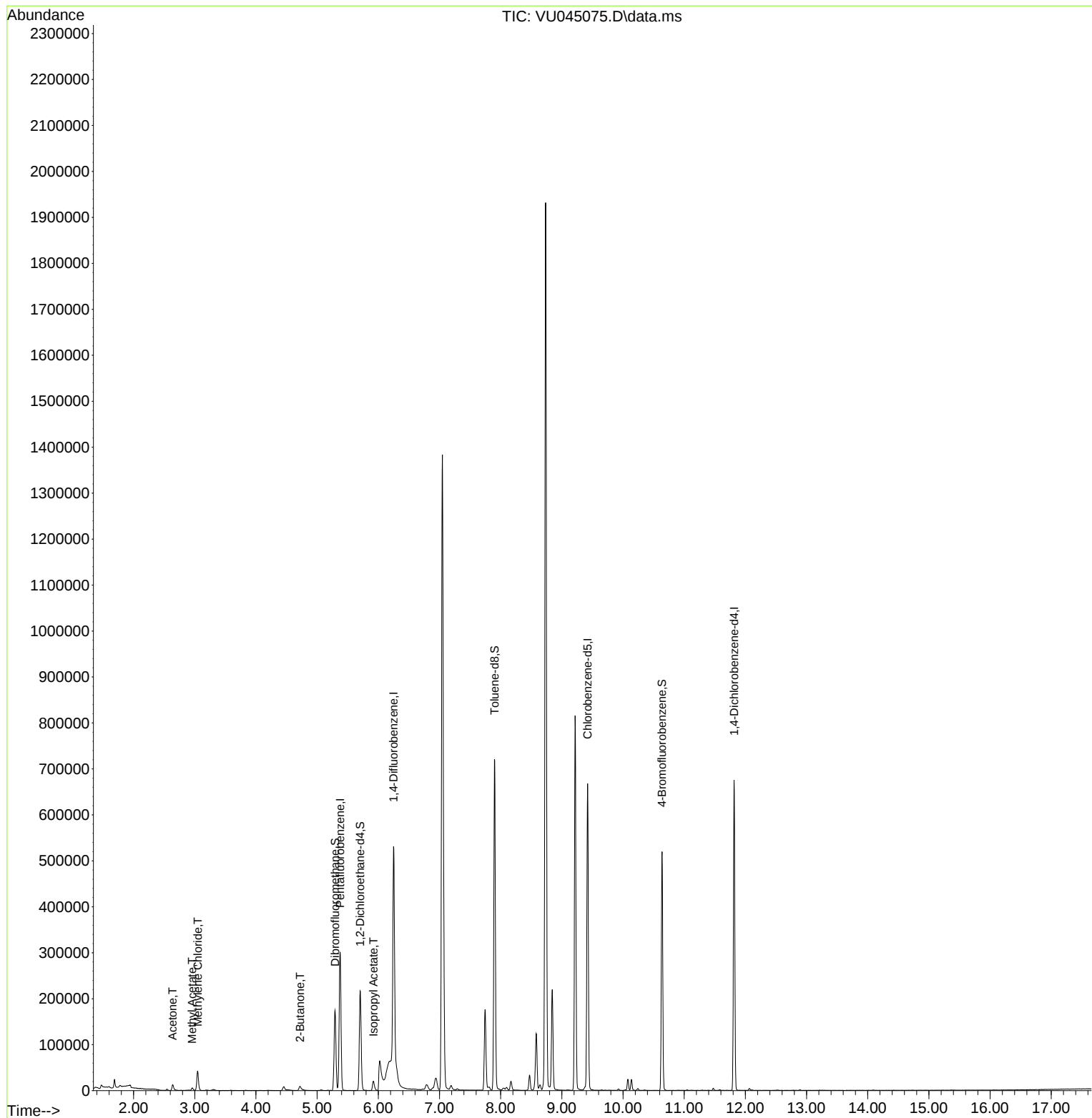
Internal Standards						
1) Pentafluorobenzene	5.375	168	196819	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	367492	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	351758	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	158969	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	165746	50.589	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.180%
35) Dibromofluoromethane	5.292	113	112290	48.437	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.880%
50) Toluene-d8	7.899	98	461610	50.395	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.800%
62) 4-Bromofluorobenzene	10.639	95	175123	46.308	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.620%
Target Compounds						
					Qvalue	
16) Acetone	2.639	43	16462	8.465	ug/l	94
18) Methyl Acetate	2.957	43	7157	1.259	ug/l	96
20) Methylene Chloride	3.047	84	20489	6.995	ug/l	98
25) 2-Butanone	4.719	43	18311	6.627	ug/l	96
43) Isopropyl Acetate	5.922	43	24711	3.230	ug/l	98

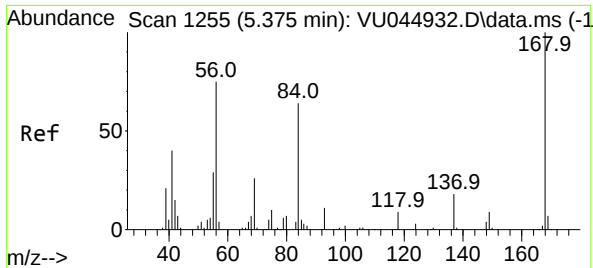
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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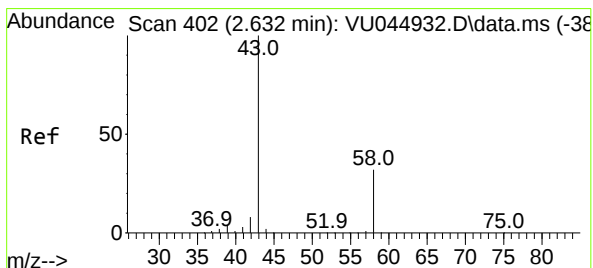
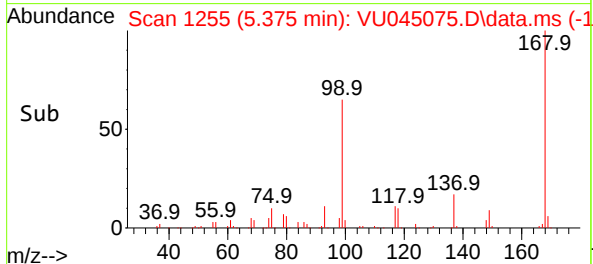
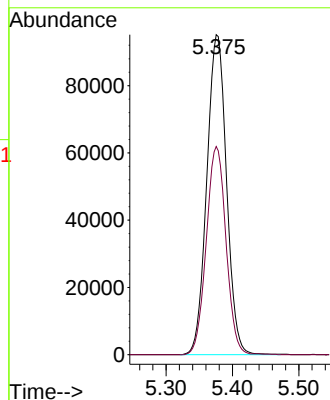
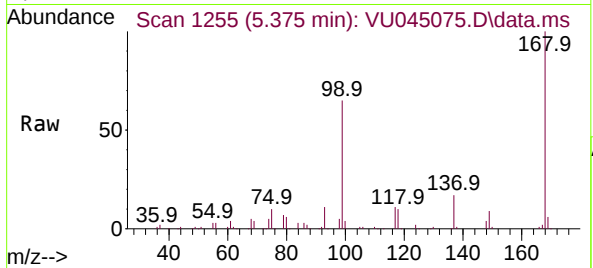




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. 0.000 min
Lab File: VU045075.D
Acq: 01 Oct 2021 16:02

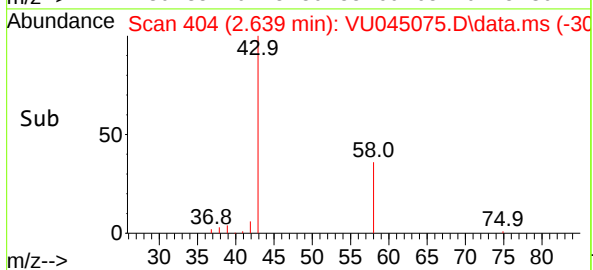
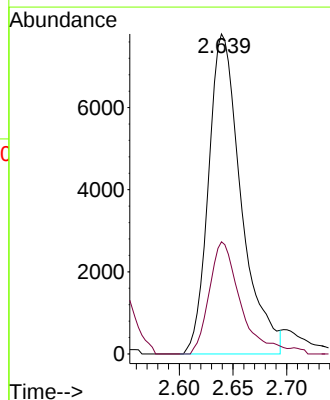
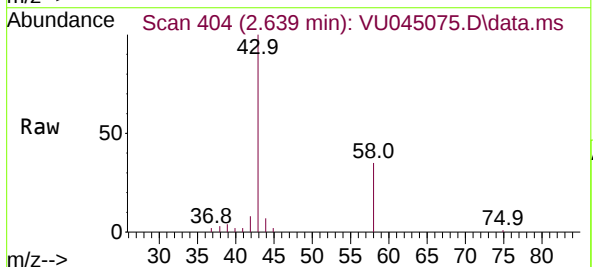
Instrument :
MSVOA_U
ClientSampleId :
219

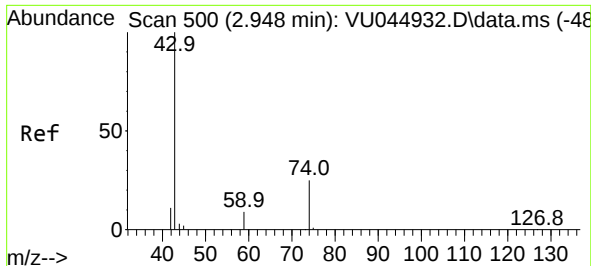
Tgt Ion:168 Resp: 196819
Ion Ratio Lower Upper
168 100
99 65.1 51.4 77.0



#16
Acetone
Concen: 8.465 ug/l
RT: 2.639 min Scan# 404
Delta R.T. 0.007 min
Lab File: VU045075.D
Acq: 01 Oct 2021 16:02

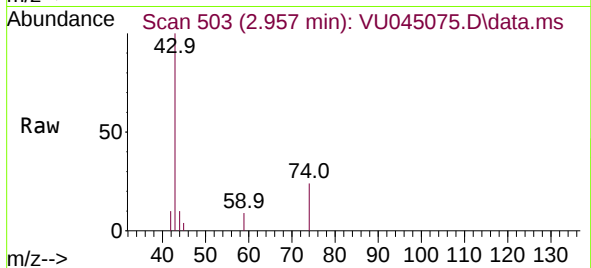
Tgt Ion: 43 Resp: 16462
Ion Ratio Lower Upper
43 100
58 35.0 25.2 37.8



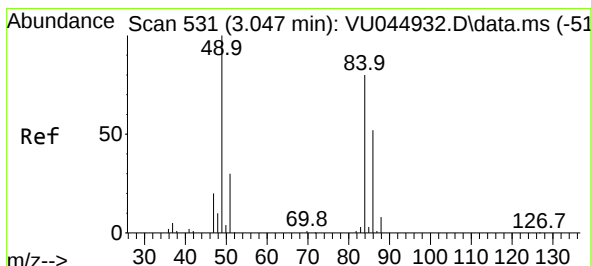
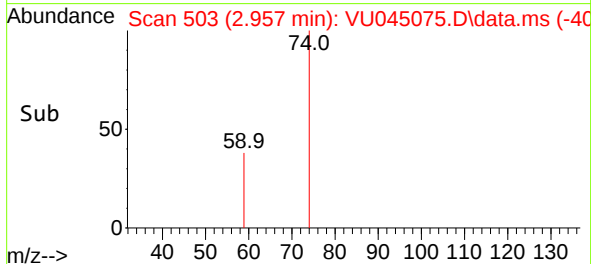
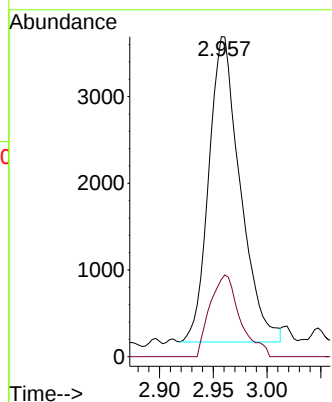


#18
Methyl Acetate
Concen: 1.259 ug/l
RT: 2.957 min Scan# 503
Delta R.T. 0.009 min
Lab File: VU045075.D
Acq: 01 Oct 2021 16:02

Instrument :
MSVOA_U
ClientSampled :
219

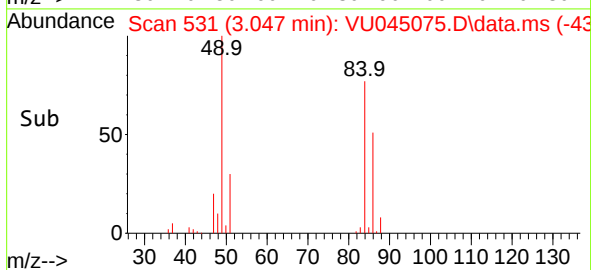
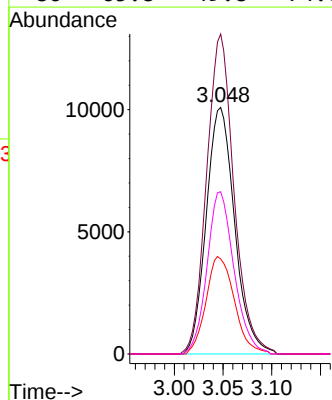
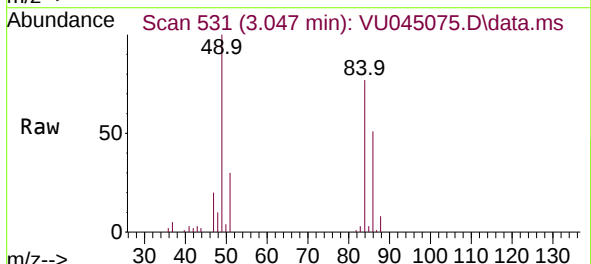


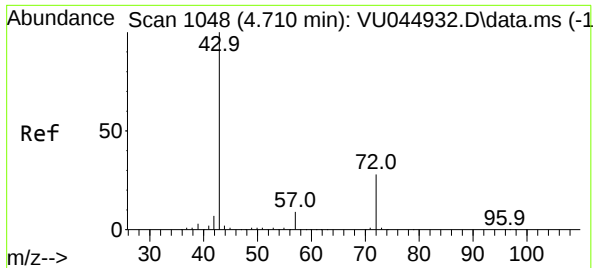
Tgt Ion: 43 Resp: 7157
Ion Ratio Lower Upper
43 100
74 25.6 19.0 28.6



#20
Methylene Chloride
Concen: 6.995 ug/l
RT: 3.047 min Scan# 531
Delta R.T. 0.000 min
Lab File: VU045075.D
Acq: 01 Oct 2021 16:02

Tgt Ion: 84 Resp: 20489
Ion Ratio Lower Upper
84 100
49 129.8 104.9 157.3
51 38.5 31.8 47.8
86 65.8 49.8 74.6

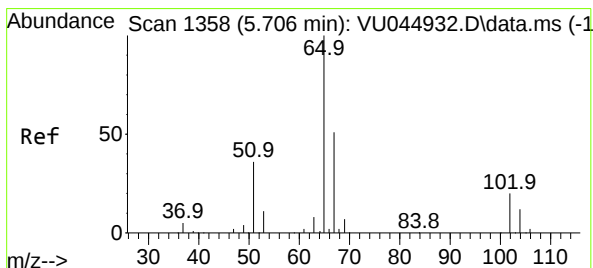
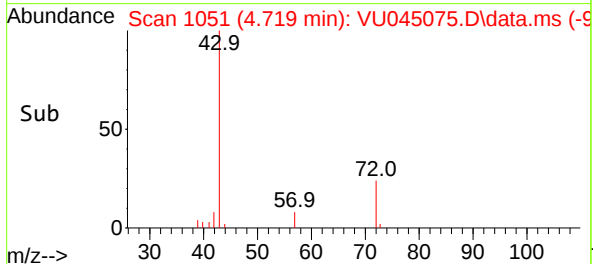
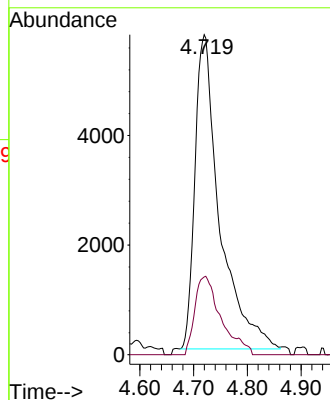
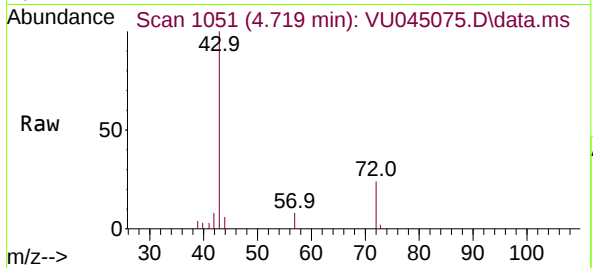




#25
2-Butanone
Concen: 6.627 ug/l
RT: 4.719 min Scan# 1051
Delta R.T. 0.009 min
Lab File: VU045075.D
Acq: 01 Oct 2021 16:02

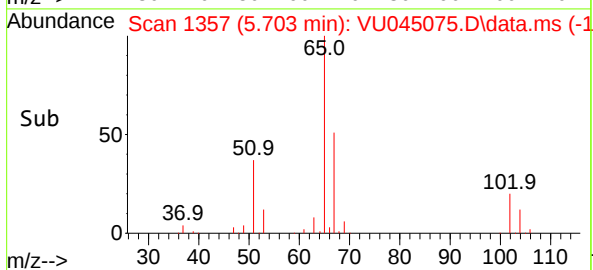
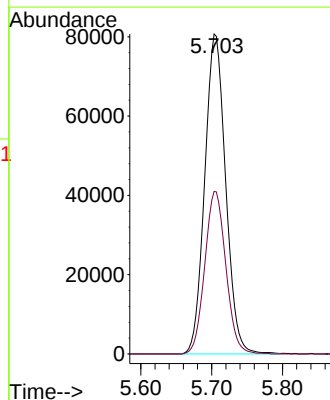
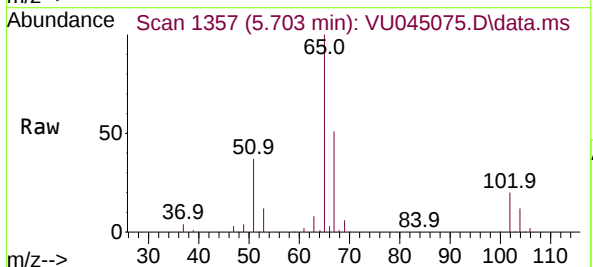
Instrument :
MSVOA_U
ClientSampled :
219

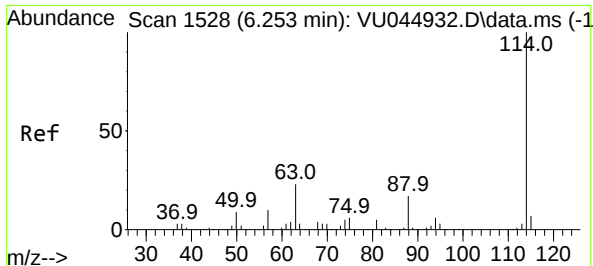
Tgt Ion: 43 Resp: 18311
Ion Ratio Lower Upper
43 100
72 24.7 21.3 31.9



#33
1,2-Dichloroethane-d4
Concen: 50.589 ug/l
RT: 5.703 min Scan# 1357
Delta R.T. -0.003 min
Lab File: VU045075.D
Acq: 01 Oct 2021 16:02

Tgt Ion: 65 Resp: 165746
Ion Ratio Lower Upper
65 100
67 51.0 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: VU045075.D

Acq: 01 Oct 2021 16:02

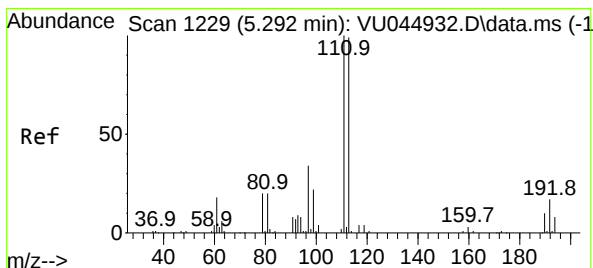
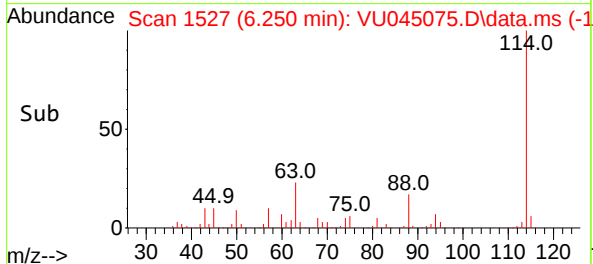
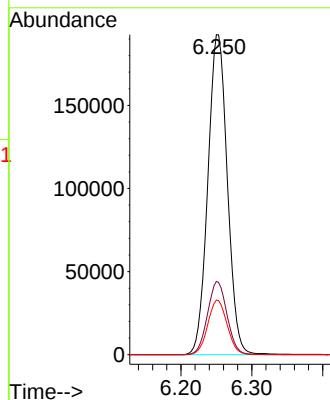
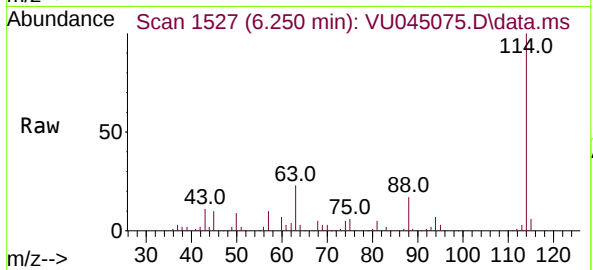
Tgt Ion:114 Resp: 367492

Ion Ratio Lower Upper

114 100

63 22.9 0.0 47.8

88 17.1 0.0 32.8



#35

Dibromofluoromethane

Concen: 48.437 ug/l

RT: 5.292 min Scan# 1229

Delta R.T. -0.000 min

Lab File: VU045075.D

Acq: 01 Oct 2021 16:02

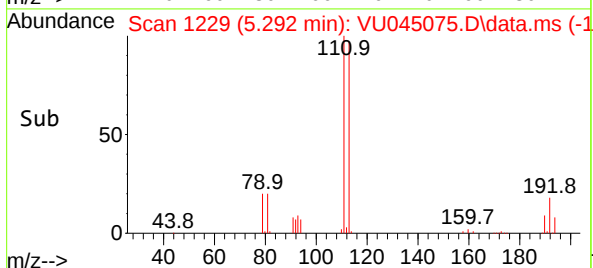
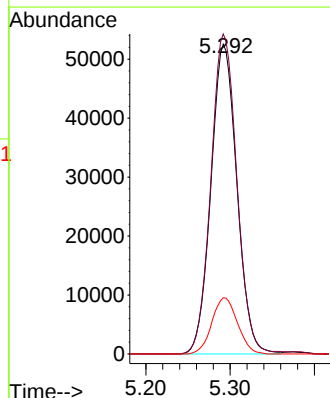
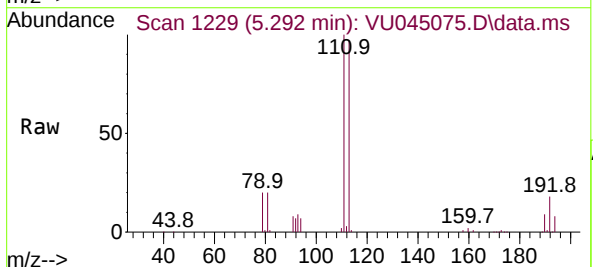
Tgt Ion:113 Resp: 112290

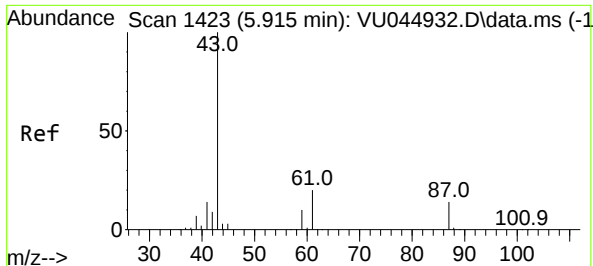
Ion Ratio Lower Upper

113 100

111 103.7 84.1 126.1

192 17.9 14.8 22.2

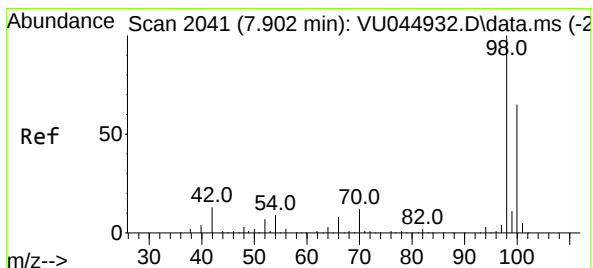
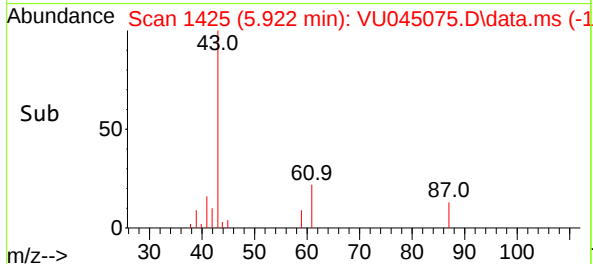
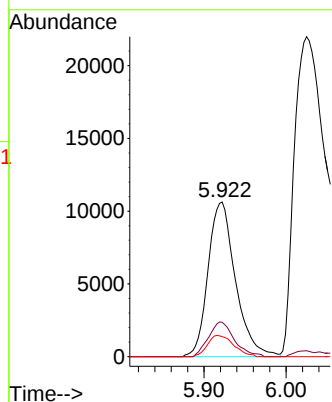
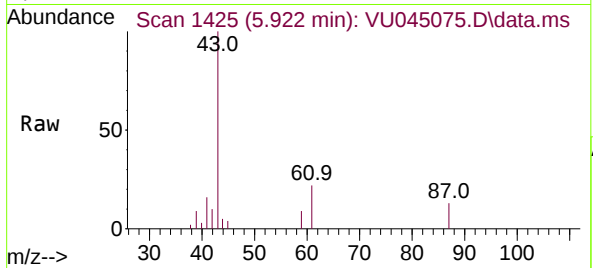




#43
Isopropyl Acetate
Concen: 3.230 ug/l
RT: 5.922 min Scan# 1425
Delta R.T. 0.007 min
Lab File: VU045075.D
Acq: 01 Oct 2021 16:02

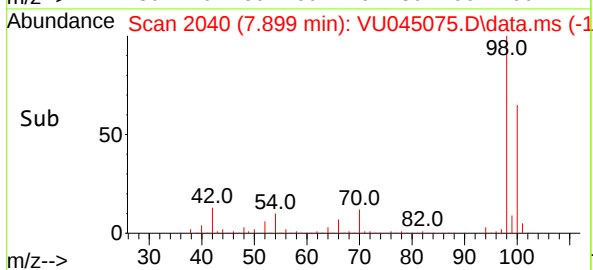
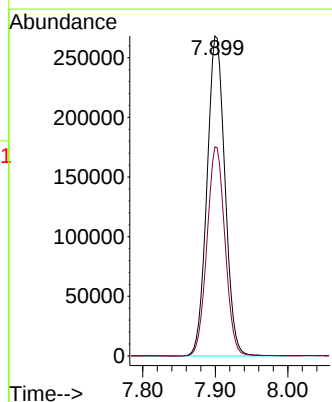
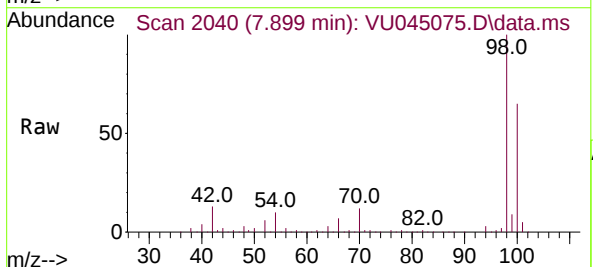
Instrument :
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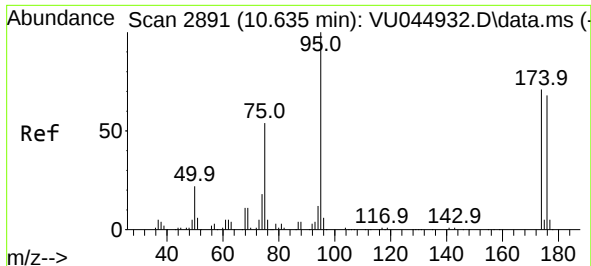
Tgt Ion: 43	Resp: 24711
Ion Ratio	Lower Upper
43 100	
61 21.2	16.1 24.1
87 13.1	10.3 15.5



#50
Toluene-d8
Concen: 50.395 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. -0.003 min
Lab File: VU045075.D
Acq: 01 Oct 2021 16:02

Tgt Ion: 98	Resp: 461610
Ion Ratio	Lower Upper
98 100	
100 65.6	52.5 78.7

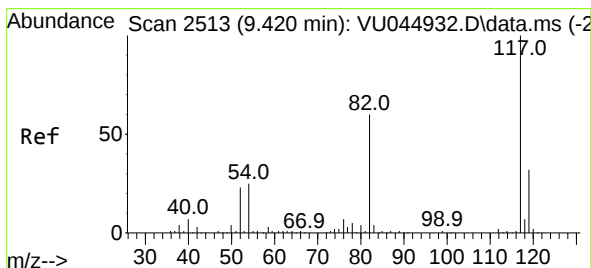
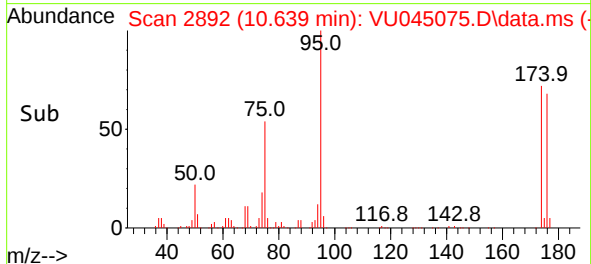
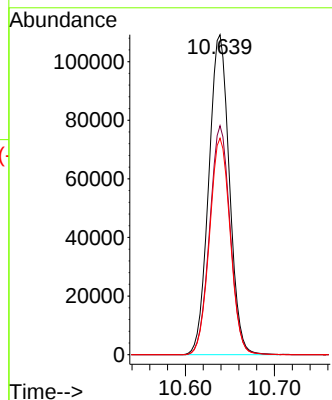
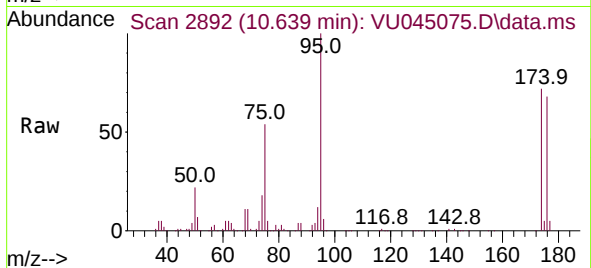




#62
4-Bromofluorobenzene
Concen: 46.308 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.004 min
Lab File: VU045075.D
Acq: 01 Oct 2021 16:02

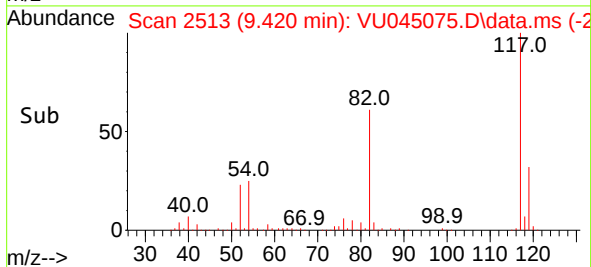
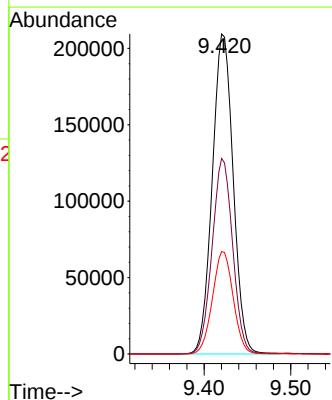
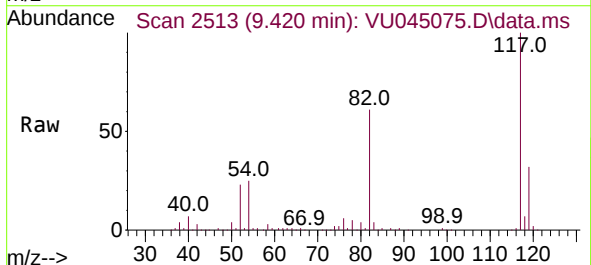
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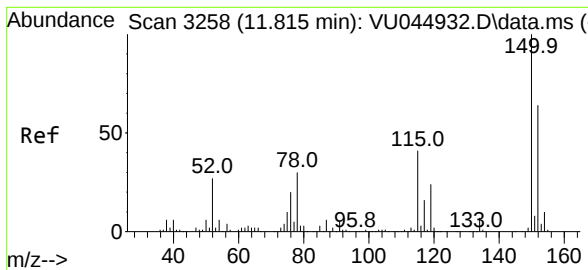
Tgt Ion: 95 Resp: 175123
Ion Ratio Lower Upper
95 100
174 71.3 0.0 146.6
176 68.0 0.0 141.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045075.D
Acq: 01 Oct 2021 16:02

Tgt Ion: 117 Resp: 351758
Ion Ratio Lower Upper
117 100
82 61.1 47.8 71.8
119 32.0 25.8 38.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.816 min Scan# 3258
 Delta R.T. 0.001 min
 Lab File: VU045075.D
 Acq: 01 Oct 2021 16:02

Instrument :
 MSVOA_U
 ClientSampleId :
 219

Tgt Ion:152 Resp: 158969
 Ion Ratio Lower Upper
 152 100
 115 62.5 43.5 130.7
 150 160.4 0.0 350.0

