

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100121\
 Data File : VU045076.D
 Acq On : 01 Oct 2021 16:25
 Operator : SY/MD
 Sample : M3999-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 229-342

Quant Time: Oct 02 03:12:26 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)

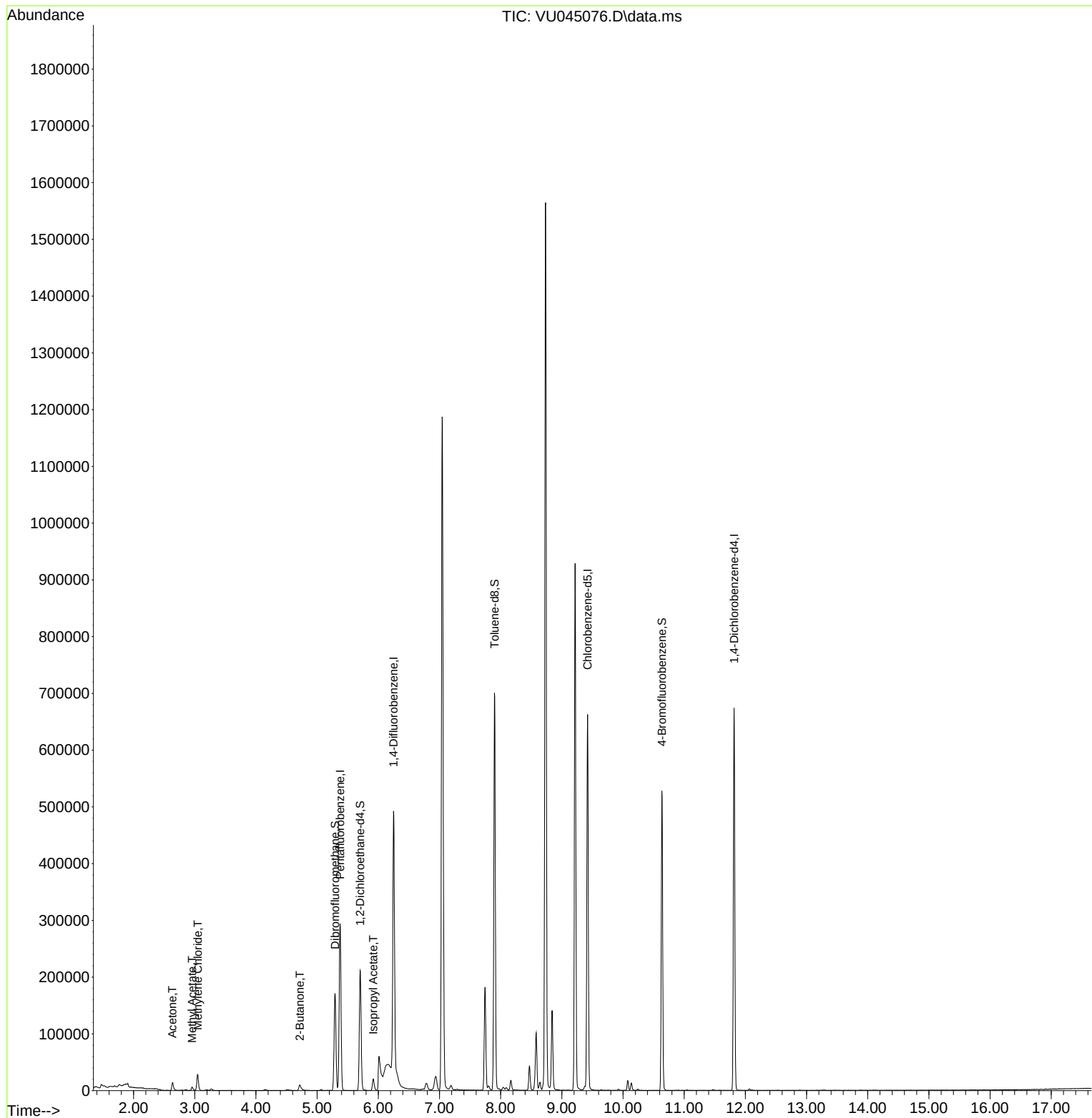
Internal Standards						
1) Pentafluorobenzene	5.375	168	187321	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	353756	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	343265	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	162433	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	158618	50.869	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.740%			
35) Dibromofluoromethane	5.292	113	110700	49.605	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.220%			
50) Toluene-d8	7.899	98	449112	50.934	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.860%			
62) 4-Bromofluorobenzene	10.636	95	175605	48.239	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.480%			
Target Compounds						
					Qvalue	
16) Acetone	2.636	43	18229	9.849	ug/l	98
18) Methyl Acetate	2.957	43	7880	1.457	ug/l	95
20) Methylene Chloride	3.047	84	13693	4.912	ug/l	94
25) 2-Butanone	4.716	43	18161	6.906	ug/l	96
43) Isopropyl Acetate	5.919	43	22914	3.112	ug/l	99

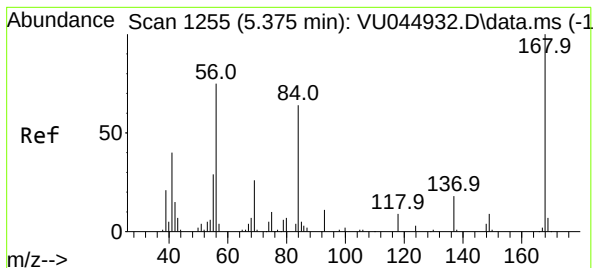
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.375 min Scan# 1255

Delta R.T. 0.000 min

Lab File: VU045076.D

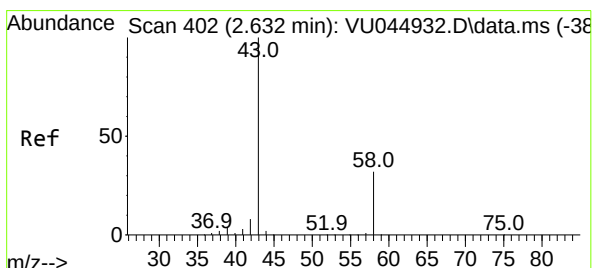
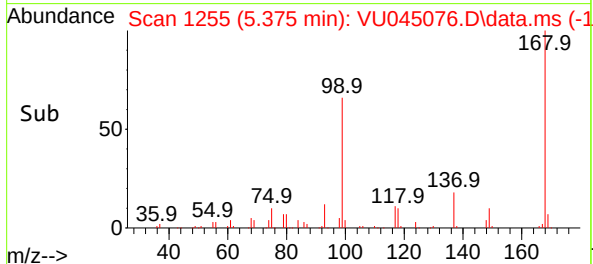
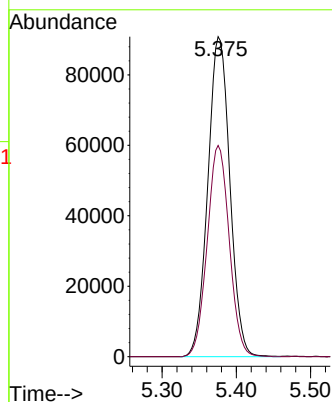
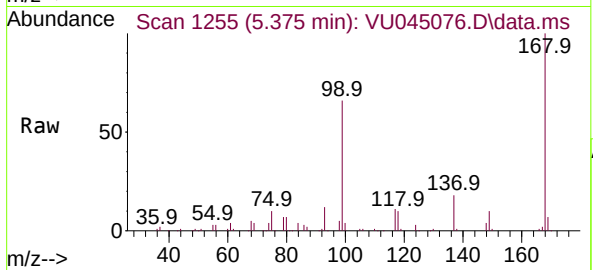
Acq: 01 Oct 2021 16:25

Tgt Ion:168 Resp: 187321

Ion Ratio Lower Upper

168 100

99 66.0 51.4 77.0



#16

Acetone

Concen: 9.849 ug/l

RT: 2.636 min Scan# 403

Delta R.T. 0.004 min

Lab File: VU045076.D

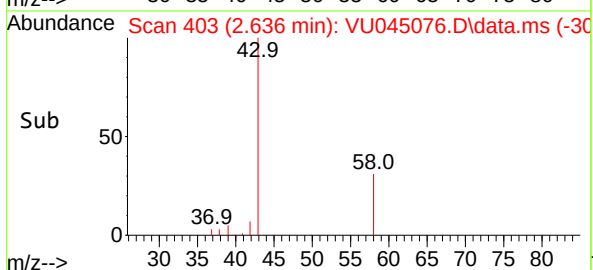
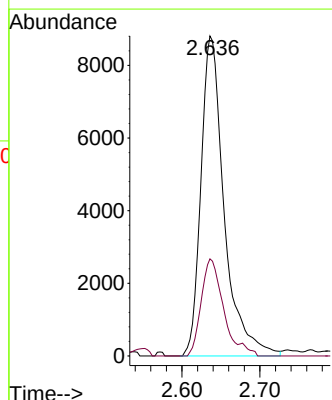
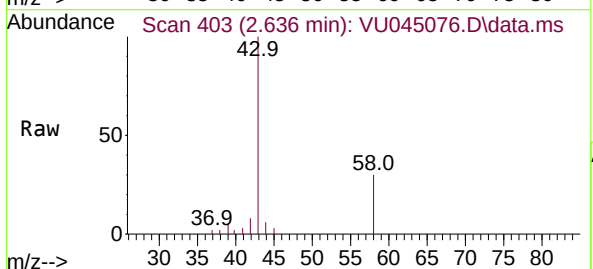
Acq: 01 Oct 2021 16:25

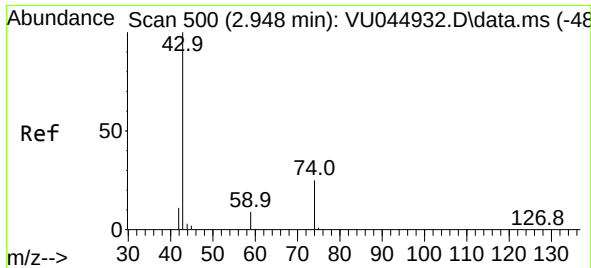
Tgt Ion: 43 Resp: 18229

Ion Ratio Lower Upper

43 100

58 30.3 25.2 37.8

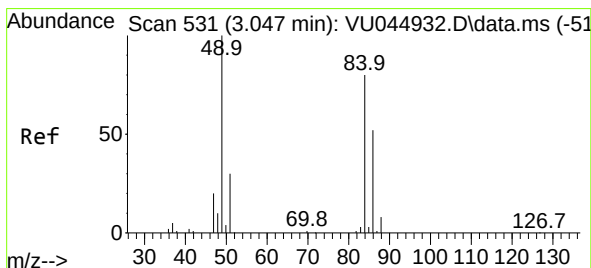
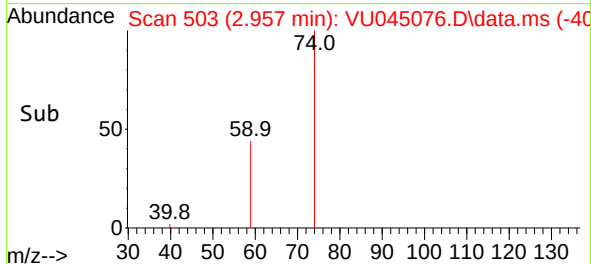
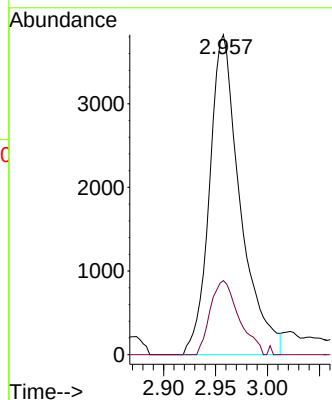
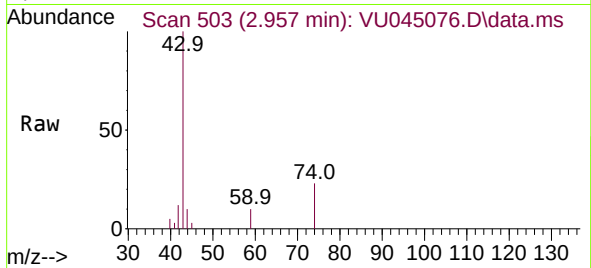




#18
Methyl Acetate
Concen: 1.457 ug/l
RT: 2.957 min Scan# 503
Delta R.T. 0.009 min
Lab File: VU045076.D
Acq: 01 Oct 2021 16:25

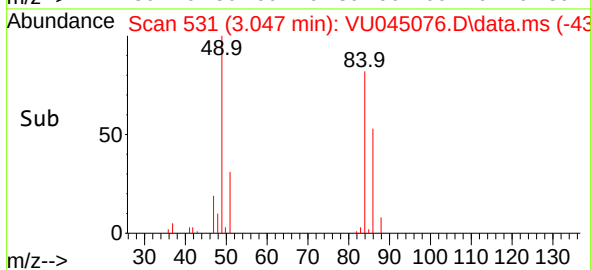
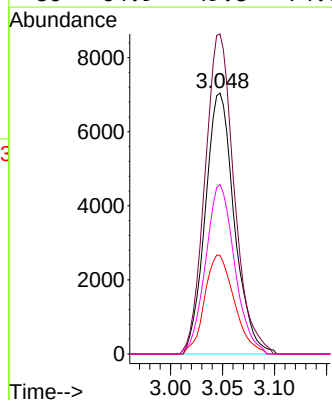
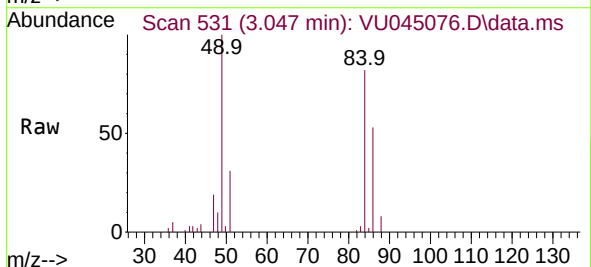
Instrument :
MSVOA_U
ClientSampleId :
229-342

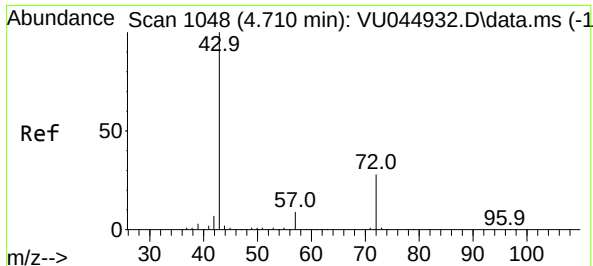
Tgt Ion: 43 Resp: 7880
Ion Ratio Lower Upper
43 100
74 21.5 19.0 28.6



#20
Methylene Chloride
Concen: 4.912 ug/l
RT: 3.047 min Scan# 531
Delta R.T. 0.000 min
Lab File: VU045076.D
Acq: 01 Oct 2021 16:25

Tgt Ion: 84 Resp: 13693
Ion Ratio Lower Upper
84 100
49 122.6 104.9 157.3
51 37.7 31.8 47.8
86 64.9 49.8 74.6

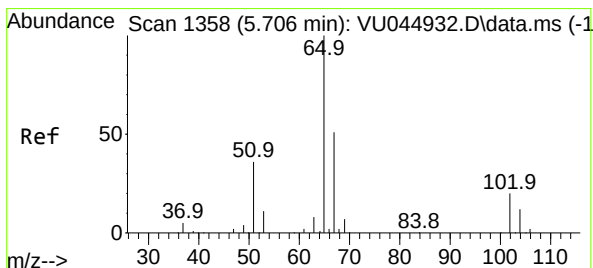
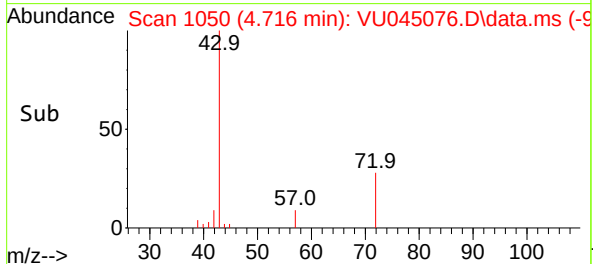
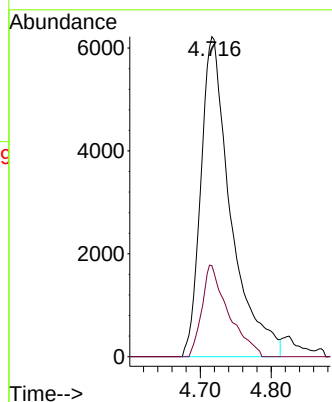
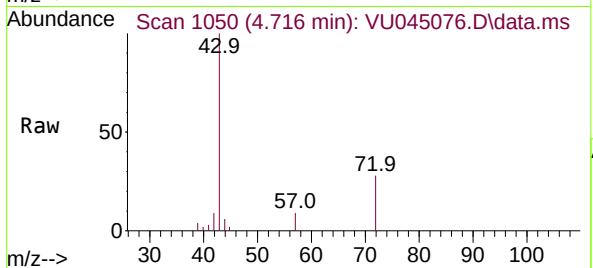




#25
2-Butanone
Concen: 6.906 ug/l
RT: 4.716 min Scan# 1050
Delta R.T. 0.006 min
Lab File: VU045076.D
Acq: 01 Oct 2021 16:25

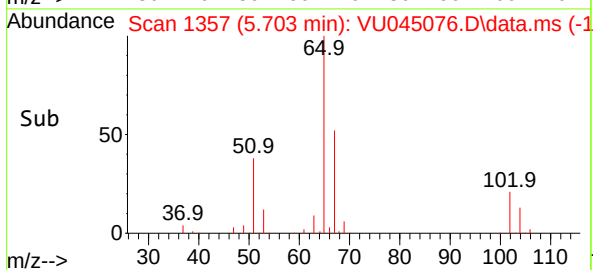
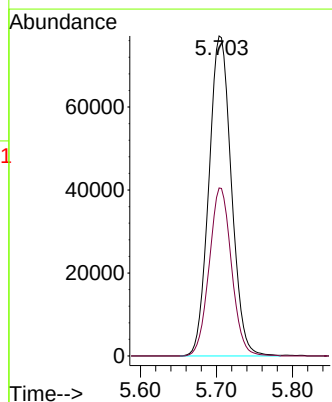
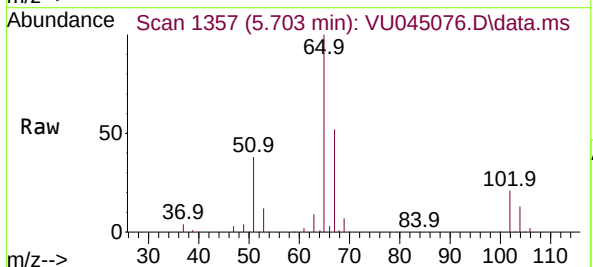
Instrument :
MSVOA_U
ClientSampled :
229-342

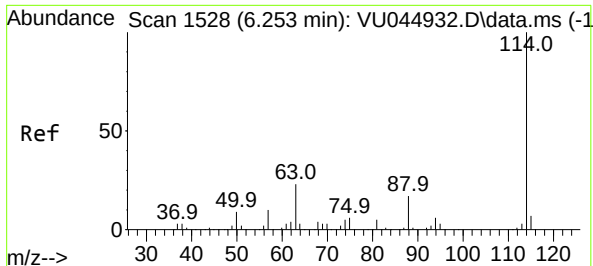
Tgt Ion: 43 Resp: 18161
Ion Ratio Lower Upper
43 100
72 28.4 21.3 31.9



#33
1,2-Dichloroethane-d4
Concen: 50.869 ug/l
RT: 5.703 min Scan# 1357
Delta R.T. -0.003 min
Lab File: VU045076.D
Acq: 01 Oct 2021 16:25

Tgt Ion: 65 Resp: 158618
Ion Ratio Lower Upper
65 100
67 51.9 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: VU045076.D

Acq: 01 Oct 2021 16:25

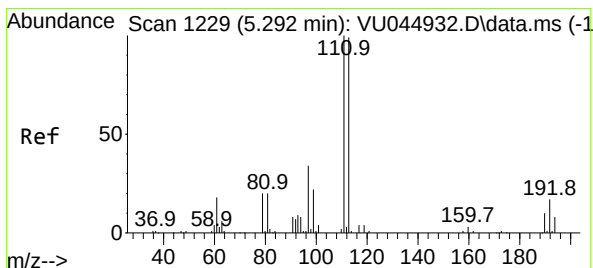
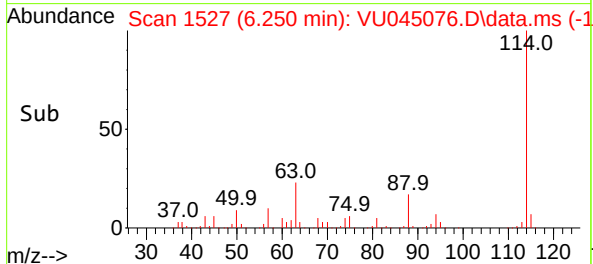
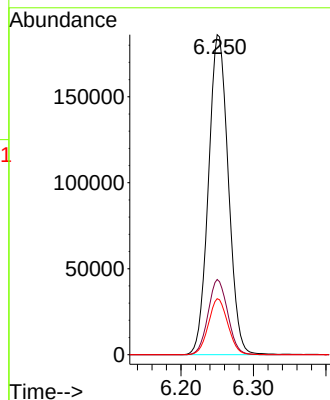
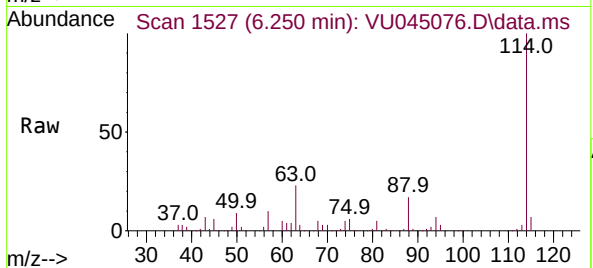
Tgt Ion:114 Resp: 353756

Ion Ratio Lower Upper

114 100

63 23.5 0.0 47.8

88 17.5 0.0 32.8



#35

Dibromofluoromethane

Concen: 49.605 ug/l

RT: 5.292 min Scan# 1229

Delta R.T. -0.000 min

Lab File: VU045076.D

Acq: 01 Oct 2021 16:25

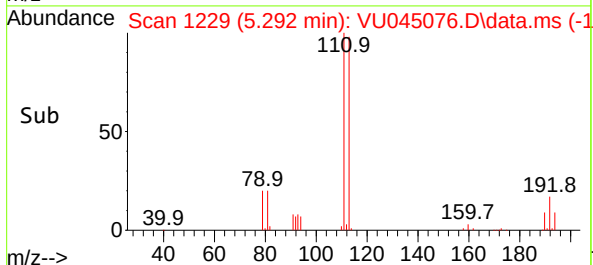
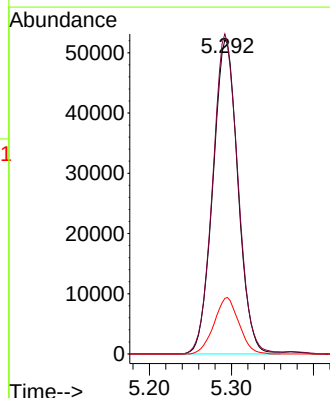
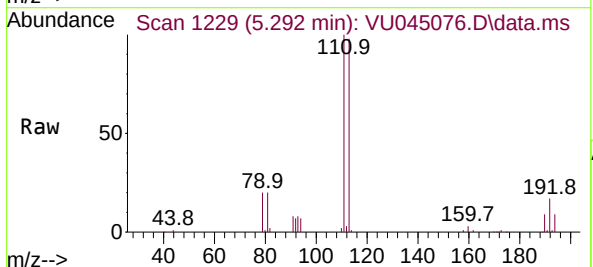
Tgt Ion:113 Resp: 110700

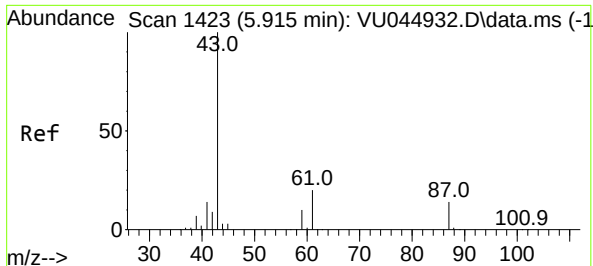
Ion Ratio Lower Upper

113 100

111 102.3 84.1 126.1

192 17.8 14.8 22.2

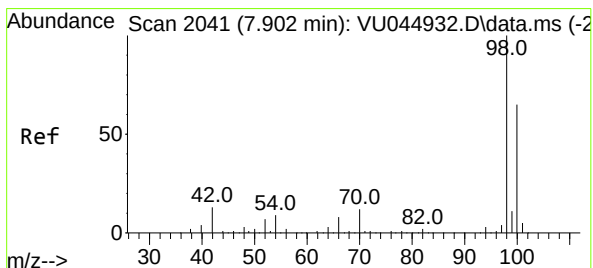
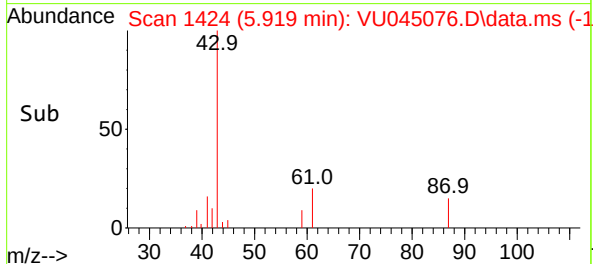
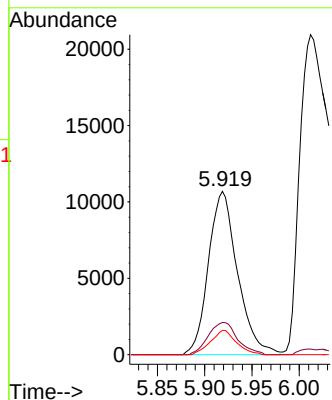
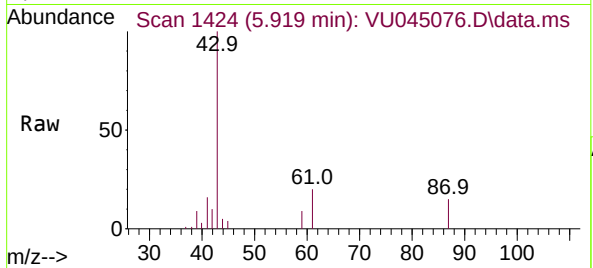




#43
Isopropyl Acetate
Concen: 3.112 ug/l
RT: 5.919 min Scan# 1424
Delta R.T. 0.004 min
Lab File: VU045076.D
Acq: 01 Oct 2021 16:25

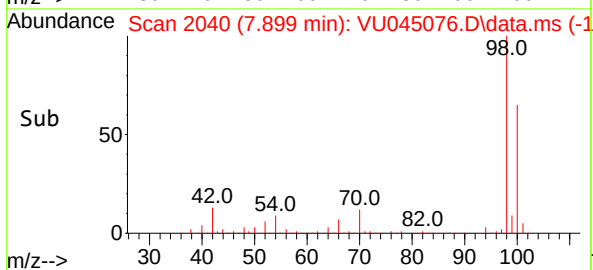
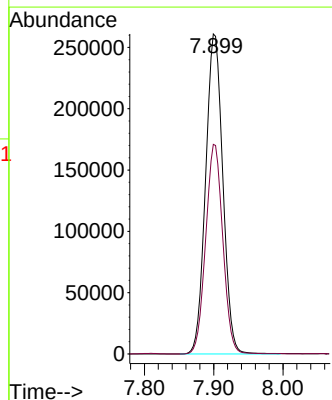
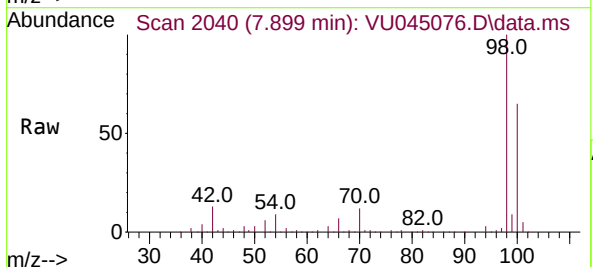
Instrument :
MSVOA_U
ClientSampleId :
229-342

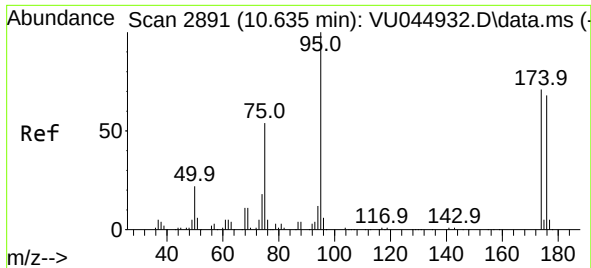
Tgt Ion:	43	Resp:	22914
Ion Ratio	Lower	Upper	
43	100		
61	19.9	16.1	24.1
87	13.1	10.3	15.5



#50
Toluene-d8
Concen: 50.934 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. -0.003 min
Lab File: VU045076.D
Acq: 01 Oct 2021 16:25

Tgt Ion:	98	Resp:	449112
Ion Ratio	Lower	Upper	
98	100		
100	65.2	52.5	78.7

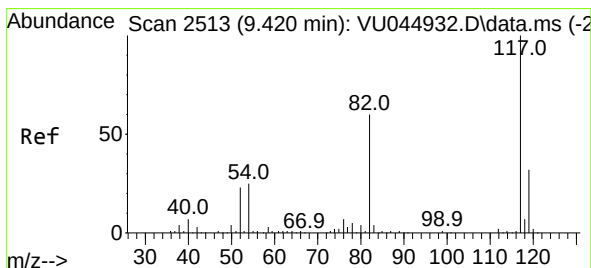
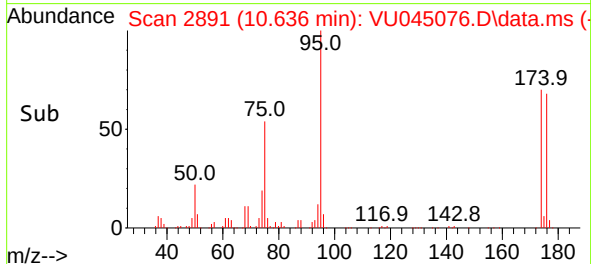
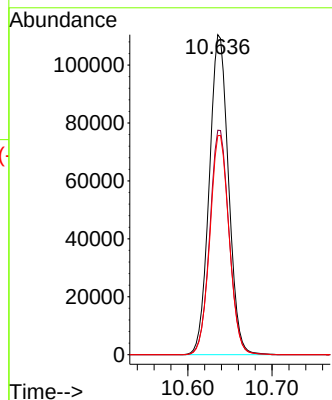
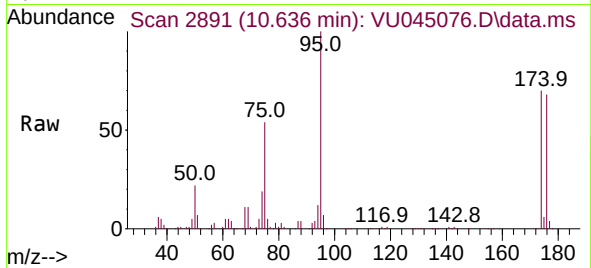




#62
4-Bromofluorobenzene
Concen: 48.239 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.001 min
Lab File: VU045076.D
Acq: 01 Oct 2021 16:25

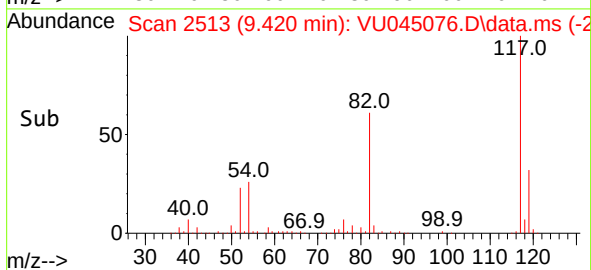
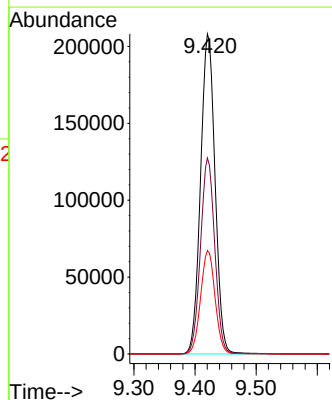
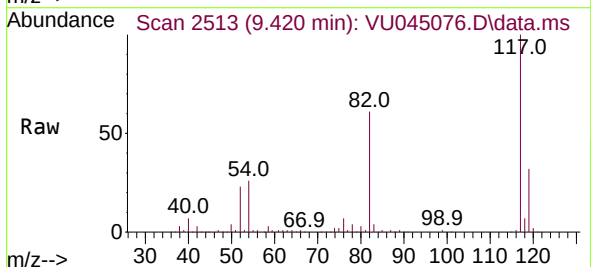
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MSVOA_U
ClientSampleId :
229-342

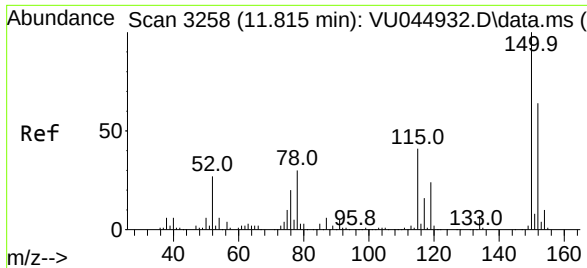
Tgt Ion: 95 Resp: 175605
Ion Ratio Lower Upper
95 100
174 70.3 0.0 146.6
176 68.4 0.0 141.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045076.D
Acq: 01 Oct 2021 16:25

Tgt Ion: 117 Resp: 343265
Ion Ratio Lower Upper
117 100
82 61.2 47.8 71.8
119 32.3 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: VU045076.D
 Acq: 01 Oct 2021 16:25

Instrument :
 MSVOA_U
 ClientSampleId :
 229-342

Tgt Ion:152 Resp: 162433
 Ion Ratio Lower Upper
 152 100
 115 62.3 43.5 130.7
 150 156.8 0.0 350.0

