

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053123\
 Data File : VU054350.D
 Acq On : 31 May 2023 20:10
 Operator : JC/MD
 Sample : PB153123ZHE#09
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PB153123ZHE#09

Quant Time: Jun 01 05:26:26 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)

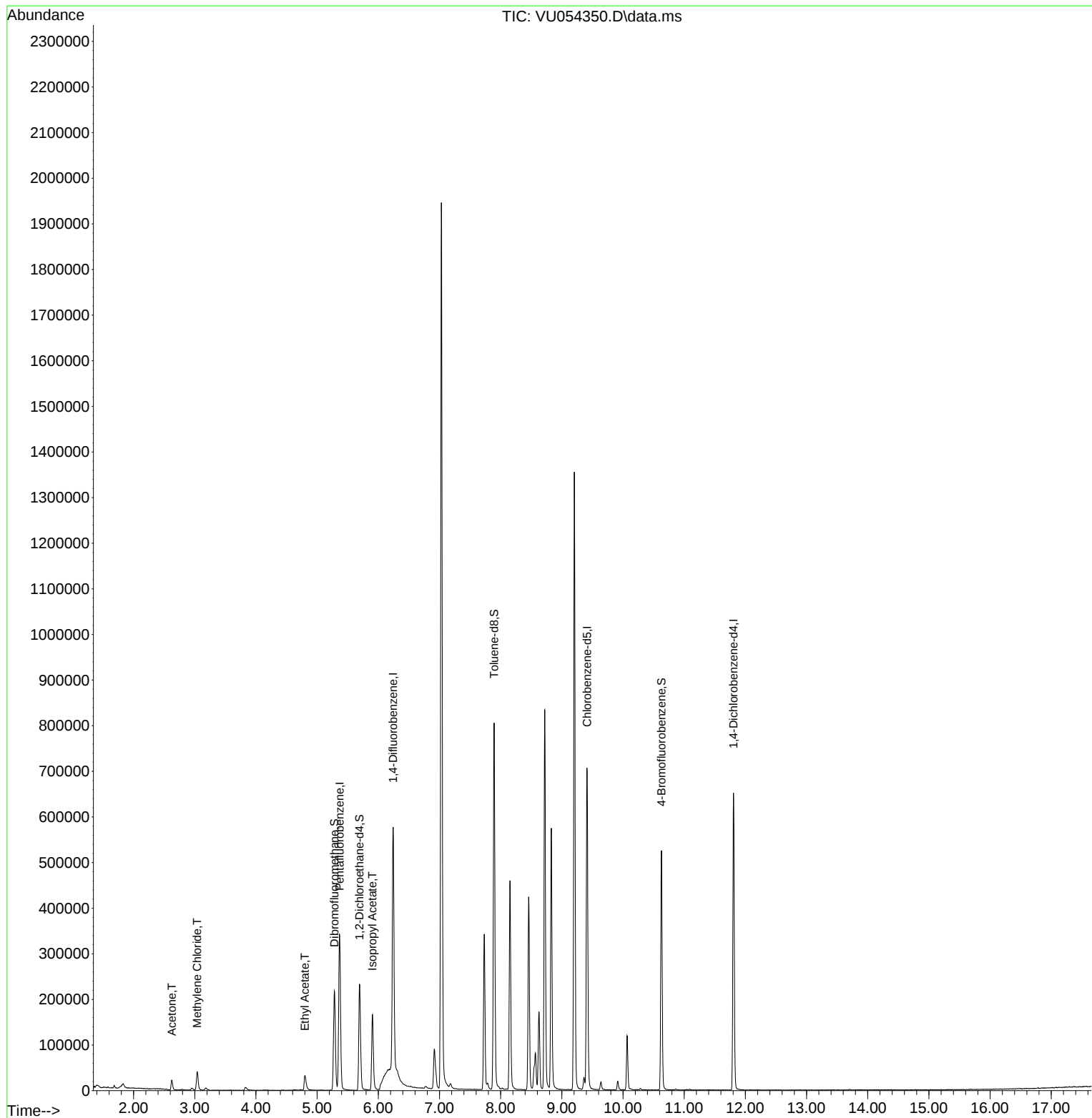
Internal Standards						
1) Pentafluorobenzene	5.369	168	251949	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.243	114	435218	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.414	117	406521	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.806	152	178516	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.694	65	172821	52.326	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 104.660%		
35) Dibromofluoromethane	5.282	113	145190	51.804	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 103.600%		
50) Toluene-d8	7.893	98	535354	50.218	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 100.440%		
62) 4-Bromofluorobenzene	10.629	95	175618	42.486	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 84.980%		
Target Compounds						
					Qvalue	
16) Acetone	2.626	43	25383	13.408	ug/l	96
20) Methylene Chloride	3.038	84	21557	6.312	ug/l	97
37) Ethyl Acetate	4.800	43	44925	8.374	ug/l #	92
43) Isopropyl Acetate	5.903	43	174177	23.537	ug/l	98

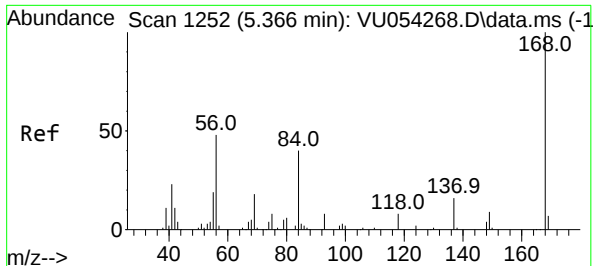
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 26 06:40:51 2023
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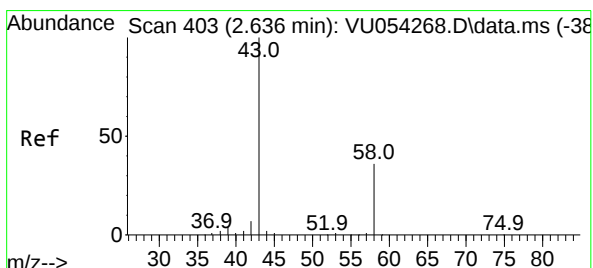
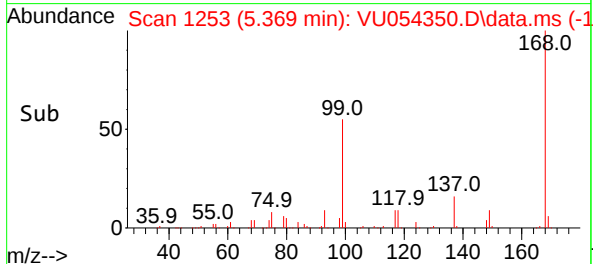
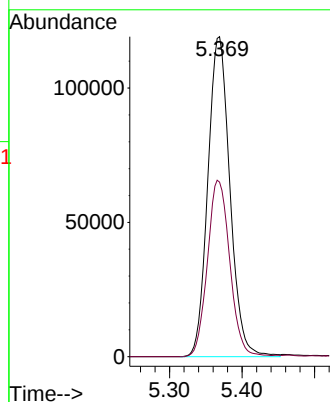
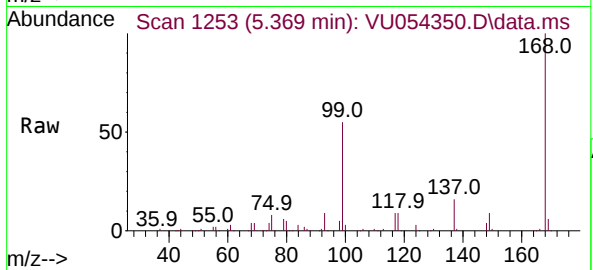




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.369 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU054350.D
Acq: 31 May 2023 20:10

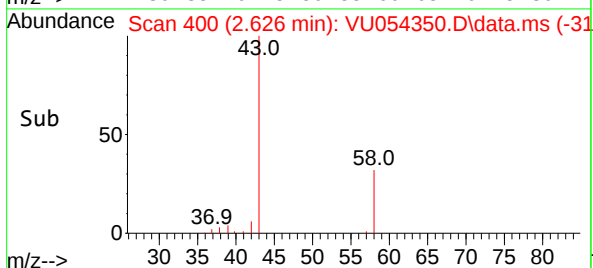
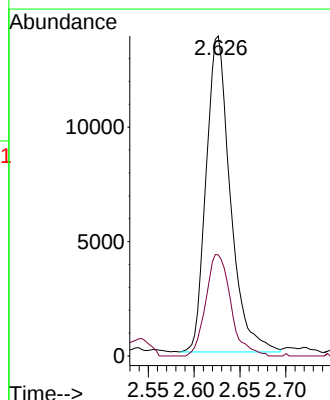
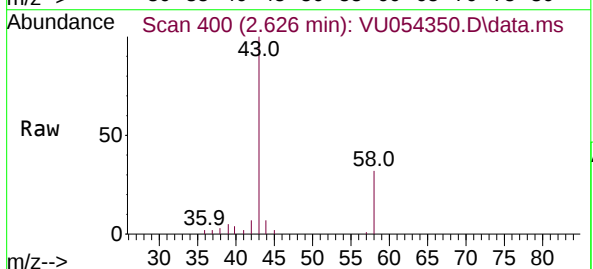
Instrument :
MSVOA_U
ClientSampleId :
PB153123ZHE#09

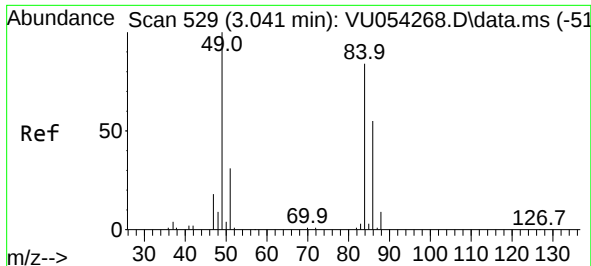
Tgt Ion:168 Resp: 251949
Ion Ratio Lower Upper
168 100
99 54.5 39.3 58.9



#16
Acetone
Concen: 13.408 ug/l
RT: 2.626 min Scan# 400
Delta R.T. -0.010 min
Lab File: VU054350.D
Acq: 31 May 2023 20:10

Tgt Ion: 43 Resp: 25383
Ion Ratio Lower Upper
43 100
58 32.0 27.5 41.3

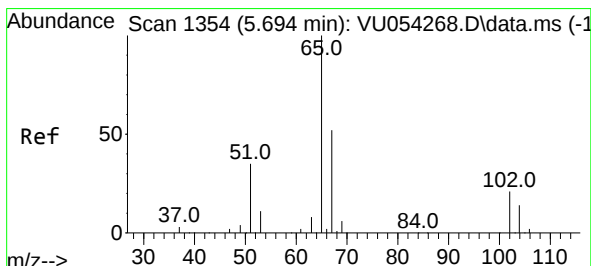
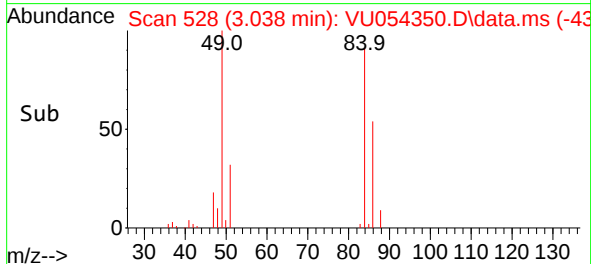
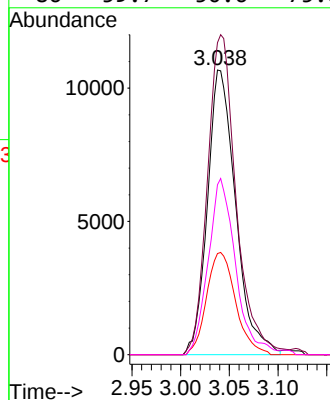
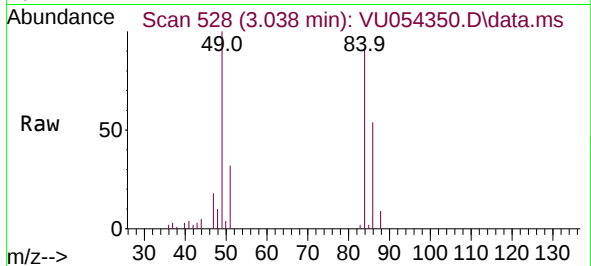




#20
Methylene Chloride
Concen: 6.312 ug/l
RT: 3.038 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU054350.D
Acq: 31 May 2023 20:10

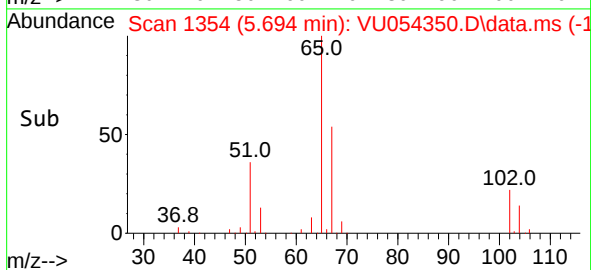
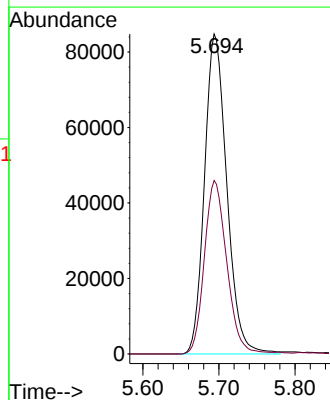
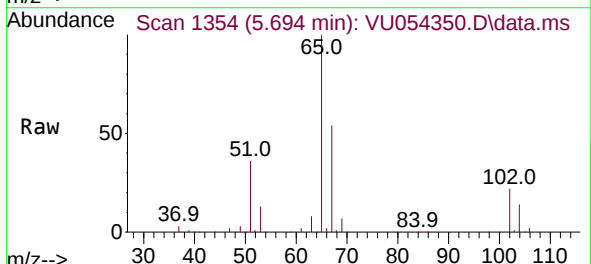
Instrument :
MSVOA_U
ClientSampleId :
PB153123ZHE#09

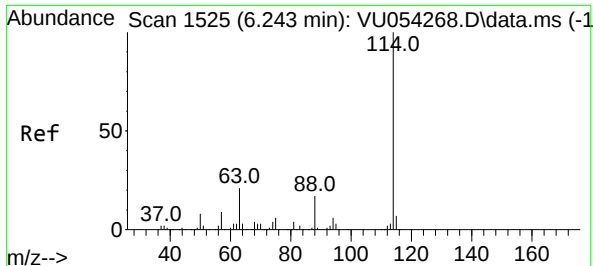
Tgt Ion:	84	Resp:	21557
Ion	Ratio	Lower	Upper
84	100		
49	109.7	86.6	129.8
51	35.5	26.6	40.0
86	59.7	50.6	75.8



#33
1,2-Dichloroethane-d4
Concen: 52.326 ug/l
RT: 5.694 min Scan# 1354
Delta R.T. -0.000 min
Lab File: VU054350.D
Acq: 31 May 2023 20:10

Tgt Ion:	65	Resp:	172821
Ion	Ratio	Lower	Upper
65	100		
67	54.4	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: VU054350.D

Acq: 31 May 2023 20:10

Instrument :

MSVOA_U

ClientSampleId :

PB153123ZHE#09

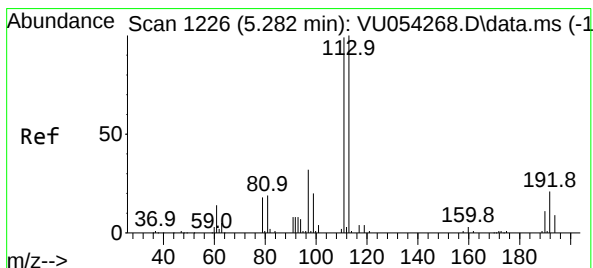
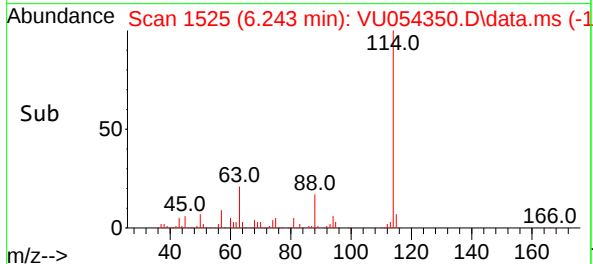
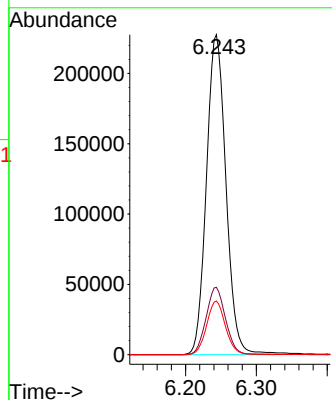
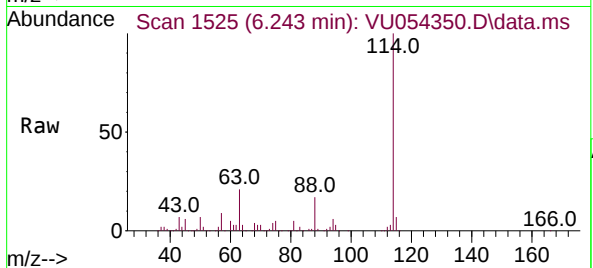
Tgt Ion:114 Resp: 435218

Ion Ratio Lower Upper

114 100

63 21.1 0.0 37.8

88 16.8 0.0 29.2



#35

Dibromofluoromethane

Concen: 51.804 ug/l

RT: 5.282 min Scan# 1226

Delta R.T. 0.000 min

Lab File: VU054350.D

Acq: 31 May 2023 20:10

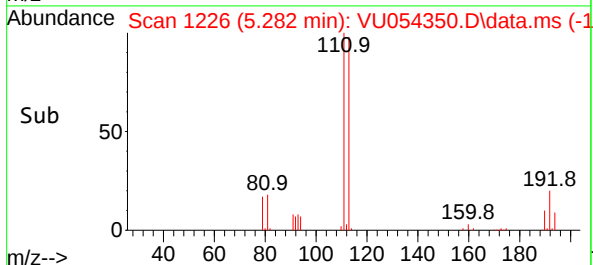
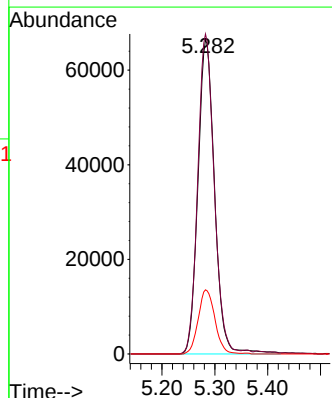
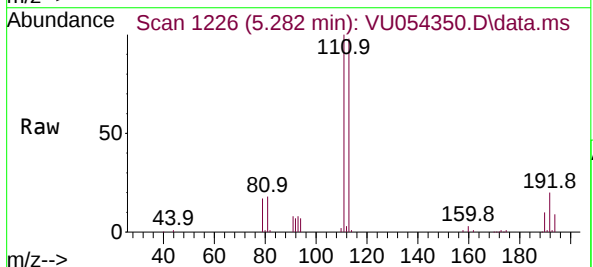
Tgt Ion:113 Resp: 145190

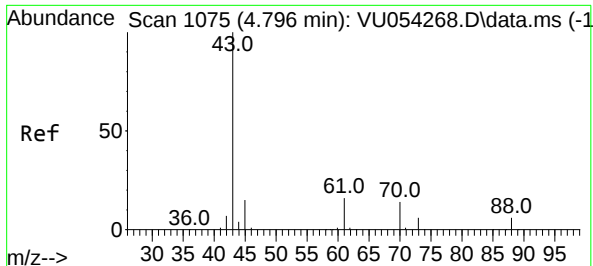
Ion Ratio Lower Upper

113 100

111 100.4 82.1 123.1

192 20.5 18.0 27.0

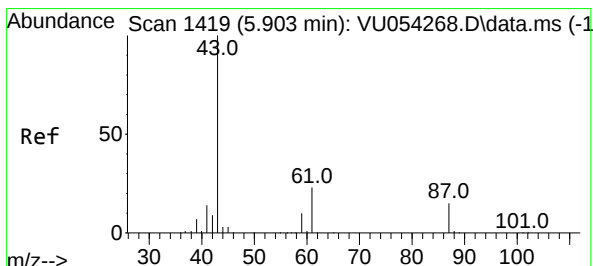
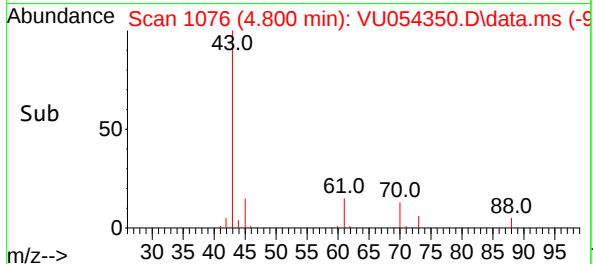
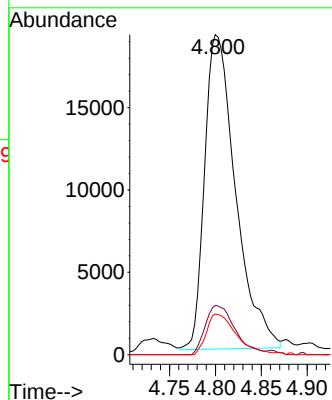
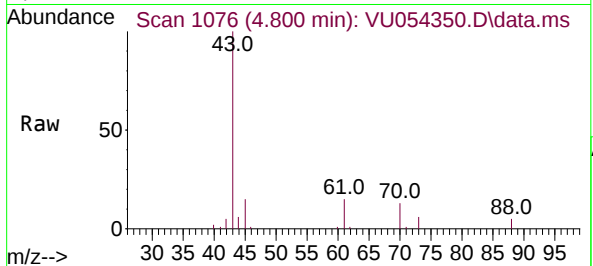




#37
Ethyl Acetate
Concen: 8.374 ug/l
RT: 4.800 min Scan# 1075
Delta R.T. 0.004 min
Lab File: VU054350.D
Acq: 31 May 2023 20:10

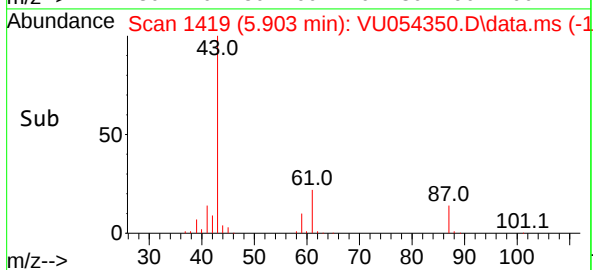
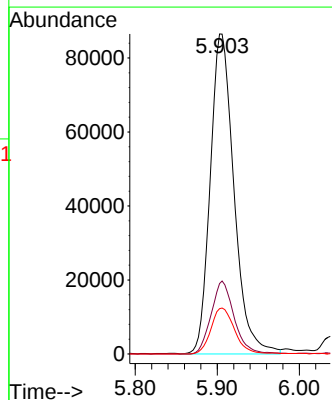
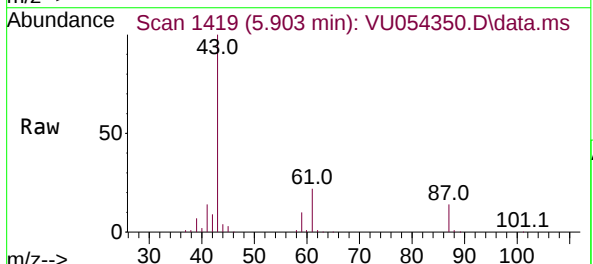
Instrument :
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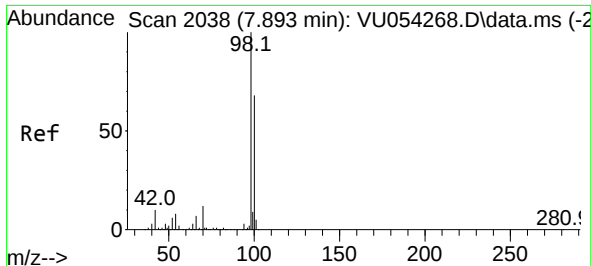
Tgt Ion: 43 Resp: 44925
Ion Ratio Lower Upper
43 100
61 15.0 9.5 14.3#
70 12.3 7.5 11.3#



#43
Isopropyl Acetate
Concen: 23.537 ug/l
RT: 5.903 min Scan# 1419
Delta R.T. -0.000 min
Lab File: VU054350.D
Acq: 31 May 2023 20:10

Tgt Ion: 43 Resp: 174177
Ion Ratio Lower Upper
43 100
61 22.1 17.4 26.0
87 14.2 12.6 18.8

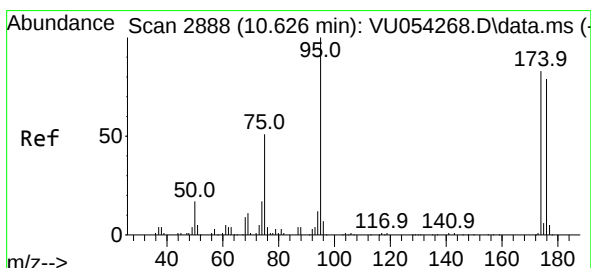
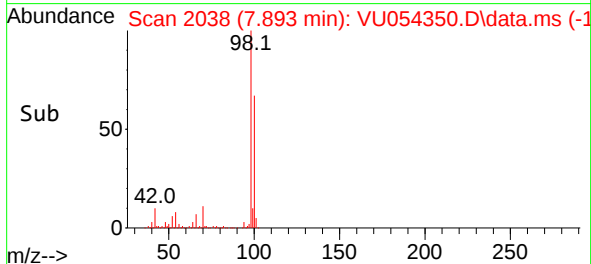
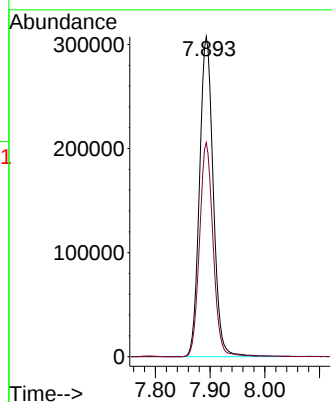
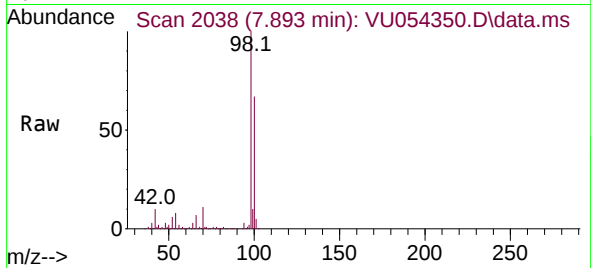




#50
Toluene-d8
Concen: 50.218 ug/l
RT: 7.893 min Scan# 2038
Delta R.T. -0.000 min
Lab File: VU054350.D
Acq: 31 May 2023 20:10

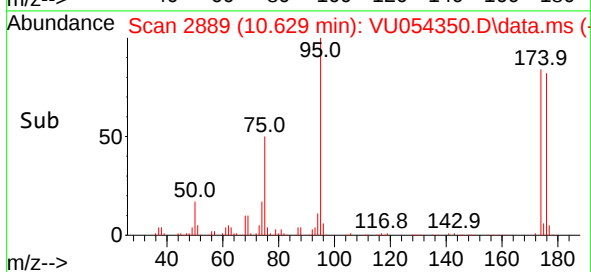
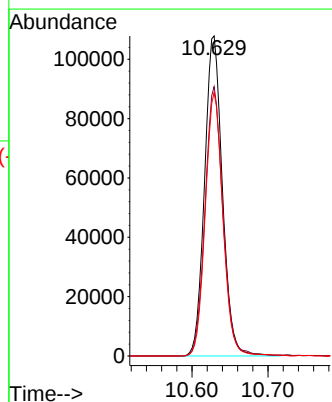
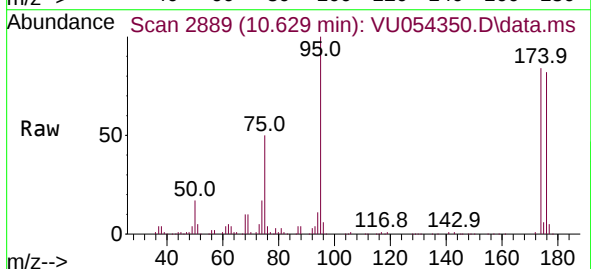
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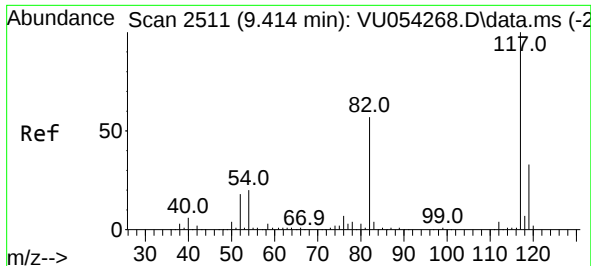
Tgt Ion: 98 Resp: 535354
Ion Ratio Lower Upper
98 100
100 66.0 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 42.486 ug/l
RT: 10.629 min Scan# 2889
Delta R.T. 0.003 min
Lab File: VU054350.D
Acq: 31 May 2023 20:10

Tgt Ion: 95 Resp: 175618
Ion Ratio Lower Upper
95 100
174 84.7 0.0 182.0
176 81.5 0.0 177.8

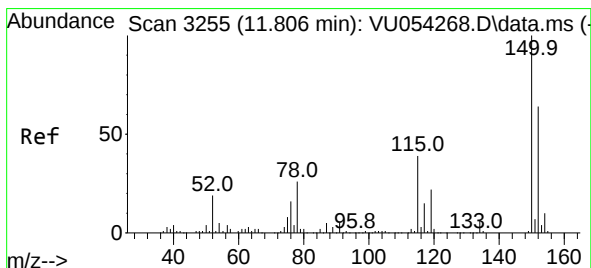
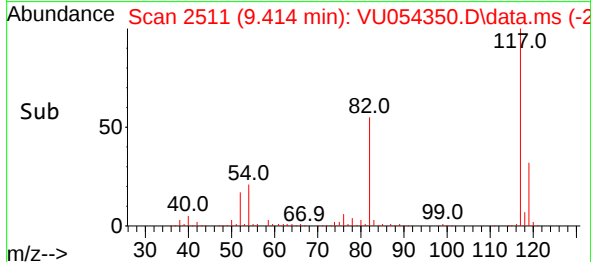
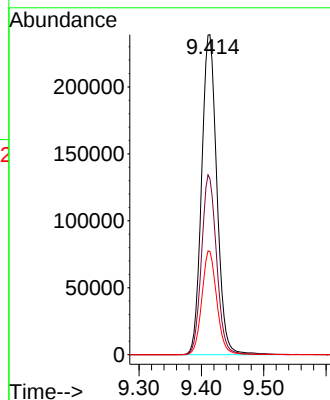
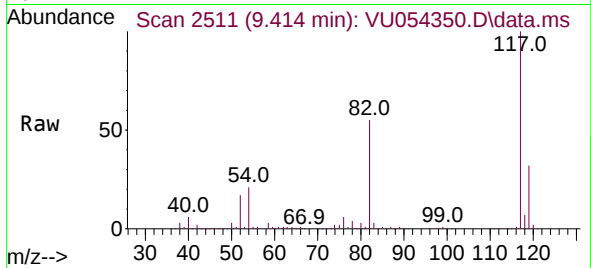




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.414 min Scan# 2511
Delta R.T. -0.000 min
Lab File: VU054350.D
Acq: 31 May 2023 20:10

Instrument :
MSVOA_U
ClientSampleId :
PB153123ZHE#09

Tgt Ion:117 Resp: 406521
Ion Ratio Lower Upper
117 100
82 54.9 41.7 62.5
119 32.3 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: VU054350.D
Acq: 31 May 2023 20:10

Tgt Ion:152 Resp: 178516
Ion Ratio Lower Upper
152 100
115 58.5 37.0 110.9
150 158.1 0.0 342.2

