

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053123\
 Data File : VU054342.D
 Acq On : 31 May 2023 17:00
 Operator : JC/MD
 Sample : PB153123ZHE#01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PB153123ZHE#01

Quant Time: Jun 01 05:23:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052523W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 26 06:40:51 2023
 Response via : Initial Calibration

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

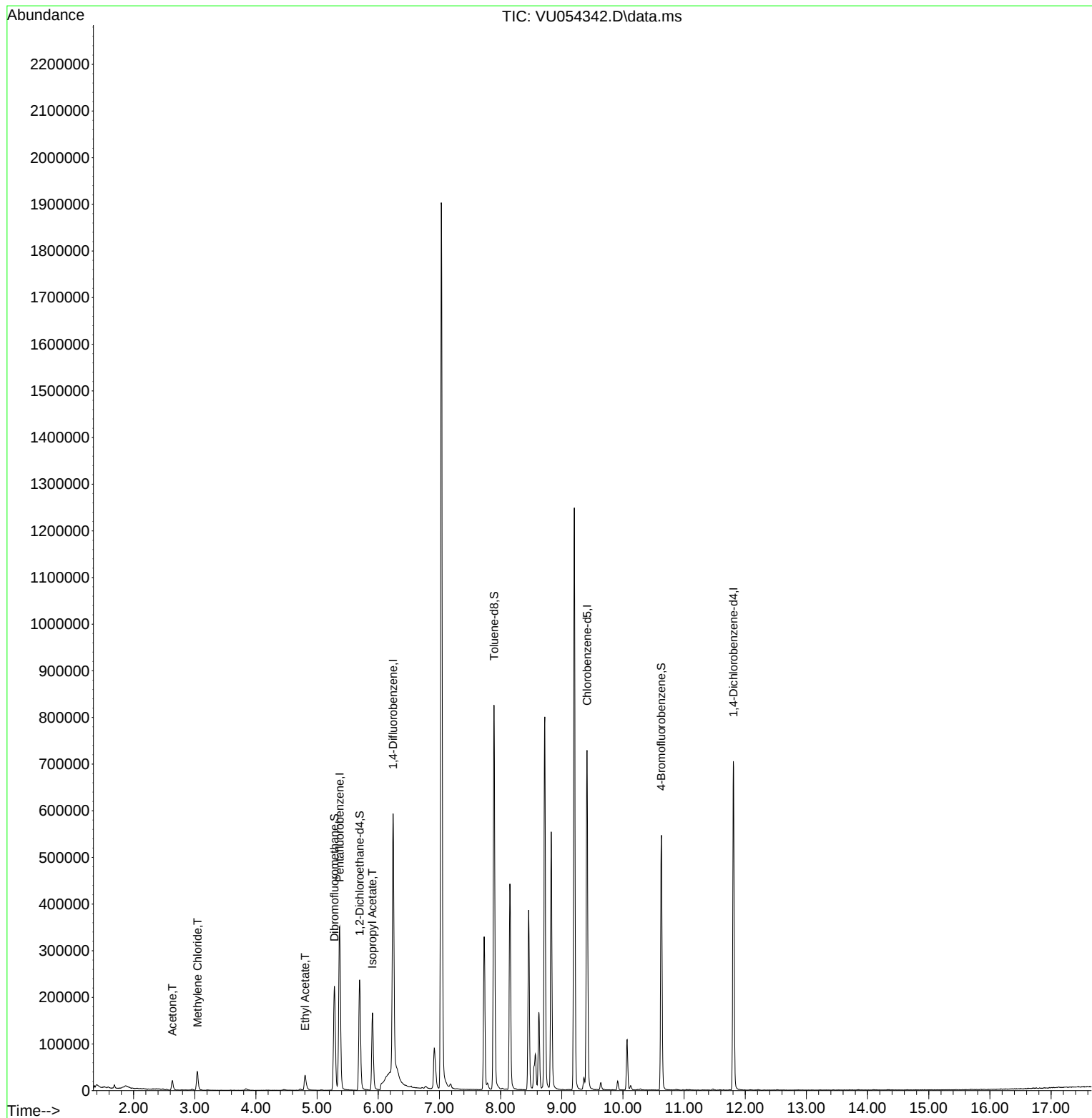
Internal Standards						
1) Pentafluorobenzene	5.369	168	256655	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.243	114	450394	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.414	117	417937	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.806	152	189152	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.697	65	176573	52.481	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	104.960%
35) Dibromofluoromethane	5.282	113	144323	49.759	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.520%
50) Toluene-d8	7.893	98	549007	49.763	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.520%
62) 4-Bromofluorobenzene	10.629	95	183248	42.838	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	85.680%
Target Compounds						
					Qvalue	
16) Acetone	2.636	43	25350	13.145	ug/l	99
20) Methylene Chloride	3.044	84	20940	6.019	ug/l	93
37) Ethyl Acetate	4.803	43	45237	8.148	ug/l #	92
43) Isopropyl Acetate	5.906	43	172111	22.474	ug/l	98

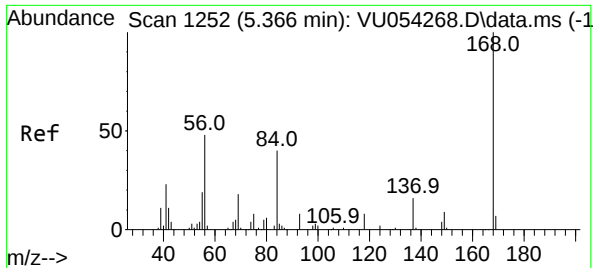
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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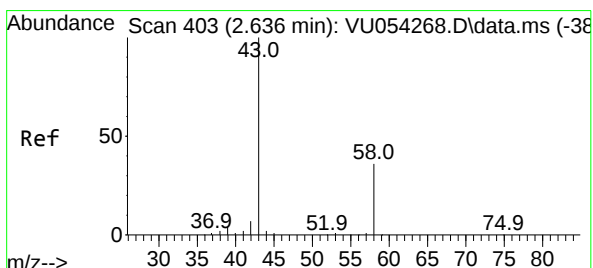
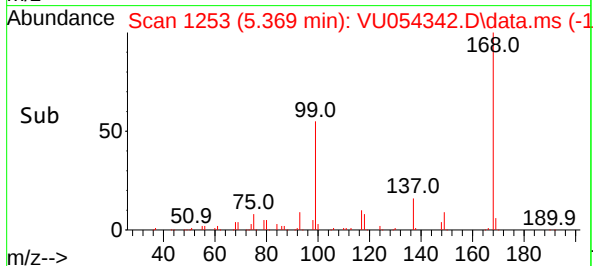
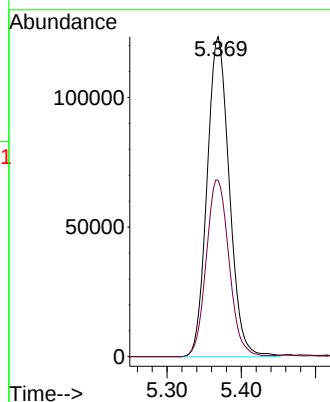
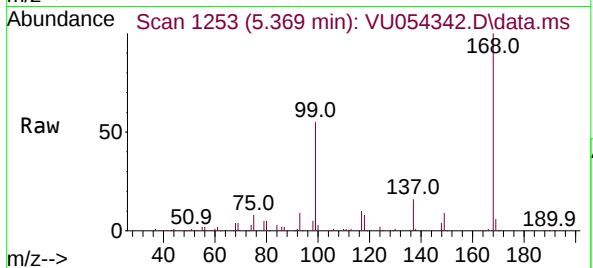




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.369 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU054342.D
Acq: 31 May 2023 17:00

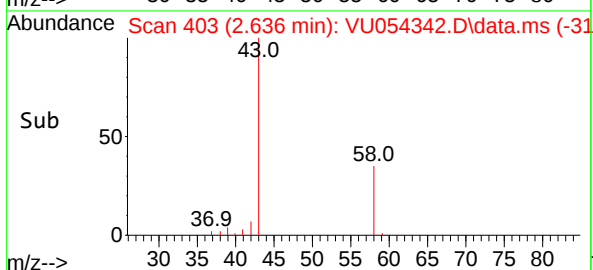
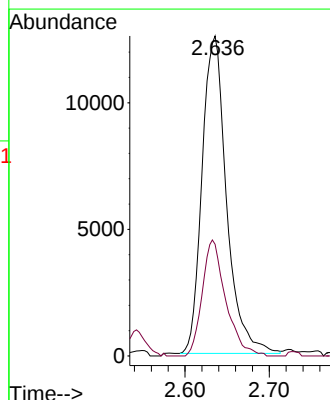
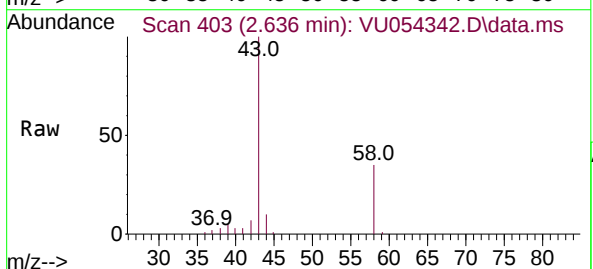
Instrument :
MSVOA_U
ClientSampleId :
PB153123ZHE#01

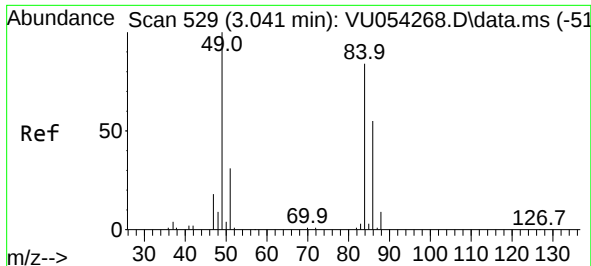
Tgt Ion:168 Resp: 256655
Ion Ratio Lower Upper
168 100
99 55.2 39.3 58.9



#16
Acetone
Concen: 13.145 ug/l
RT: 2.636 min Scan# 403
Delta R.T. -0.000 min
Lab File: VU054342.D
Acq: 31 May 2023 17:00

Tgt Ion: 43 Resp: 25350
Ion Ratio Lower Upper
43 100
58 35.2 27.5 41.3

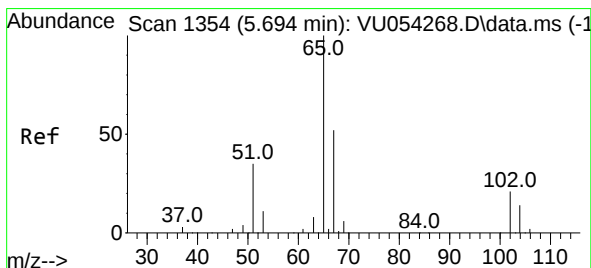
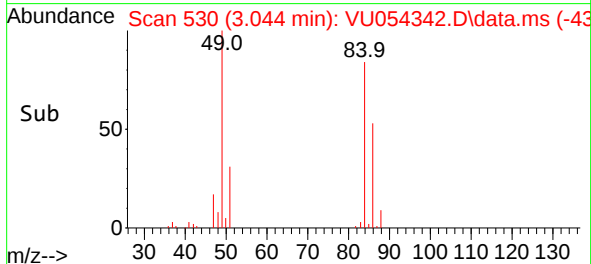
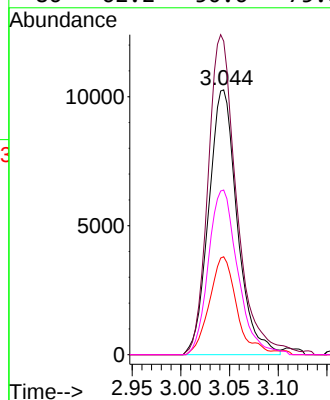
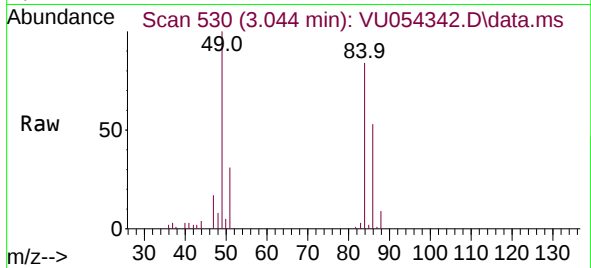




#20
Methylene Chloride
Concen: 6.019 ug/l
RT: 3.044 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU054342.D
Acq: 31 May 2023 17:00

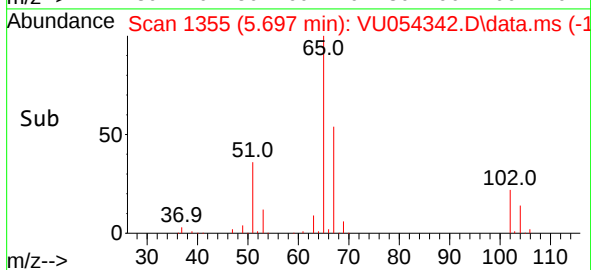
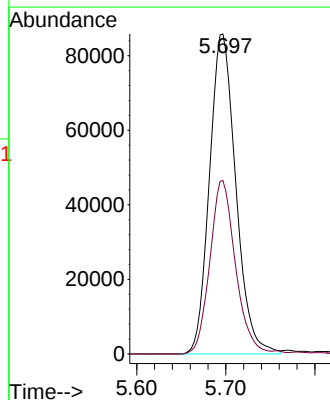
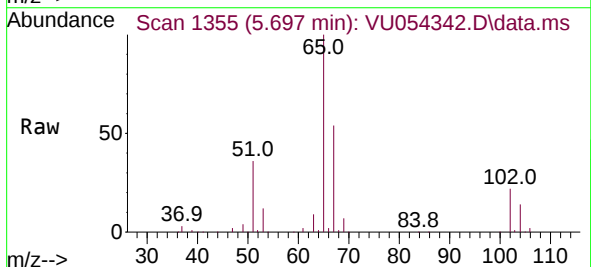
Instrument :
MSVOA_U
ClientSampleId :
PB153123ZHE#01

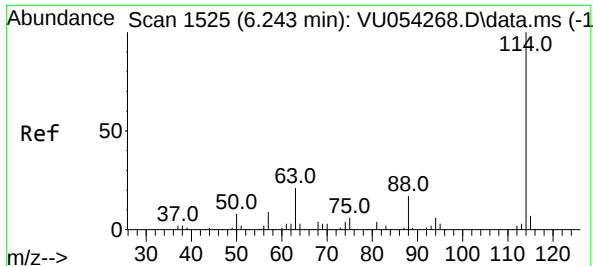
Tgt Ion:	84	Resp:	20940
Ion	Ratio	Lower	Upper
84	100		
49	118.4	86.6	129.8
51	37.0	26.6	40.0
86	62.2	50.6	75.8



#33
1,2-Dichloroethane-d4
Concen: 52.481 ug/l
RT: 5.697 min Scan# 1355
Delta R.T. 0.003 min
Lab File: VU054342.D
Acq: 31 May 2023 17:00

Tgt Ion:	65	Resp:	176573
Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	108.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.243 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU054342.D

Acq: 31 May 2023 17:00

Instrument :

MSVOA_U

ClientSampleId :

PB153123ZHE#01

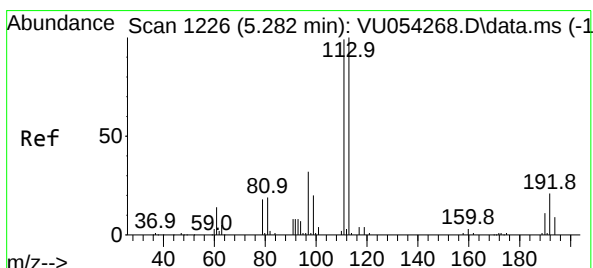
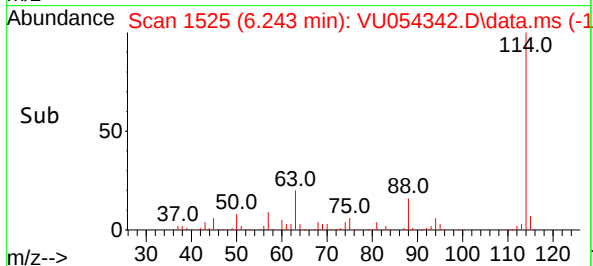
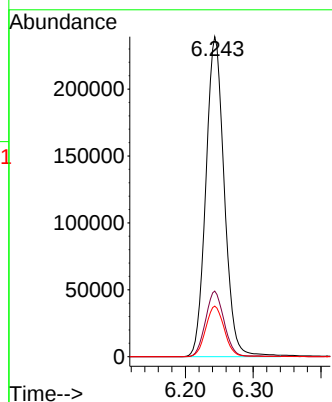
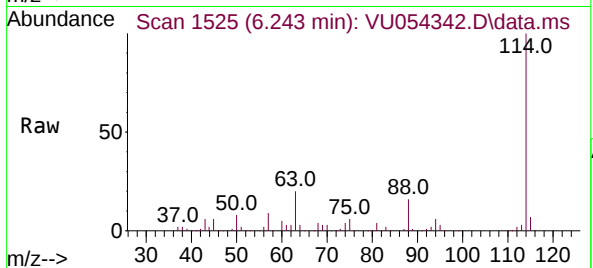
Tgt Ion:114 Resp: 450394

Ion Ratio Lower Upper

114 100

63 20.5 0.0 37.8

88 15.8 0.0 29.2



#35

Dibromofluoromethane

Concen: 49.759 ug/l

RT: 5.282 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VU054342.D

Acq: 31 May 2023 17:00

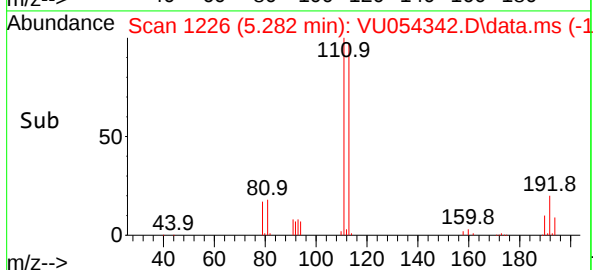
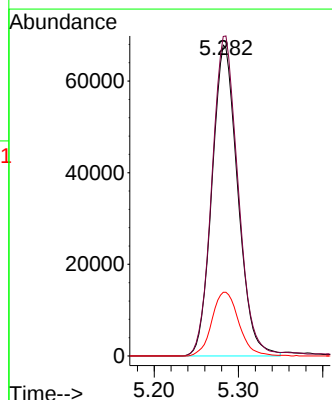
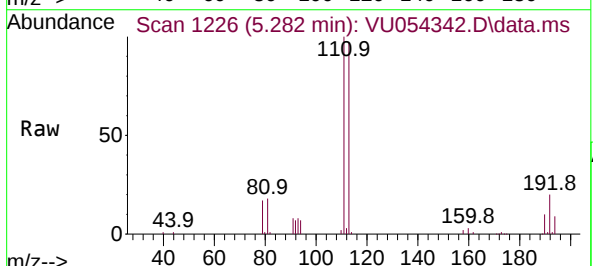
Tgt Ion:113 Resp: 144323

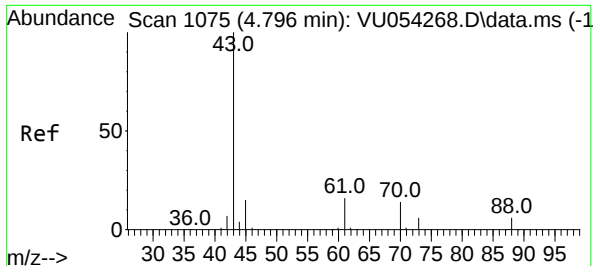
Ion Ratio Lower Upper

113 100

111 104.0 82.1 123.1

192 21.4 18.0 27.0





#37

Ethyl Acetate

Concen: 8.148 ug/l

RT: 4.803 min Scan# 1

Delta R.T. 0.007 min

Lab File: VU054342.D

Acq: 31 May 2023 17:00

Instrument :

MSVOA_U

ClientSampleId :

PB153123ZHE#01

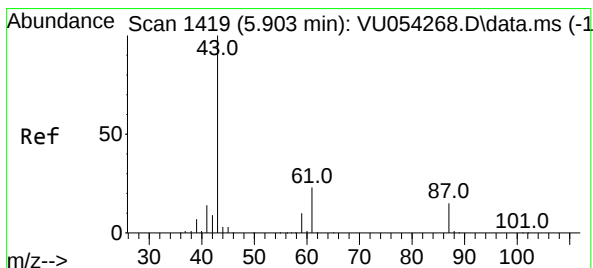
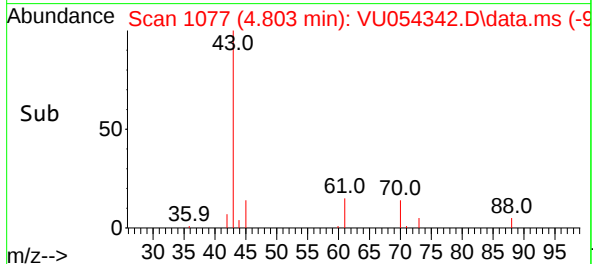
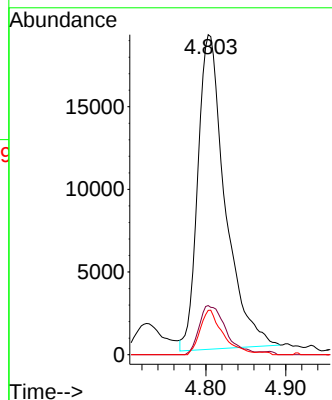
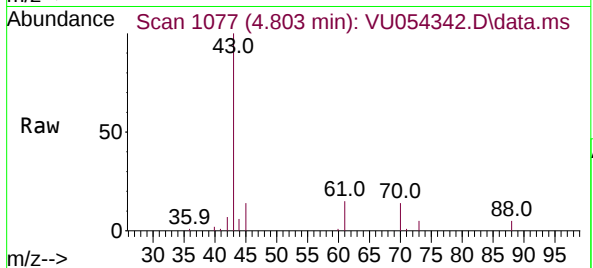
Tgt Ion: 43 Resp: 45237

Ion Ratio Lower Upper

43 100

61 15.3 9.5 14.3#

70 11.9 7.5 11.3#



#43

Isopropyl Acetate

Concen: 22.474 ug/l

RT: 5.906 min Scan# 1420

Delta R.T. 0.003 min

Lab File: VU054342.D

Acq: 31 May 2023 17:00

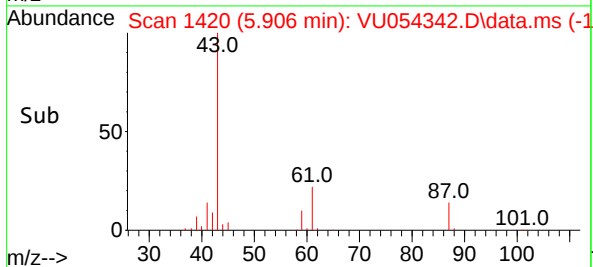
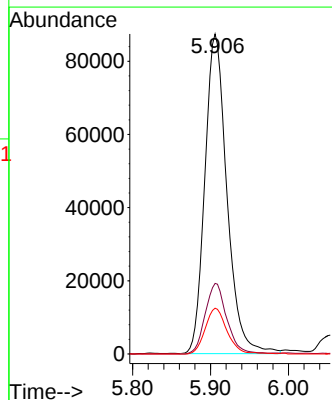
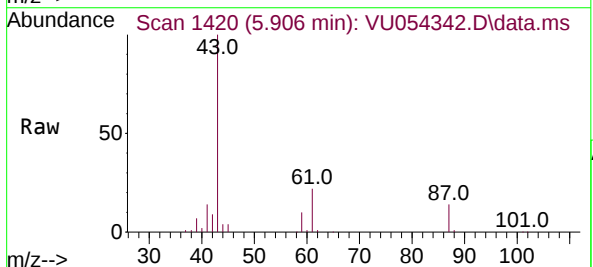
Tgt Ion: 43 Resp: 172111

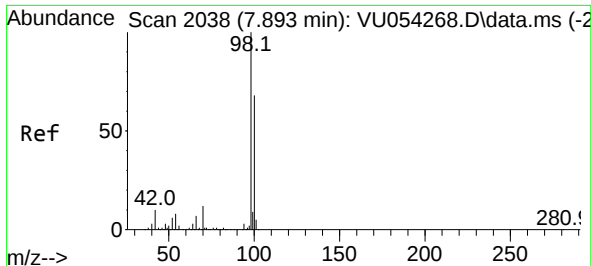
Ion Ratio Lower Upper

43 100

61 21.7 17.4 26.0

87 14.1 12.6 18.8

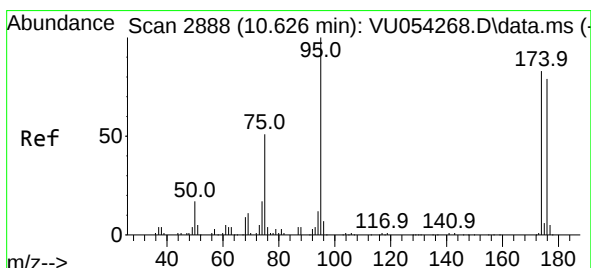
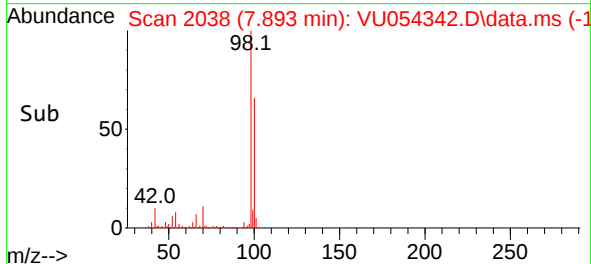
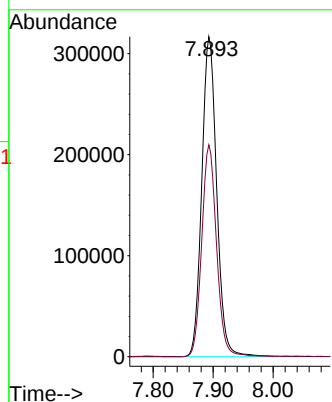
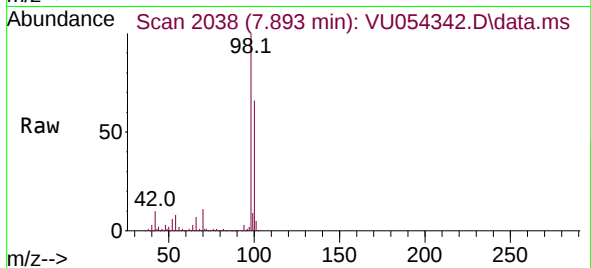




#50
Toluene-d8
Concen: 49.763 ug/l
RT: 7.893 min Scan# 2038
Delta R.T. -0.000 min
Lab File: VU054342.D
Acq: 31 May 2023 17:00

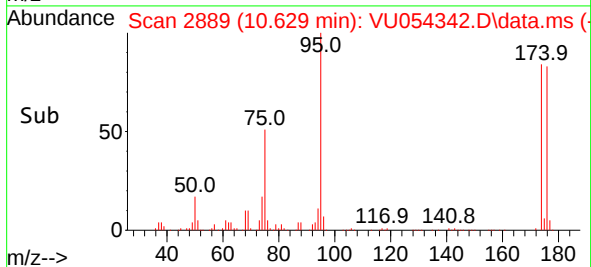
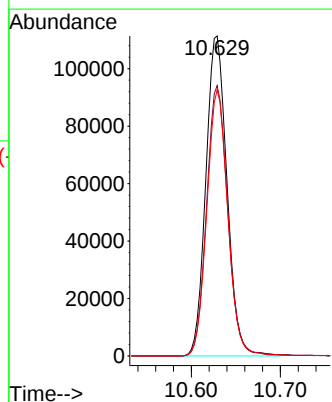
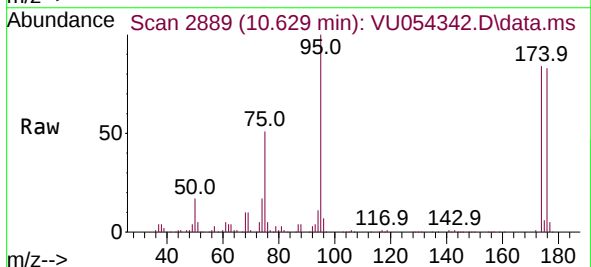
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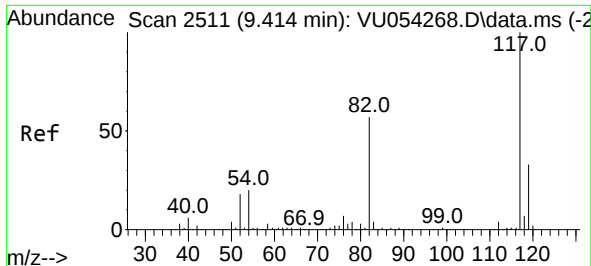
Tgt Ion: 98 Resp: 549007
Ion Ratio Lower Upper
98 100
100 65.8 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 42.838 ug/l
RT: 10.629 min Scan# 2889
Delta R.T. 0.003 min
Lab File: VU054342.D
Acq: 31 May 2023 17:00

Tgt Ion: 95 Resp: 183248
Ion Ratio Lower Upper
95 100
174 85.1 0.0 182.0
176 82.2 0.0 177.8

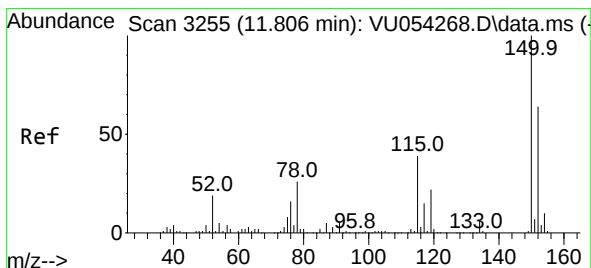
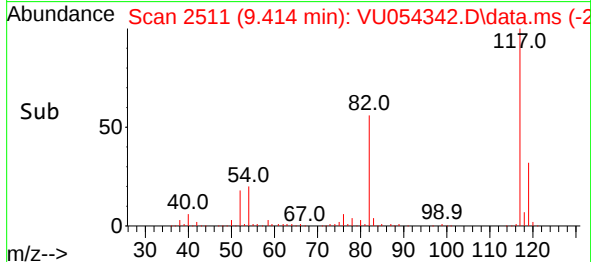
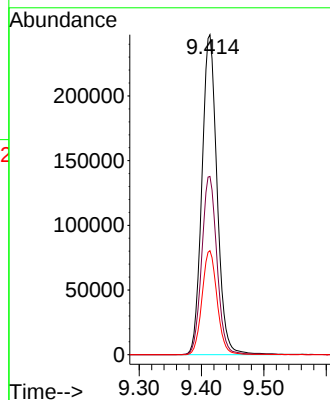
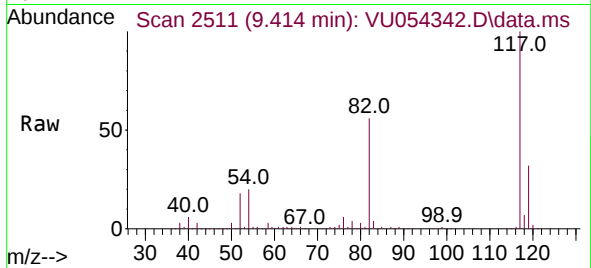




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.414 min Scan# 2511
Delta R.T. -0.000 min
Lab File: VU054342.D
Acq: 31 May 2023 17:00

Instrument :
MSVOA_U
ClientSampleId :
PB153123ZHE#01

Tgt Ion:117 Resp: 417937
Ion Ratio Lower Upper
117 100
82 55.6 41.7 62.5
119 32.5 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.806 min Scan# 3255
Delta R.T. -0.000 min
Lab File: VU054342.D
Acq: 31 May 2023 17:00

Tgt Ion:152 Resp: 189152
Ion Ratio Lower Upper
152 100
115 58.4 37.0 110.9
150 158.3 0.0 342.2

