

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092521\
 Data File : VU044873.D
 Acq On : 26 Sep 2021 06:15
 Operator : SY/MD
 Sample : M3888-09
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 40456

Quant Time: Sep 27 03:17:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092421W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 25 09:30:46 2021
 Response via : Initial Calibration

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

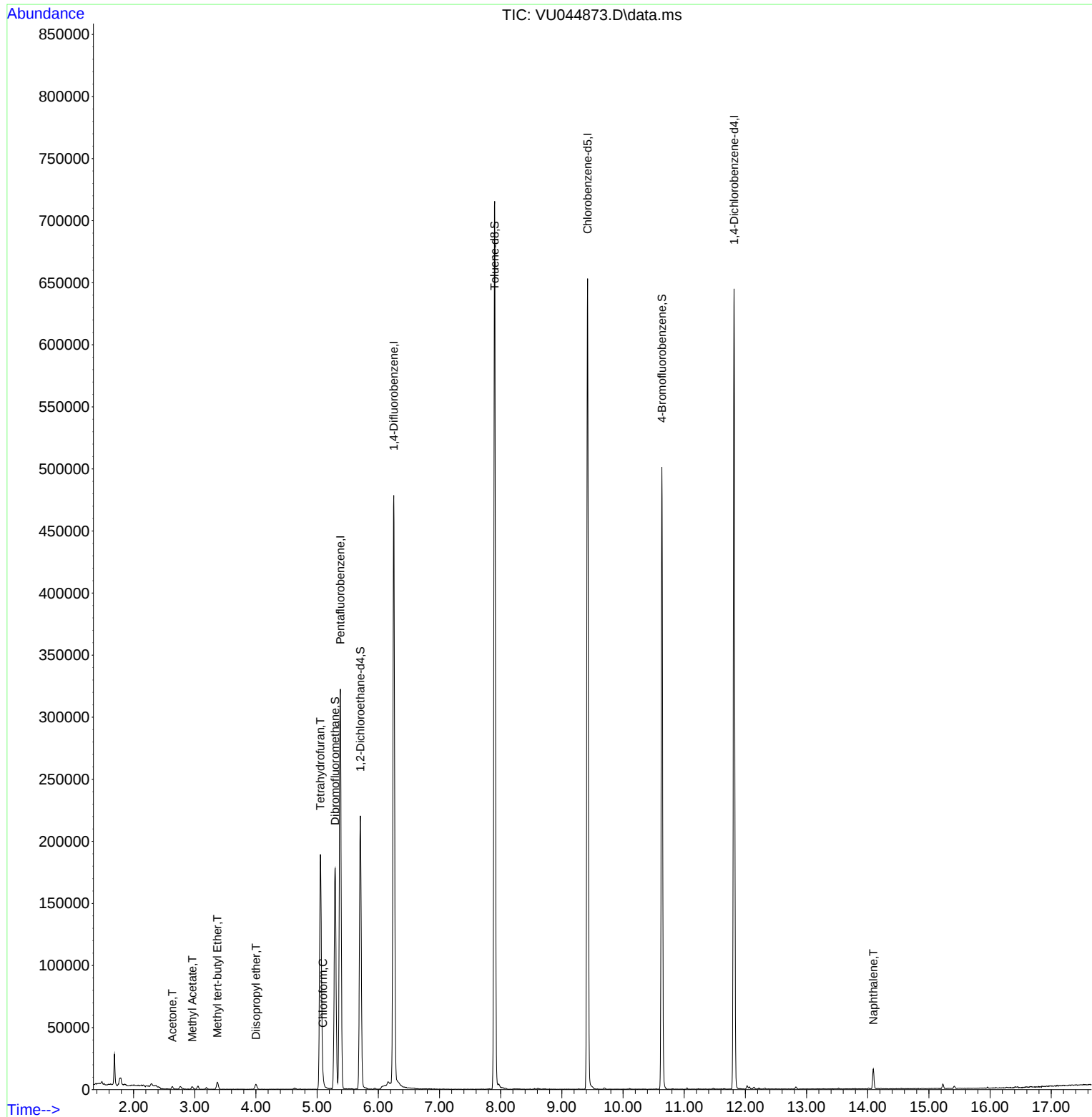
Internal Standards						
1) Pentafluorobenzene	5.379	168	208609	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	364455	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	336549	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	154475	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.707	65	166378	45.698	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.400%	
35) Dibromofluoromethane	5.292	113	115252	46.097	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.200%	
50) Toluene-d8	7.903	98	462231	48.951	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.900%	
62) 4-Bromofluorobenzene	10.636	95	165482	47.183	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.360%	
Target Compounds						
						Qvalue
16) Acetone	2.633	43	2437	1.187	ug/l	98
18) Methyl Acetate	2.961	43	2995	0.437	ug/l	92
19) Methyl tert-butyl Ether	3.369	73	6041	0.644	ug/l	98
22) Diisopropyl ether	4.002	45	4227	0.439	ug/l #	72
29) Tetrahydrofuran	5.054	42	127360	64.968	ug/l	98
30) Chloroform	5.096	83	2884	0.513	ug/l	92
95) Naphthalene	14.092	128	12913	2.012	ug/l	99

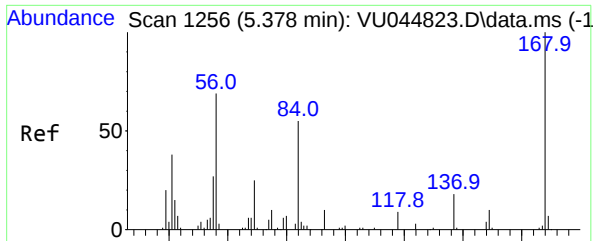
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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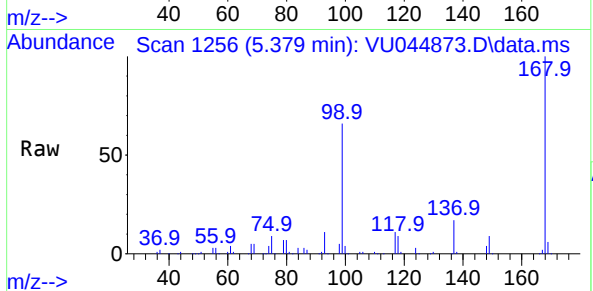
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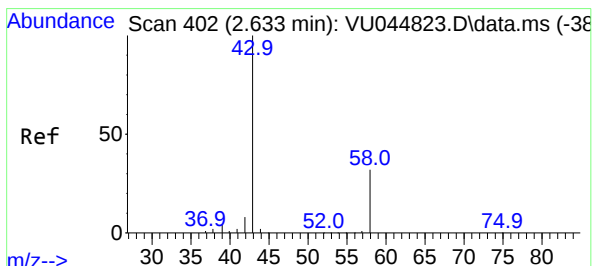
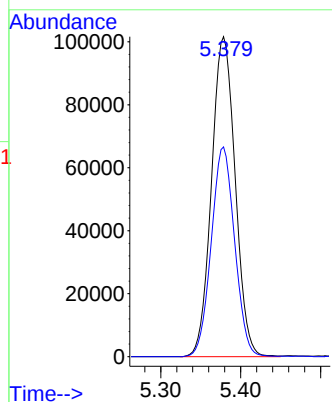
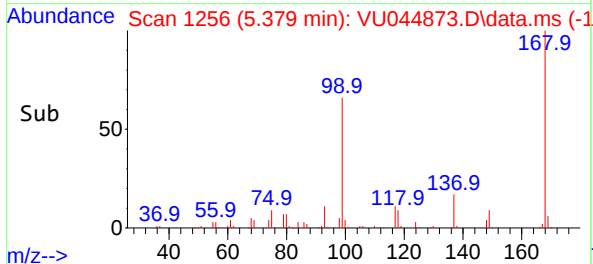


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.379 min Scan# 1256
Delta R.T. 0.001 min
Lab File: VU044873.D
Acq: 26 Sep 2021 06:15

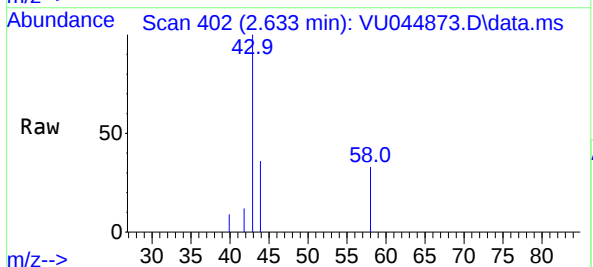
Instrument :
MSVOA_U
ClientSampleId :
40456



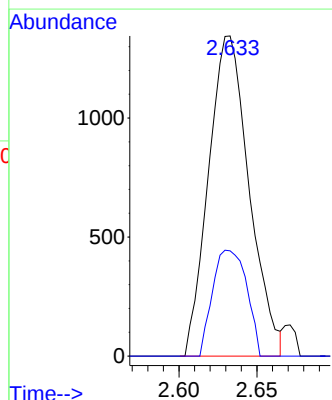
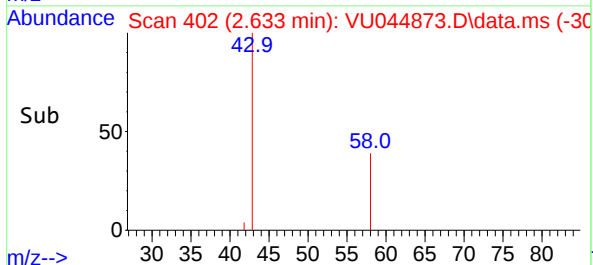
Tgt Ion:168 Resp: 208609
Ion Ratio Lower Upper
168 100
99 65.6 51.4 77.0

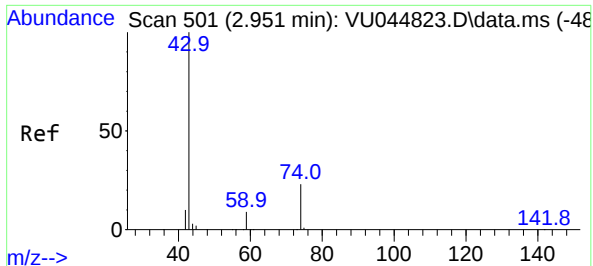


#16
Acetone
Concen: 1.187 ug/l
RT: 2.633 min Scan# 402
Delta R.T. 0.000 min
Lab File: VU044873.D
Acq: 26 Sep 2021 06:15



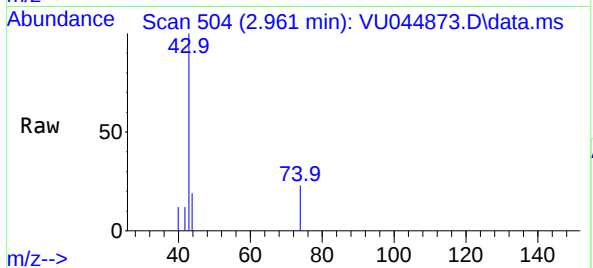
Tgt Ion: 43 Resp: 2437
Ion Ratio Lower Upper
43 100
58 32.9 25.2 37.8



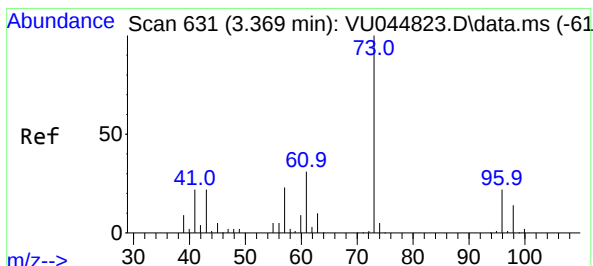
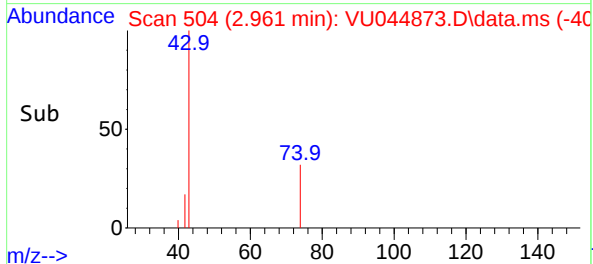
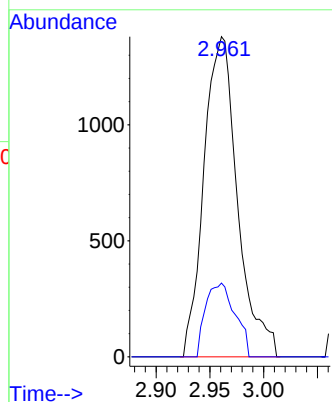


#18
Methyl Acetate
Concen: 0.437 ug/l
RT: 2.961 min Scan# 504
Delta R.T. 0.010 min
Lab File: VU044873.D
Acq: 26 Sep 2021 06:15

Instrument :
MSVOA_U
ClientSampleId :
40456

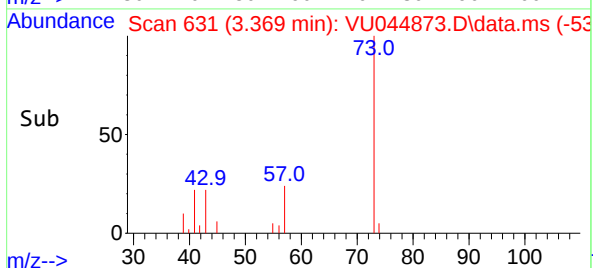
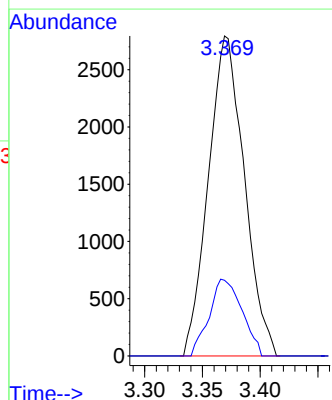
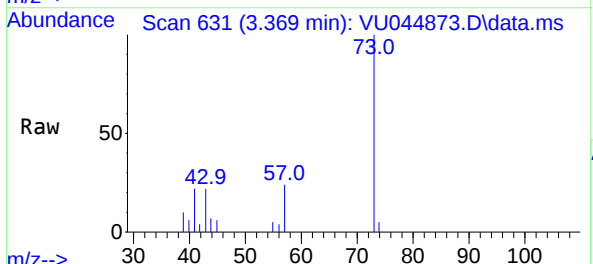


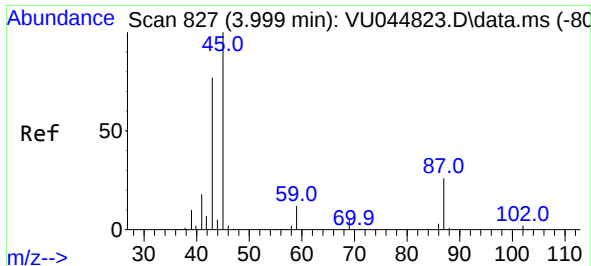
Tgt Ion: 43 Resp: 2995
Ion Ratio Lower Upper
43 100
74 20.1 19.0 28.6



#19
Methyl tert-butyl Ether
Concen: 0.644 ug/l
RT: 3.369 min Scan# 631
Delta R.T. 0.000 min
Lab File: VU044873.D
Acq: 26 Sep 2021 06:15

Tgt Ion: 73 Resp: 6041
Ion Ratio Lower Upper
73 100
57 23.6 18.2 27.2



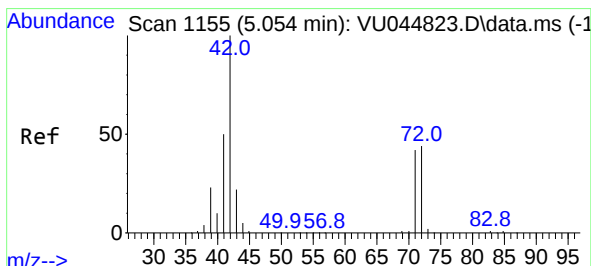
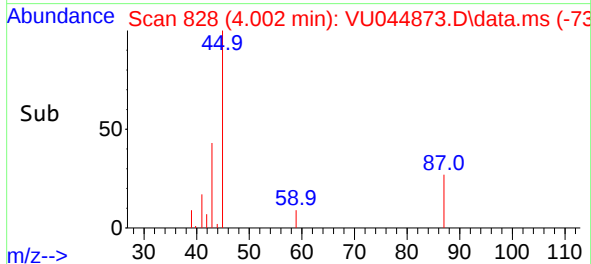
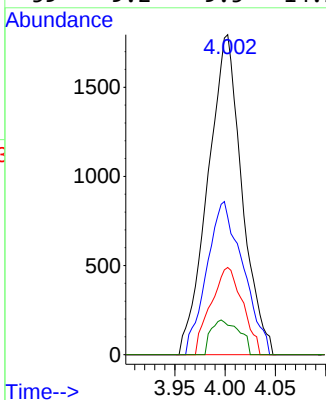
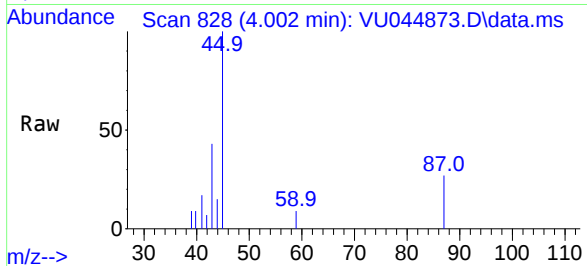


#22
Diisopropyl ether
Concen: 0.439 ug/l
RT: 4.002 min Scan# 828
Delta R.T. 0.003 min
Lab File: VU044873.D
Acq: 26 Sep 2021 06:15

Instrument :
MSVOA_U
ClientSampleId :
40456

Tgt Ion: 45 Resp: 4227

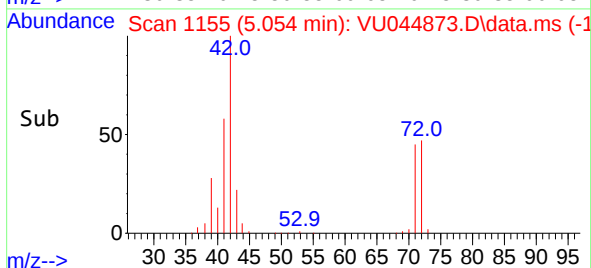
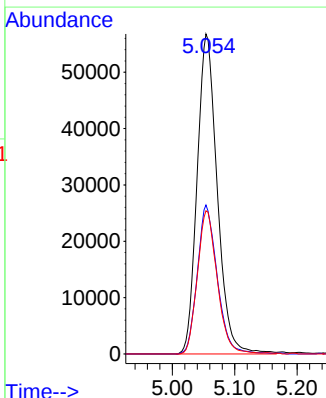
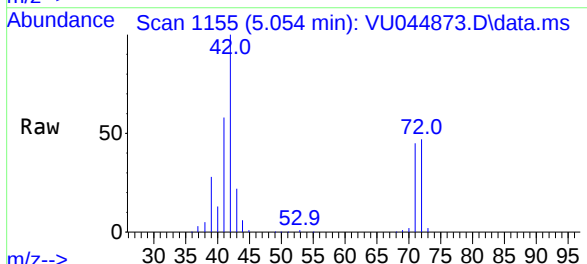
Ion	Ratio	Lower	Upper
45	100		
43	43.0	62.3	93.5#
87	27.2	21.0	31.4
59	9.2	9.5	14.3#

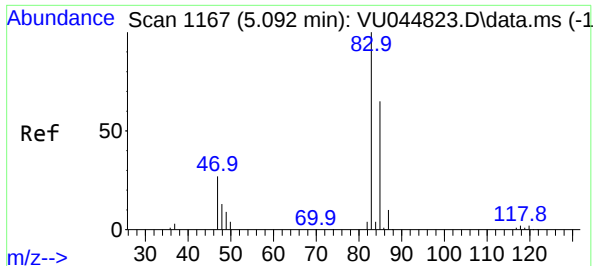


#29
Tetrahydrofuran
Concen: 64.968 ug/l
RT: 5.054 min Scan# 1155
Delta R.T. 0.000 min
Lab File: VU044873.D
Acq: 26 Sep 2021 06:15

Tgt Ion: 42 Resp: 127360

Ion	Ratio	Lower	Upper
42	100		
72	45.8	36.2	54.4
71	44.1	34.1	51.1



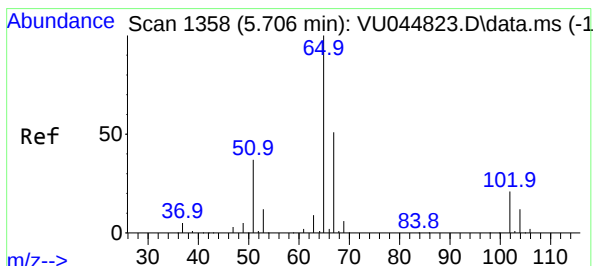
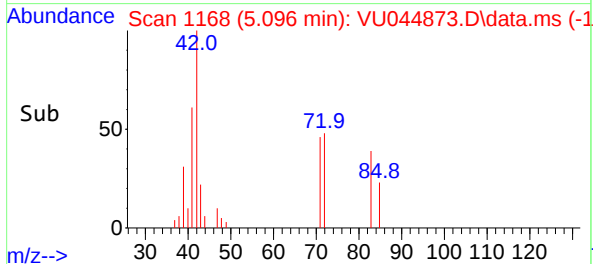
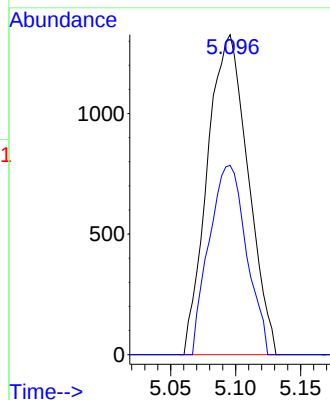
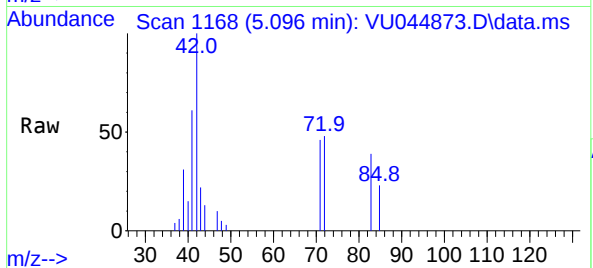


#30

Chloroform
Concen: 0.513 ug/l
RT: 5.096 min Scan# 1168
Delta R.T. 0.003 min
Lab File: VU044873.D
Acq: 26 Sep 2021 06:15

Instrument :
MSVOA_U
ClientSampled :
40456

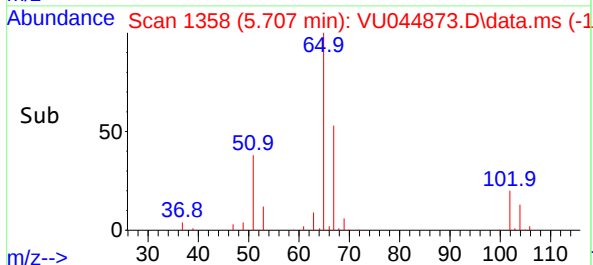
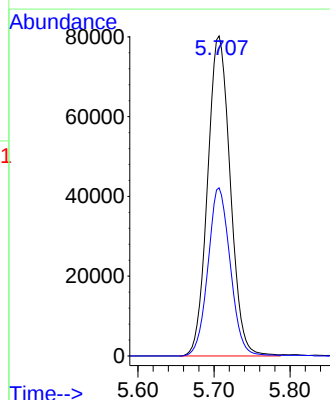
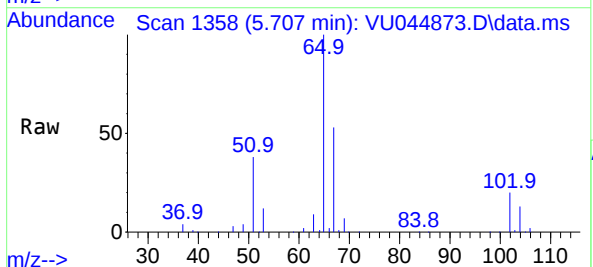
Tgt Ion: 83 Resp: 2884
Ion Ratio Lower Upper
83 100
85 59.2 52.1 78.1

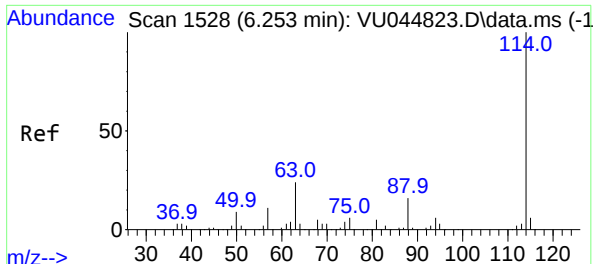


#33

1,2-Dichloroethane-d4
Concen: 45.698 ug/l
RT: 5.707 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VU044873.D
Acq: 26 Sep 2021 06:15

Tgt Ion: 65 Resp: 166378
Ion Ratio Lower Upper
65 100
67 51.6 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: VU044873.D

Acq: 26 Sep 2021 06:15

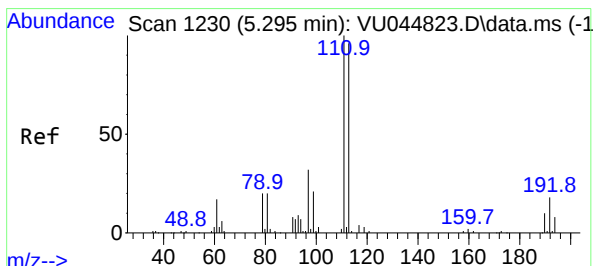
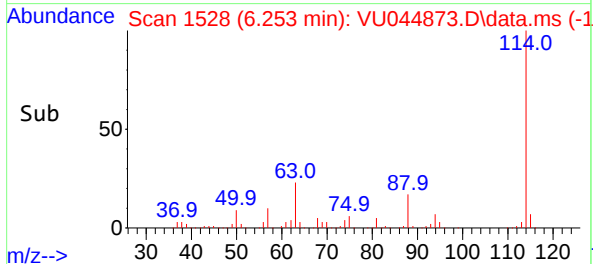
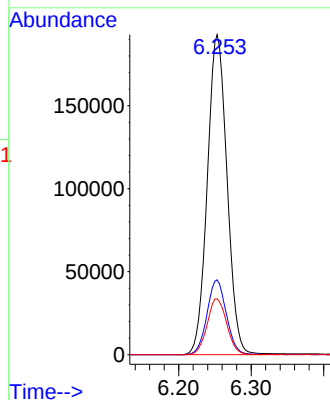
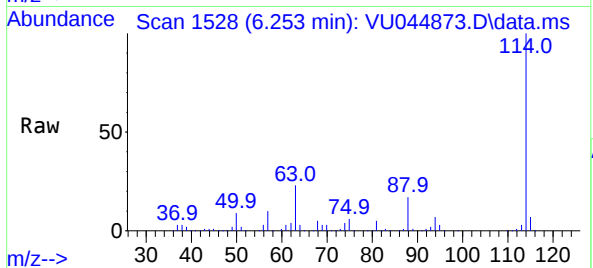
Tgt Ion:114 Resp: 364455

Ion Ratio Lower Upper

114 100

63 23.4 0.0 47.8

88 17.4 0.0 32.8



#35

Dibromofluoromethane

Concen: 46.097 ug/l

RT: 5.292 min Scan# 1229

Delta R.T. -0.003 min

Lab File: VU044873.D

Acq: 26 Sep 2021 06:15

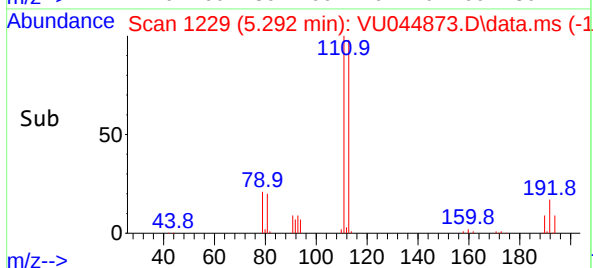
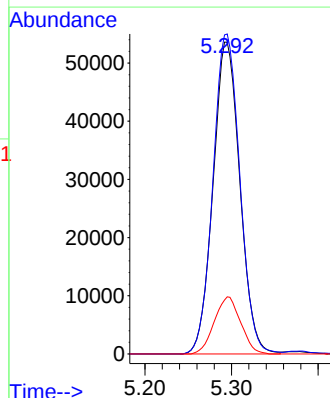
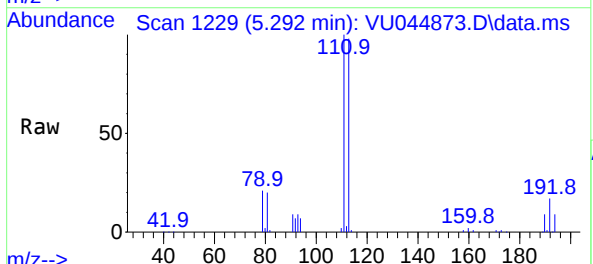
Tgt Ion:113 Resp: 115252

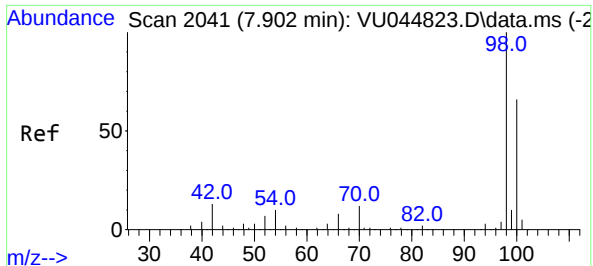
Ion Ratio Lower Upper

113 100

111 102.7 84.1 126.1

192 18.0 14.8 22.2

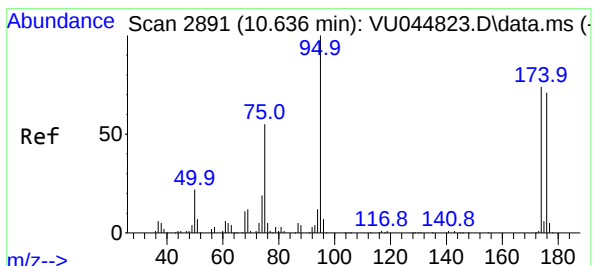
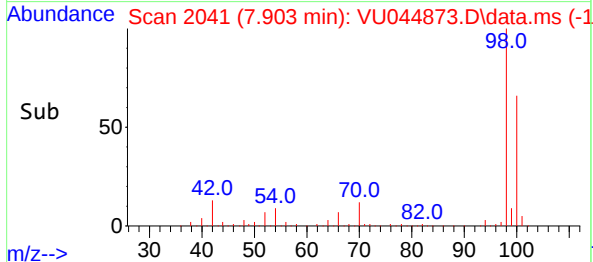
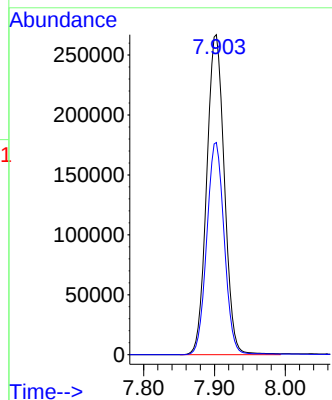
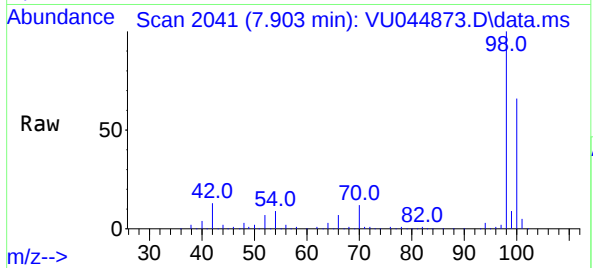




#50
Toluene-d8
Concen: 48.951 ug/l
RT: 7.903 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VU044873.D
Acq: 26 Sep 2021 06:15

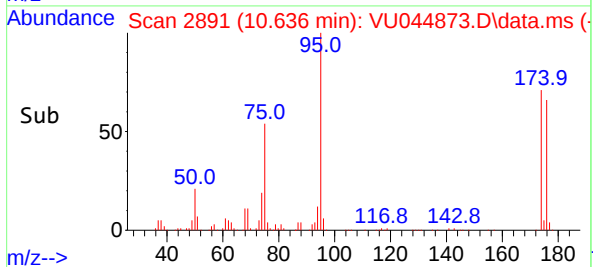
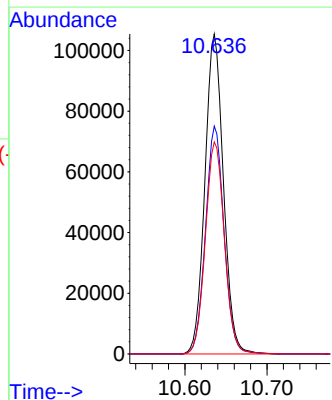
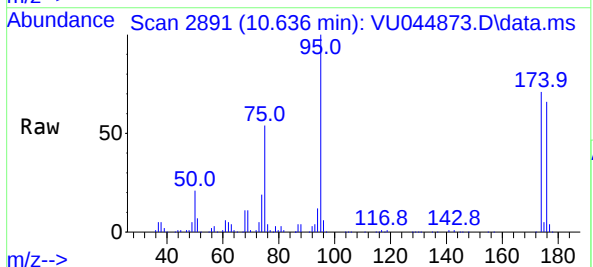
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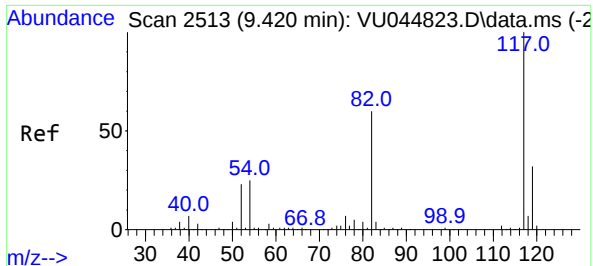
Tgt Ion: 98 Resp: 462231
Ion Ratio Lower Upper
98 100
100 65.7 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 47.183 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.000 min
Lab File: VU044873.D
Acq: 26 Sep 2021 06:15

Tgt Ion: 95 Resp: 165482
Ion Ratio Lower Upper
95 100
174 71.4 0.0 146.6
176 67.9 0.0 141.2

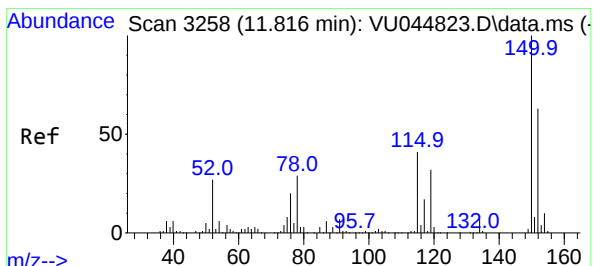
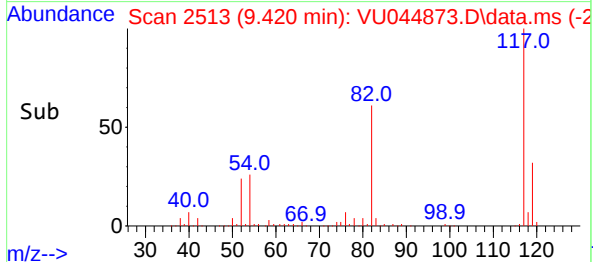
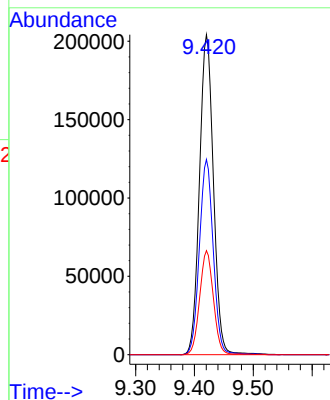
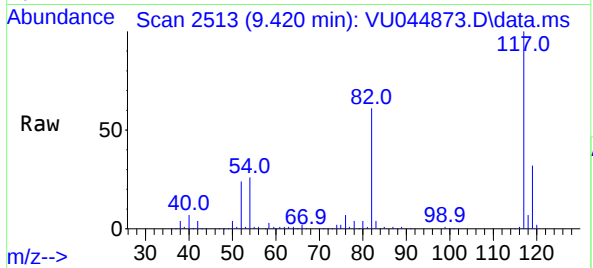




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU044873.D
Acq: 26 Sep 2021 06:15

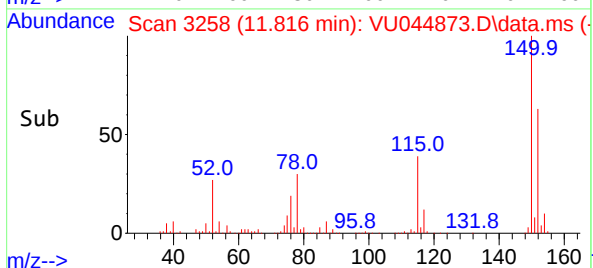
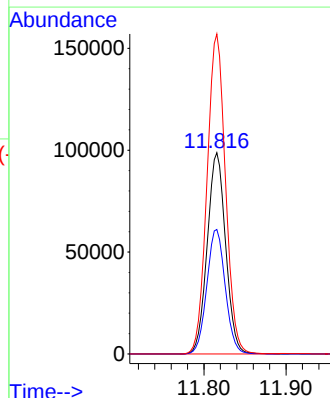
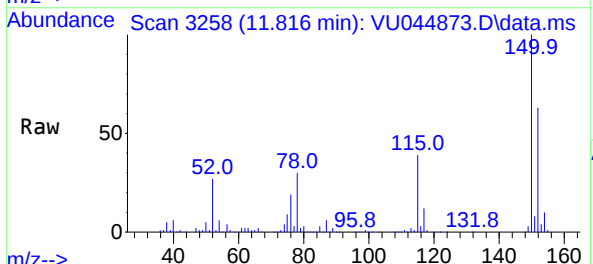
Instrument :
MSVOA_U
ClientSampled :
40456

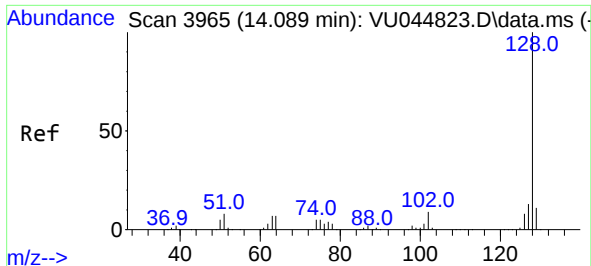
Tgt Ion:117 Resp: 336549
Ion Ratio Lower Upper
117 100
82 61.0 47.8 71.8
119 32.5 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.816 min Scan# 3258
Delta R.T. 0.000 min
Lab File: VU044873.D
Acq: 26 Sep 2021 06:15

Tgt Ion:152 Resp: 154475
Ion Ratio Lower Upper
152 100
115 61.9 43.5 130.7
150 159.0 0.0 350.0





#95
Naphthalene
Concen: 2.012 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. 0.003 min
Lab File: VU044873.D
Acq: 26 Sep 2021 06:15

Instrument :
MSVOA_U
ClientSampleId :
40456

Tgt Ion:	128	Resp:	12913
Ion	Ratio	Lower	Upper
128	100		
127	12.1	10.4	15.6
129	10.6	8.6	13.0

