

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100121\
 Data File : VU045078.D
 Acq On : 01 Oct 2021 17:12
 Operator : SY/MD
 Sample : M3823-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DKM-ENV-IC

Quant Time: Oct 02 03:12:52 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)

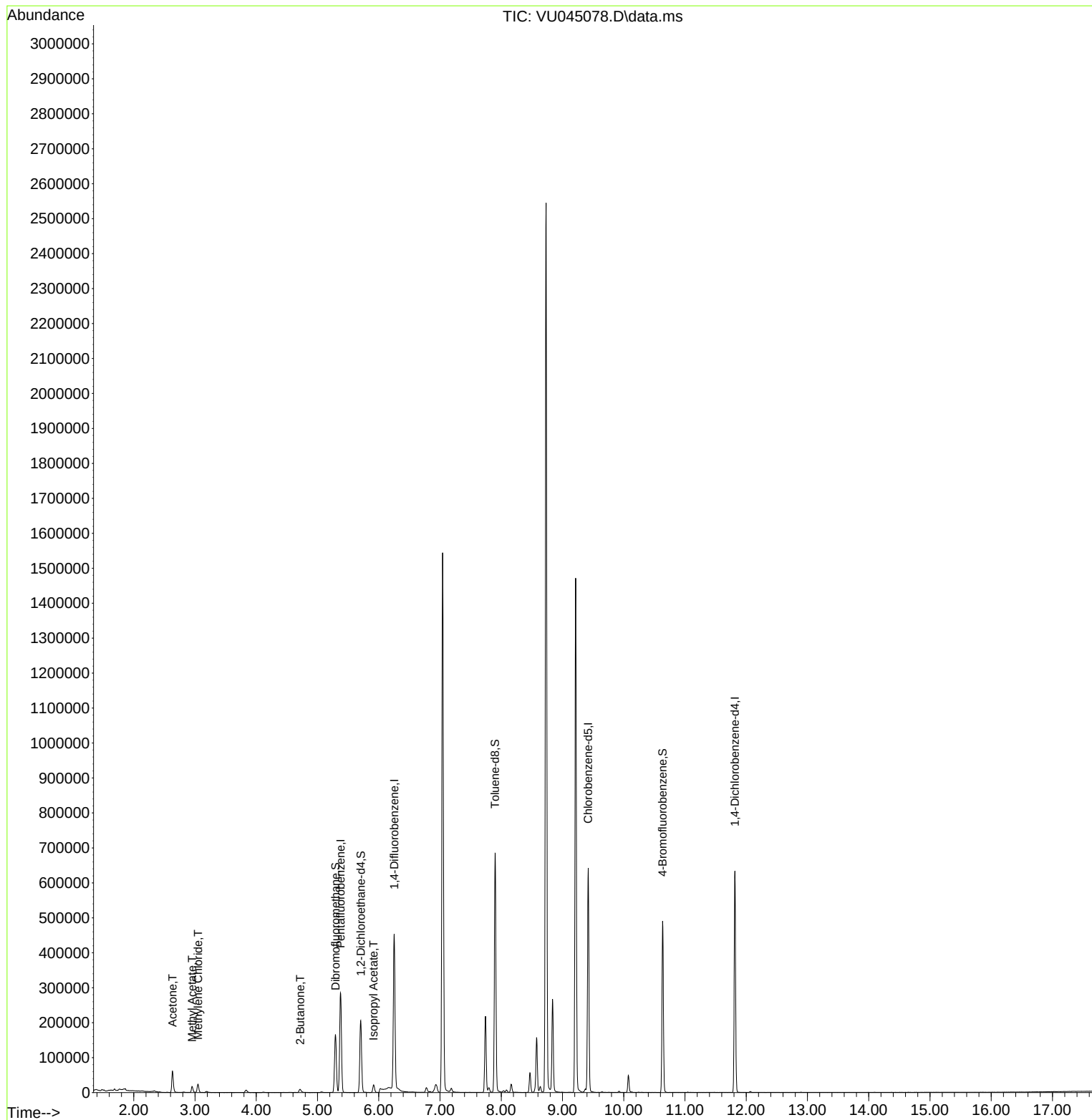
Internal Standards						
1) Pentafluorobenzene	5.375	168	184769	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	341711	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	329575	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	151099	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	156118	50.758	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.520%
35) Dibromofluoromethane	5.295	113	106801	49.545	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.100%
50) Toluene-d8	7.899	98	440530	51.722	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	103.440%
62) 4-Bromofluorobenzene	10.636	95	163575	46.518	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.040%
Target Compounds						
					Qvalue	
16) Acetone	2.633	43	71314	39.062	ug/l	99
18) Methyl Acetate	2.951	43	21492	4.028	ug/l	100
20) Methylene Chloride	3.051	84	11404	4.147	ug/l	92
25) 2-Butanone	4.716	43	15685	6.047	ug/l	100
43) Isopropyl Acetate	5.915	43	23797	3.345	ug/l	98

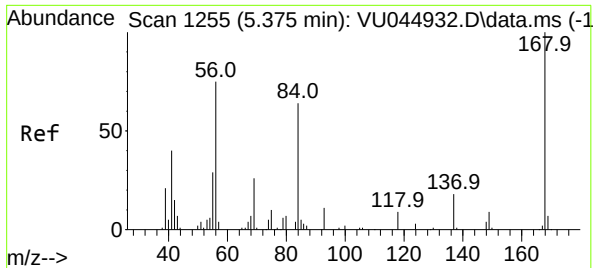
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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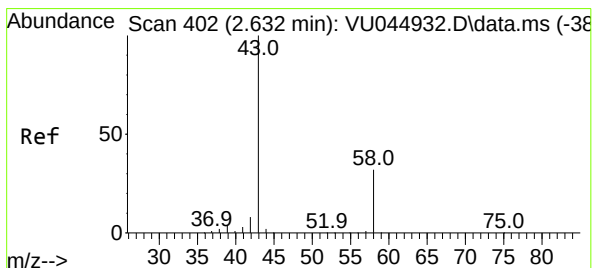
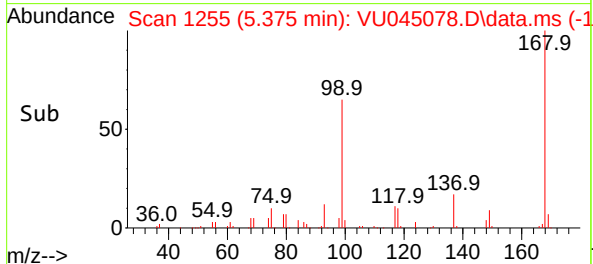
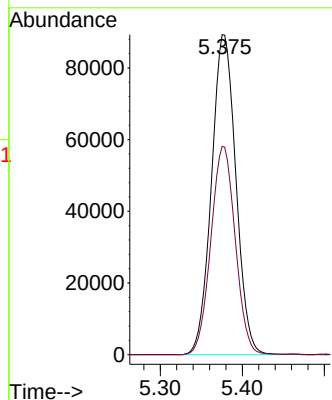
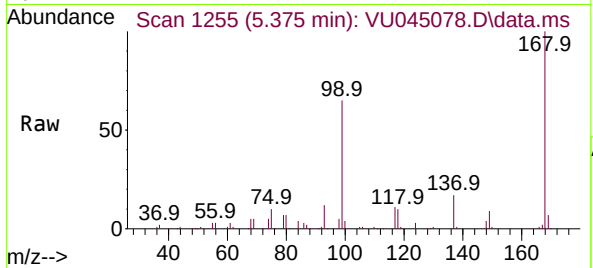




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. 0.000 min
Lab File: VU045078.D
Acq: 01 Oct 2021 17:12

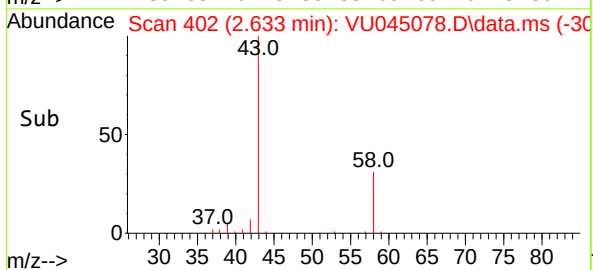
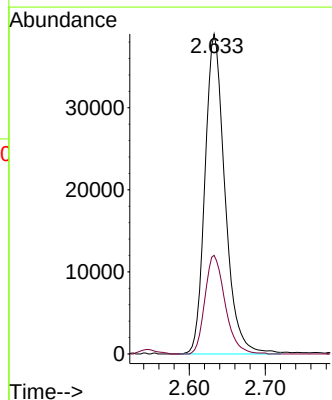
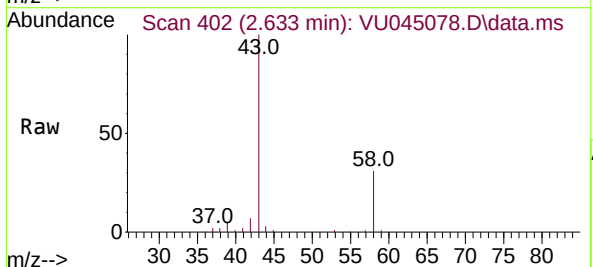
Instrument :
MSVOA_U
ClientSampleId :
DKM-ENV-IC

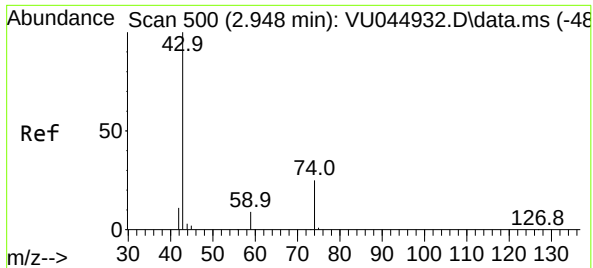
Tgt Ion:168 Resp: 184769
Ion Ratio Lower Upper
168 100
99 65.1 51.4 77.0



#16
Acetone
Concen: 39.062 ug/l
RT: 2.633 min Scan# 402
Delta R.T. 0.001 min
Lab File: VU045078.D
Acq: 01 Oct 2021 17:12

Tgt Ion: 43 Resp: 71314
Ion Ratio Lower Upper
43 100
58 30.8 25.2 37.8

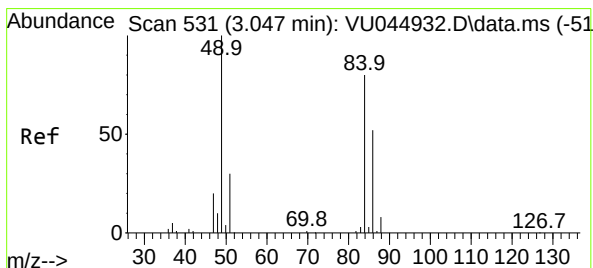
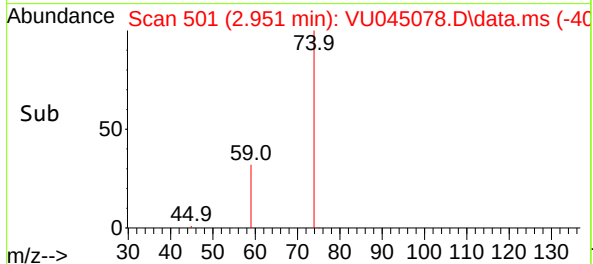
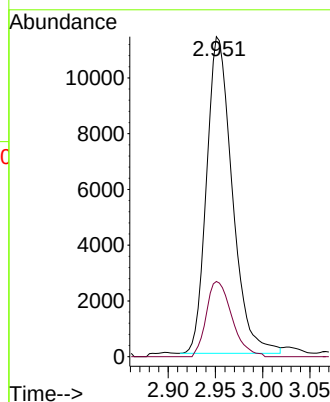
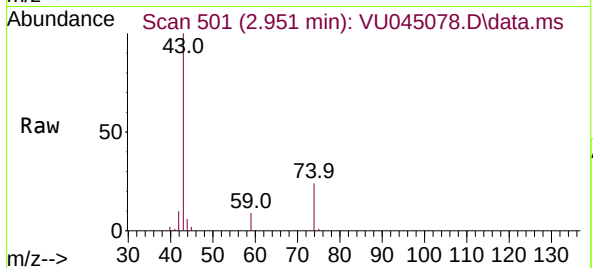




#18
Methyl Acetate
Concen: 4.028 ug/l
RT: 2.951 min Scan# 501
Delta R.T. 0.003 min
Lab File: VU045078.D
Acq: 01 Oct 2021 17:12

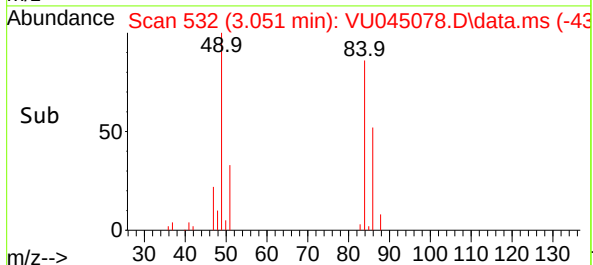
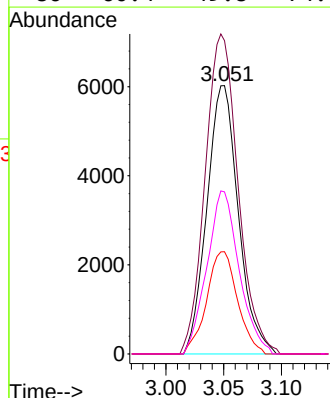
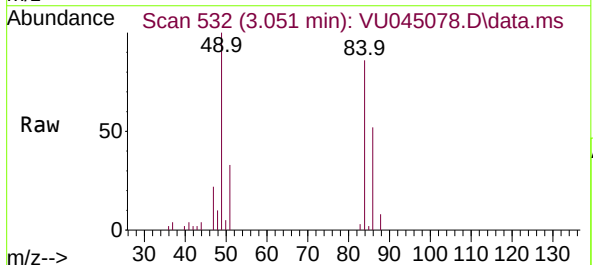
Instrument :
MSVOA_U
ClientSampleId :
DKM-ENV-IC

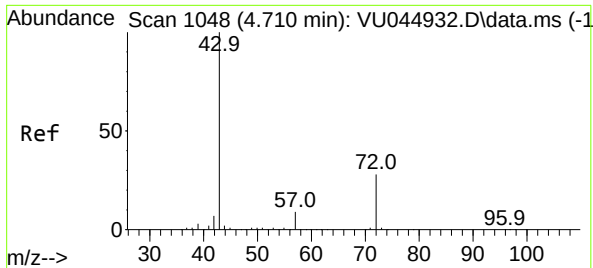
Tgt Ion: 43 Resp: 21492
Ion Ratio Lower Upper
43 100
74 23.6 19.0 28.6



#20
Methylene Chloride
Concen: 4.147 ug/l
RT: 3.051 min Scan# 532
Delta R.T. 0.004 min
Lab File: VU045078.D
Acq: 01 Oct 2021 17:12

Tgt Ion: 84 Resp: 11404
Ion Ratio Lower Upper
84 100
49 116.7 104.9 157.3
51 38.1 31.8 47.8
86 60.4 49.8 74.6

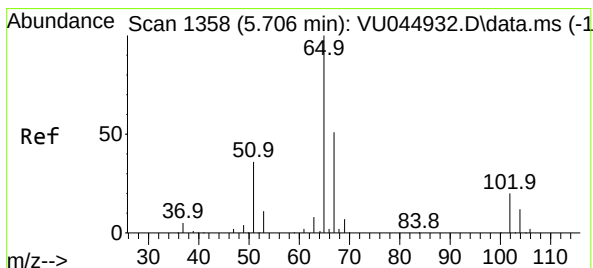
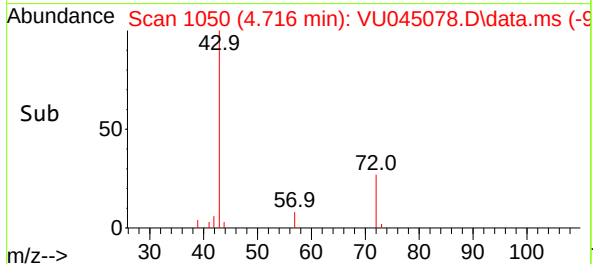
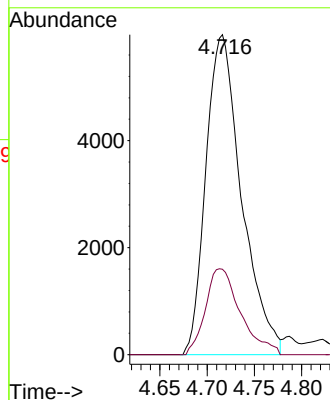
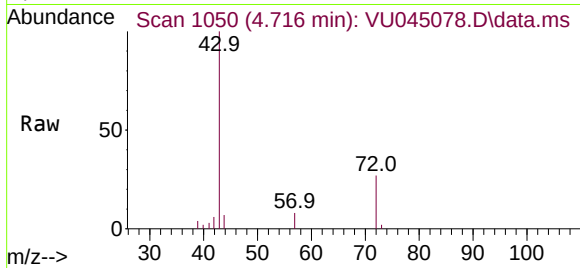




#25
2-Butanone
Concen: 6.047 ug/l
RT: 4.716 min Scan# 1050
Delta R.T. 0.006 min
Lab File: VU045078.D
Acq: 01 Oct 2021 17:12

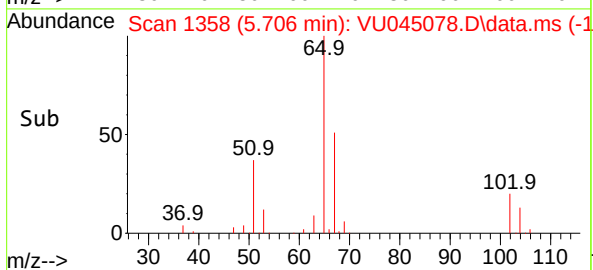
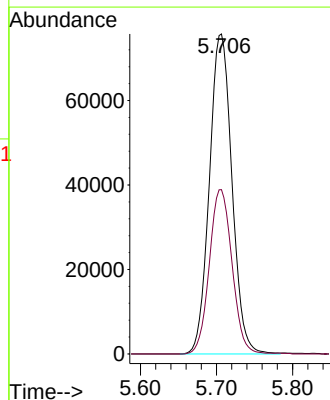
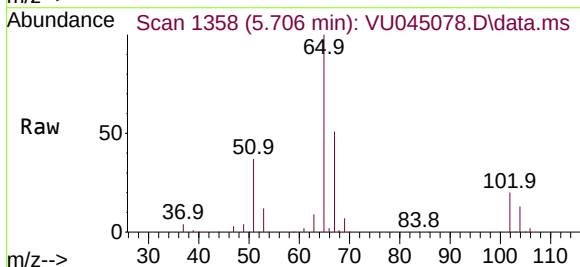
Instrument :
MSVOA_U
ClientSampleId :
DKM-ENV-IC

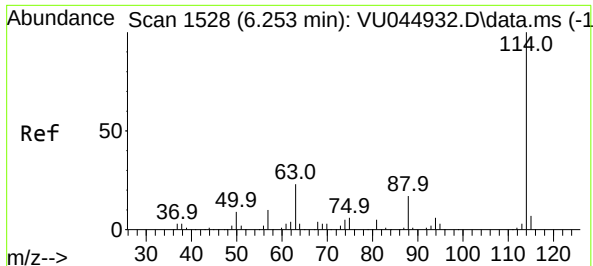
Tgt Ion: 43 Resp: 15685
Ion Ratio Lower Upper
43 100
72 26.7 21.3 31.9



#33
1,2-Dichloroethane-d4
Concen: 50.758 ug/l
RT: 5.706 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VU045078.D
Acq: 01 Oct 2021 17:12

Tgt Ion: 65 Resp: 156118
Ion Ratio Lower Upper
65 100
67 51.7 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: VU045078.D

Acq: 01 Oct 2021 17:12

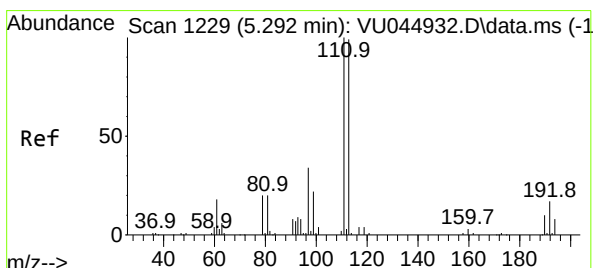
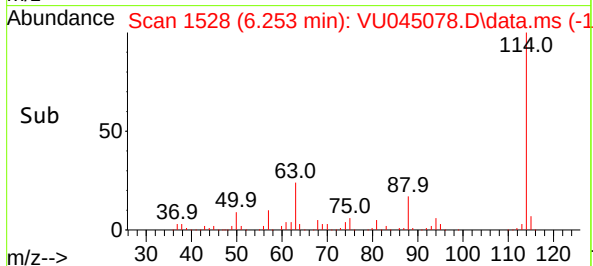
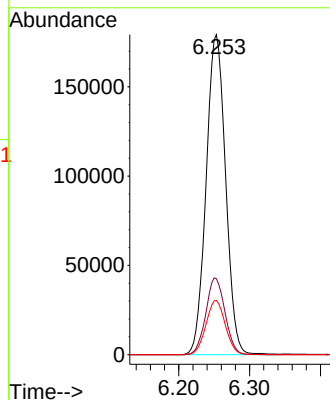
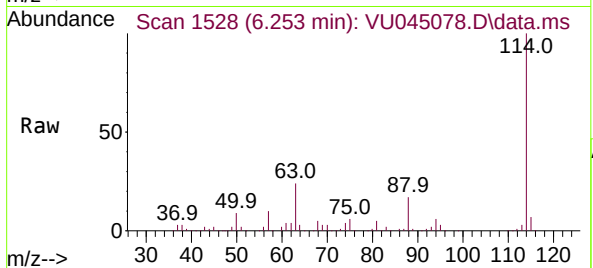
Tgt Ion:114 Resp: 341711

Ion Ratio Lower Upper

114 100

63 23.7 0.0 47.8

88 17.0 0.0 32.8



#35

Dibromofluoromethane

Concen: 49.545 ug/l

RT: 5.295 min Scan# 1230

Delta R.T. 0.003 min

Lab File: VU045078.D

Acq: 01 Oct 2021 17:12

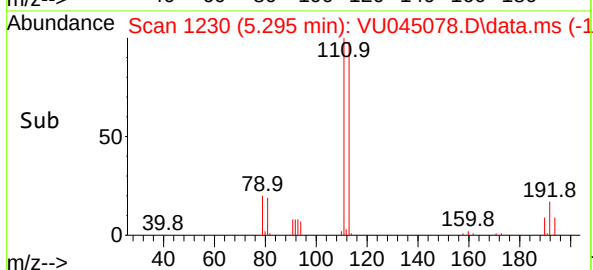
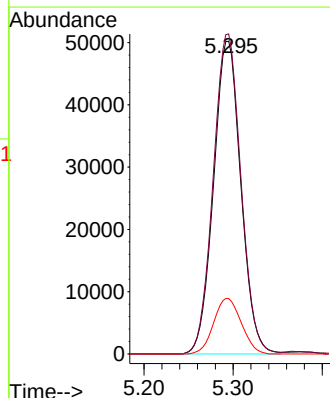
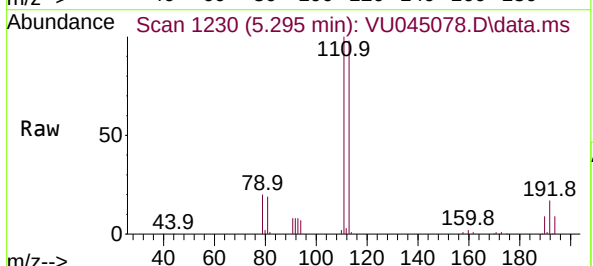
Tgt Ion:113 Resp: 106801

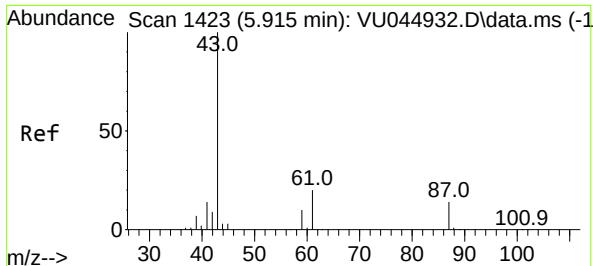
Ion Ratio Lower Upper

113 100

111 103.9 84.1 126.1

192 18.0 14.8 22.2

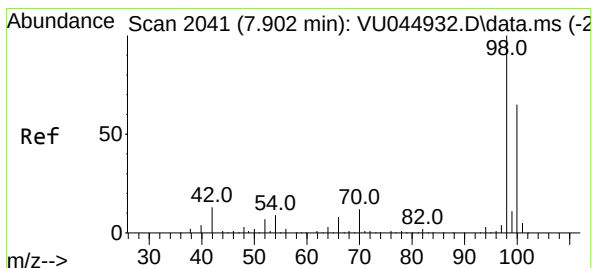
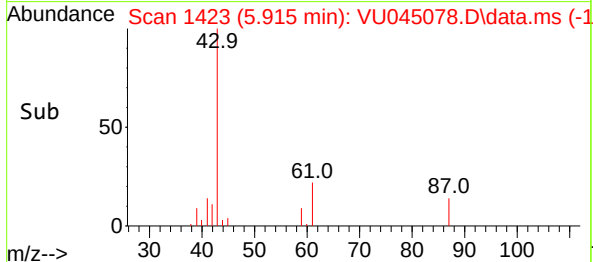
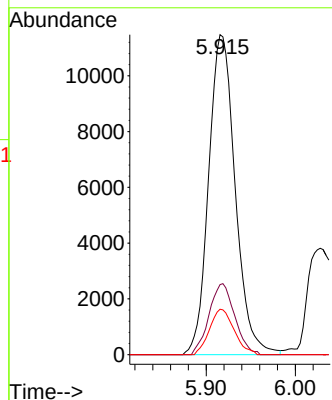
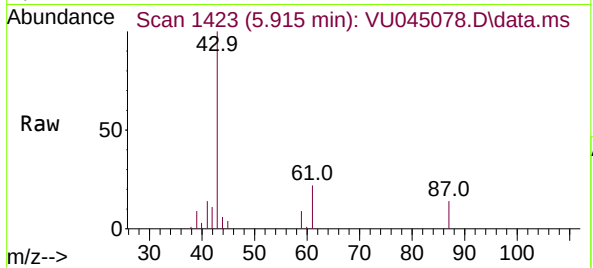




#43
Isopropyl Acetate
Concen: 3.345 ug/l
RT: 5.915 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VU045078.D
Acq: 01 Oct 2021 17:12

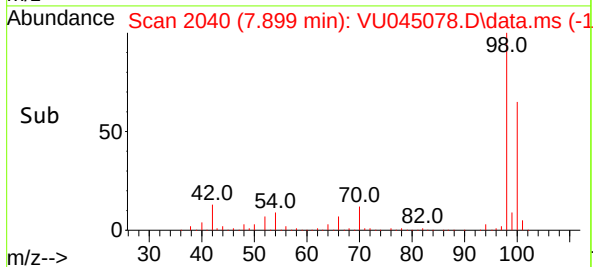
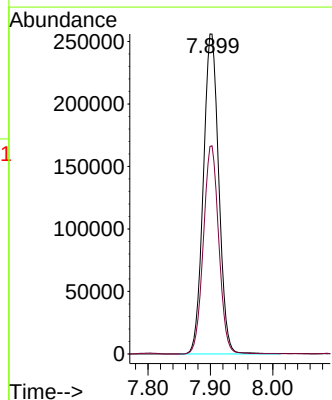
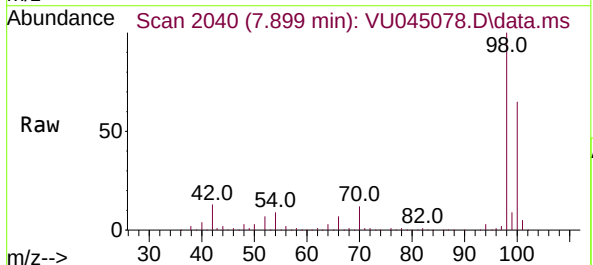
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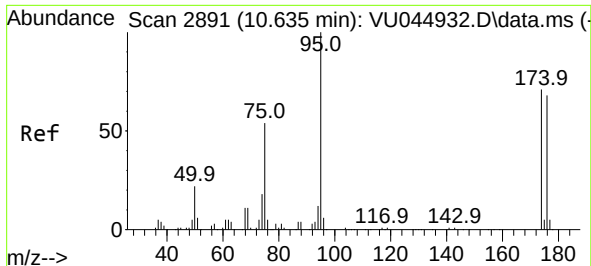
Tgt Ion:	43	Resp:	23797
Ion	Ratio	Lower	Upper
43	100		
61	21.4	16.1	24.1
87	13.1	10.3	15.5



#50
Toluene-d8
Concen: 51.722 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. -0.003 min
Lab File: VU045078.D
Acq: 01 Oct 2021 17:12

Tgt Ion:	98	Resp:	440530
Ion	Ratio	Lower	Upper
98	100		
100	64.8	52.5	78.7

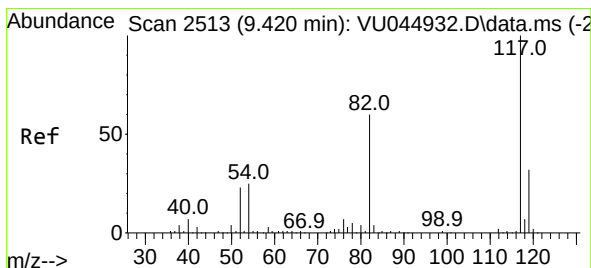
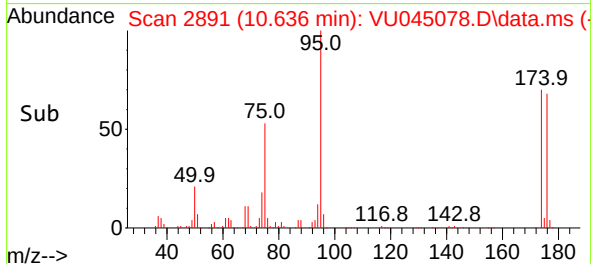
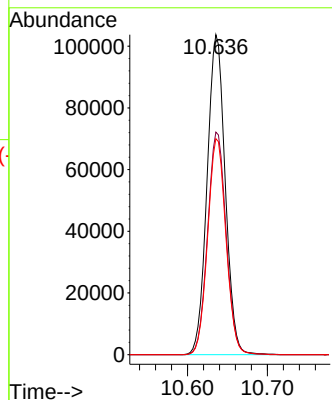
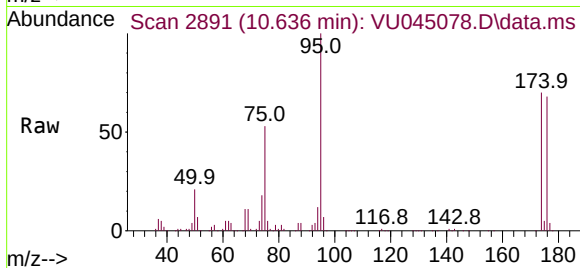




#62
4-Bromofluorobenzene
Concen: 46.518 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.001 min
Lab File: VU045078.D
Acq: 01 Oct 2021 17:12

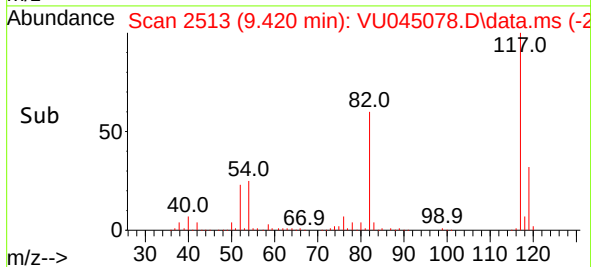
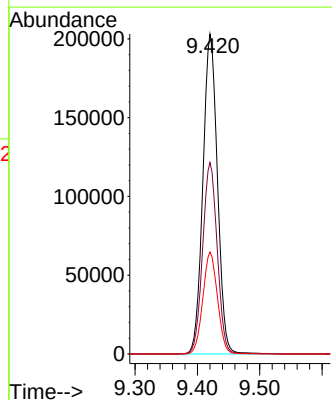
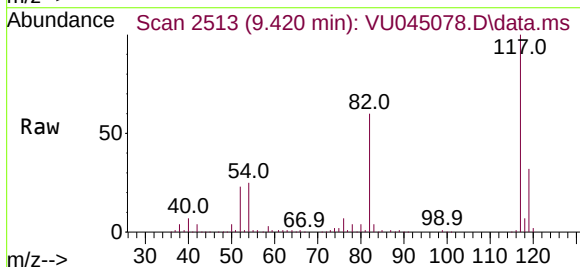
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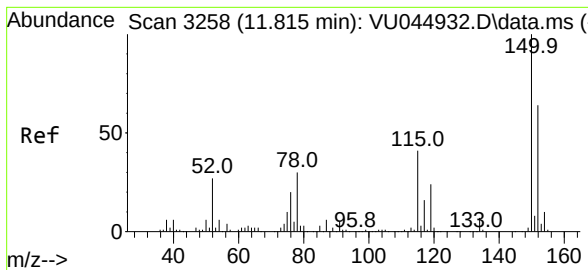
Tgt Ion: 95 Resp: 163575
Ion Ratio Lower Upper
95 100
174 71.1 0.0 146.6
176 68.2 0.0 141.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045078.D
Acq: 01 Oct 2021 17:12

Tgt Ion: 117 Resp: 329575
Ion Ratio Lower Upper
117 100
82 59.8 47.8 71.8
119 31.8 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: VU045078.D
 Acq: 01 Oct 2021 17:12

Instrument :
 MSVOA_U
 ClientSampleId :
 DKM-ENV-IC

Tgt Ion:152 Resp: 151099
 Ion Ratio Lower Upper
 152 100
 115 62.5 43.5 130.7
 150 159.6 0.0 350.0

