

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053123\
 Data File : VU054351.D
 Acq On : 31 May 2023 20:34
 Operator : JC/MD
 Sample : PB153123ZHE#10
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PB153123ZHE#10

Quant Time: Jun 01 05:26:53 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)

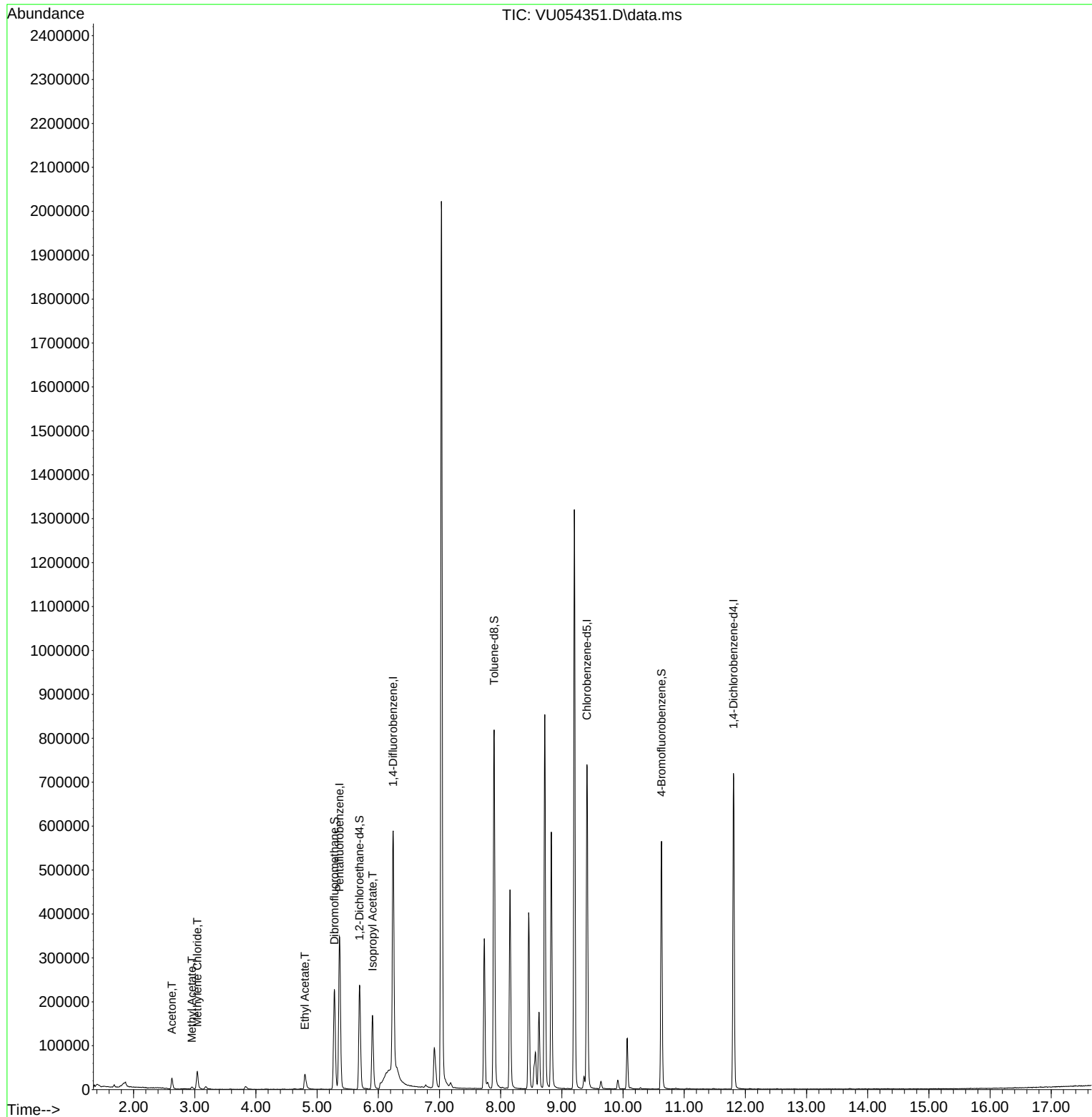
Internal Standards						
1) Pentafluorobenzene	5.366	168	253292	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.243	114	449413	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.411	117	421316	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.806	152	194729	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.694	65	177468	53.448	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 106.900%		
35) Dibromofluoromethane	5.282	113	145488	50.270	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 100.540%		
50) Toluene-d8	7.893	98	555461	50.458	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 100.920%		
62) 4-Bromofluorobenzene	10.629	95	186654	43.729	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 87.460%		
Target Compounds						
					Qvalue	
16) Acetone	2.626	43	28529	14.989	ug/l	96
18) Methyl Acetate	2.951	43	7865	1.132	ug/l	93
20) Methylene Chloride	3.041	84	21329	6.212	ug/l	93
37) Ethyl Acetate	4.800	43	48307	8.720	ug/l #	92
43) Isopropyl Acetate	5.906	43	180210	23.583	ug/l	98

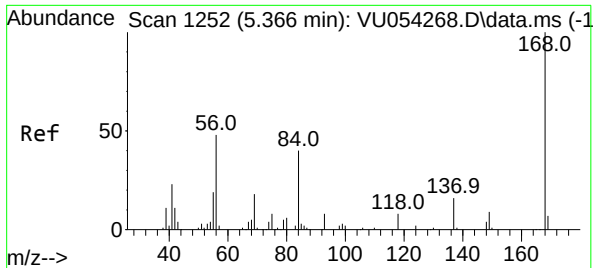
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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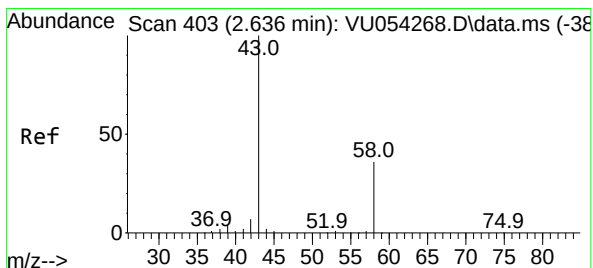
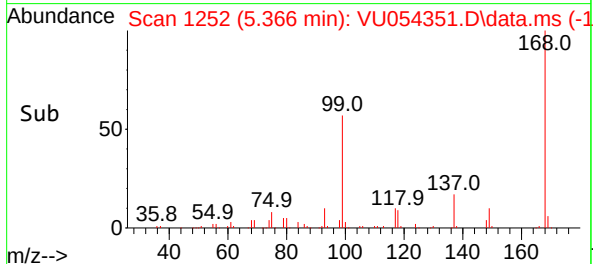
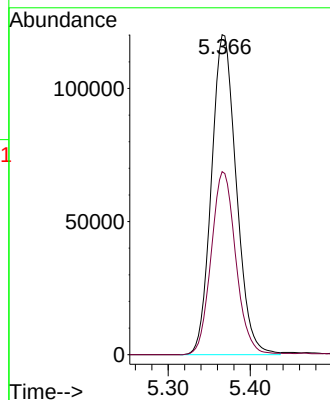
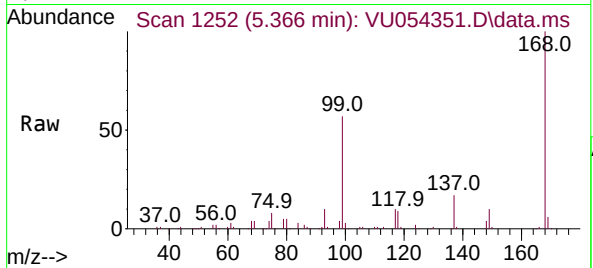




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.366 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU054351.D
Acq: 31 May 2023 20:34

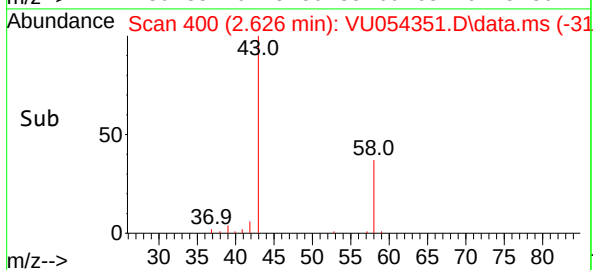
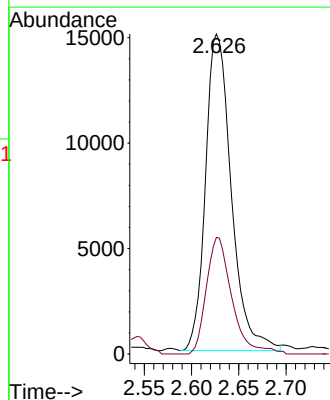
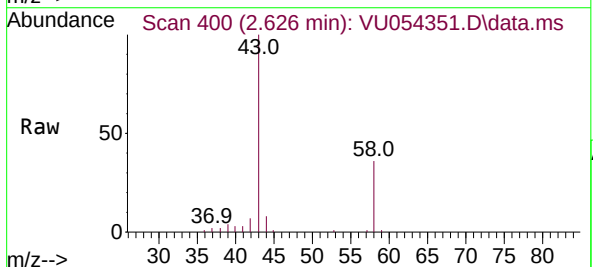
Instrument :
MSVOA_U
ClientSampleId :
PB153123ZHE#10

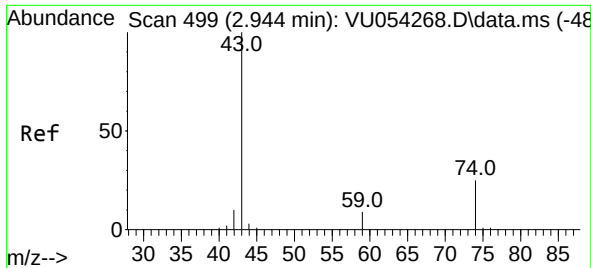
Tgt Ion:168 Resp: 253292
Ion Ratio Lower Upper
168 100
99 57.2 39.3 58.9



#16
Acetone
Concen: 14.989 ug/l
RT: 2.626 min Scan# 400
Delta R.T. -0.010 min
Lab File: VU054351.D
Acq: 31 May 2023 20:34

Tgt Ion: 43 Resp: 28529
Ion Ratio Lower Upper
43 100
58 36.8 27.5 41.3

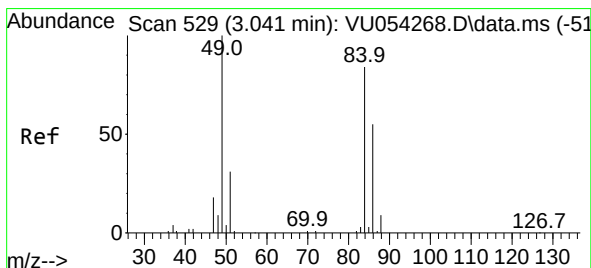
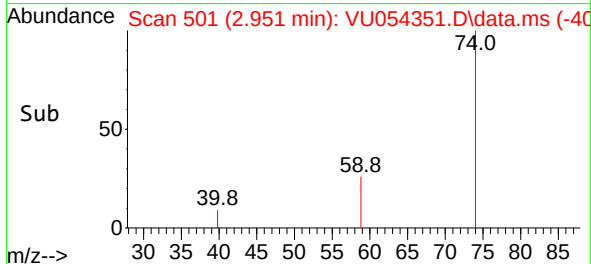
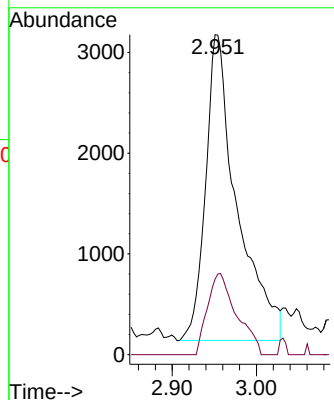
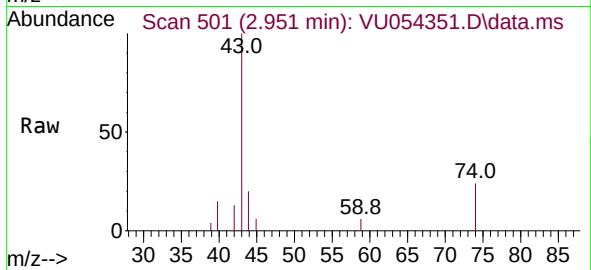




#18
Methyl Acetate
Concen: 1.132 ug/l
RT: 2.951 min Scan# 501
Delta R.T. 0.007 min
Lab File: VU054351.D
Acq: 31 May 2023 20:34

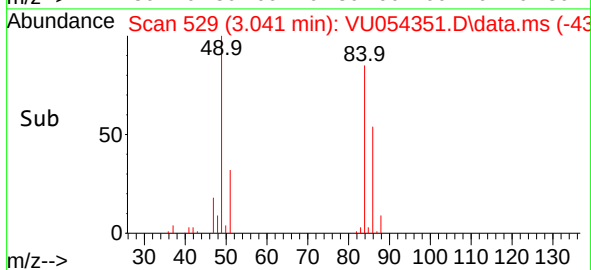
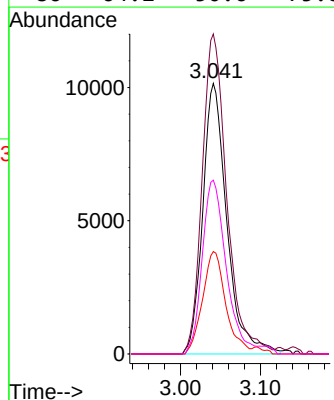
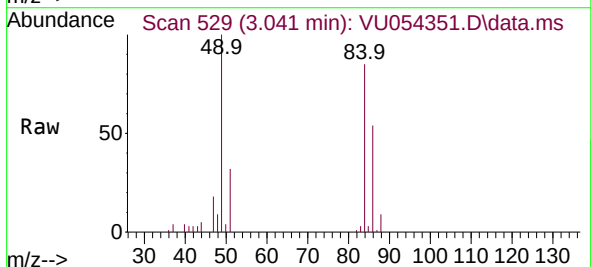
Instrument :
MSVOA_U
ClientSampleId :
PB153123ZHE#10

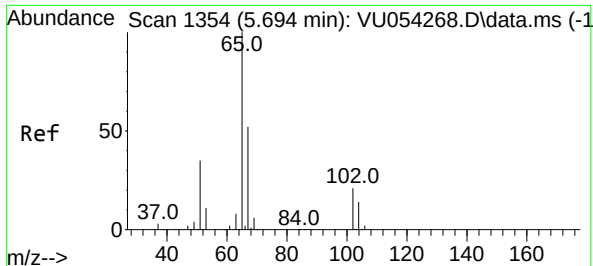
Tgt Ion: 43 Resp: 7865
Ion Ratio Lower Upper
43 100
74 24.6 22.5 33.7



#20
Methylene Chloride
Concen: 6.212 ug/l
RT: 3.041 min Scan# 529
Delta R.T. 0.000 min
Lab File: VU054351.D
Acq: 31 May 2023 20:34

Tgt Ion: 84 Resp: 21329
Ion Ratio Lower Upper
84 100
49 118.3 86.6 129.8
51 37.8 26.6 40.0
86 64.2 50.6 75.8





#33

1,2-Dichloroethane-d4

Concen: 53.448 ug/l

RT: 5.694 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU054351.D

Acq: 31 May 2023 20:34

Instrument :

MSVOA_U

ClientSampleId :

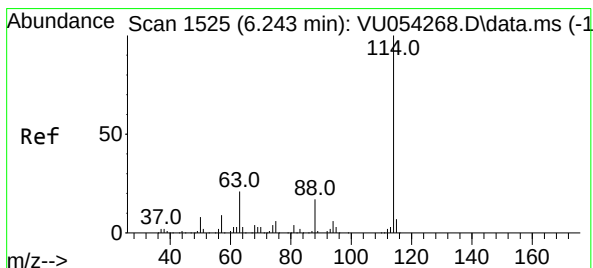
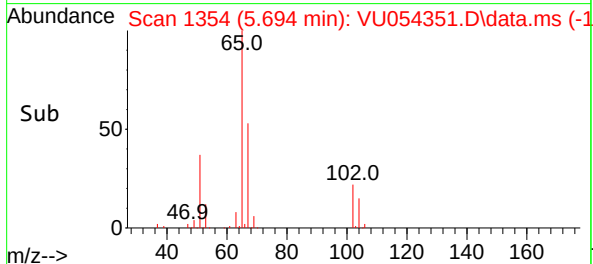
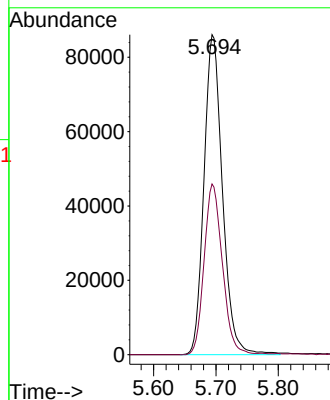
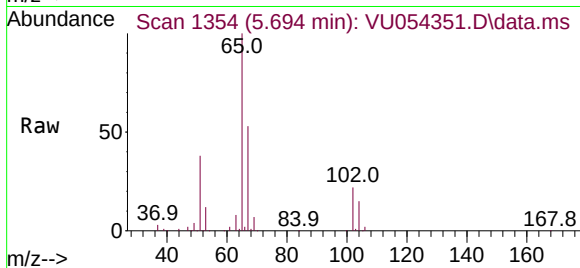
PB153123ZHE#10

Tgt Ion: 65 Resp: 177468

Ion Ratio Lower Upper

65 100

67 52.7 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.243 min Scan# 1525

Delta R.T. 0.000 min

Lab File: VU054351.D

Acq: 31 May 2023 20:34

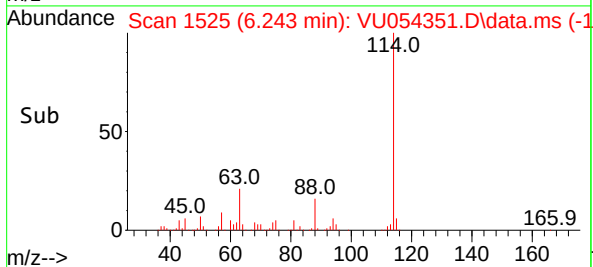
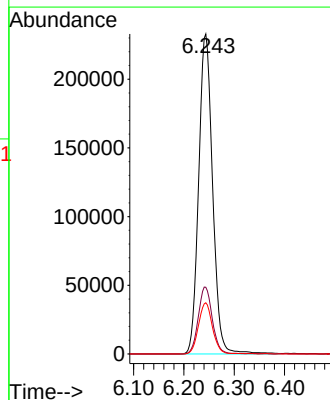
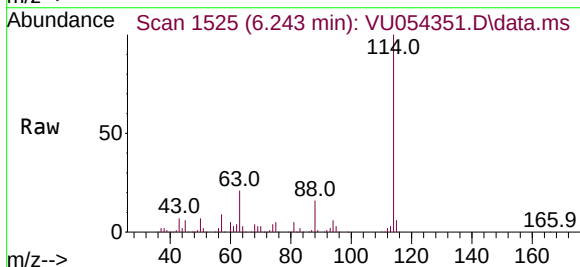
Tgt Ion: 114 Resp: 449413

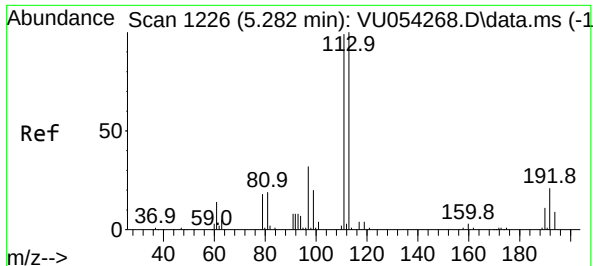
Ion Ratio Lower Upper

114 100

63 20.8 0.0 37.8

88 16.0 0.0 29.2

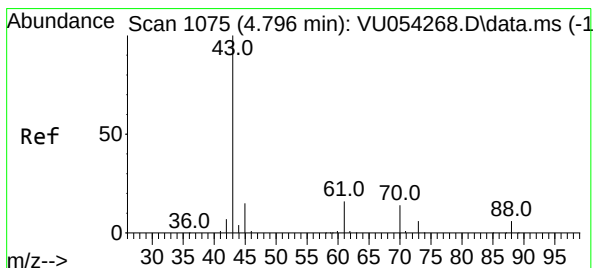
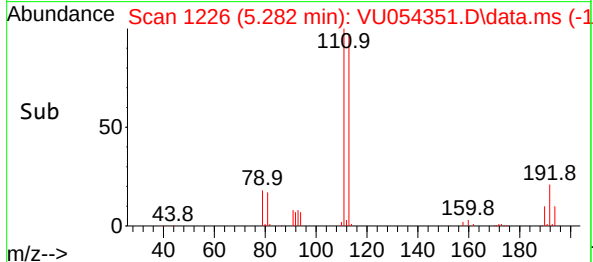
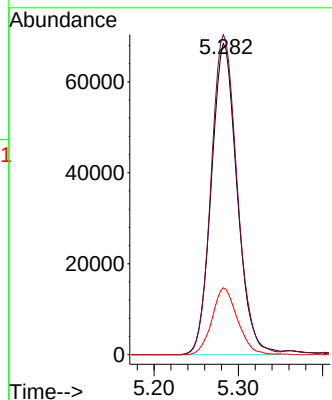
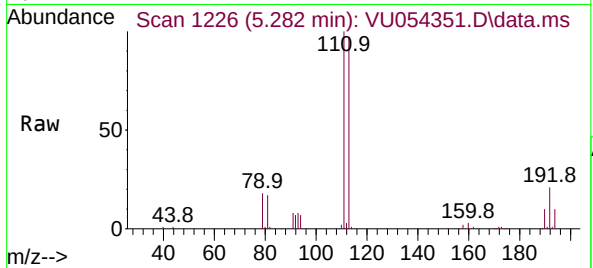




#35
Dibromofluoromethane
Concen: 50.270 ug/l
RT: 5.282 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU054351.D
Acq: 31 May 2023 20:34

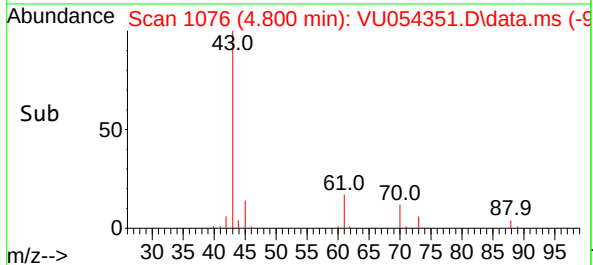
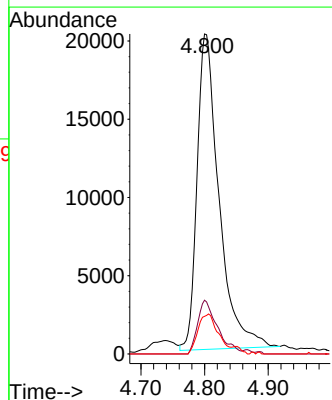
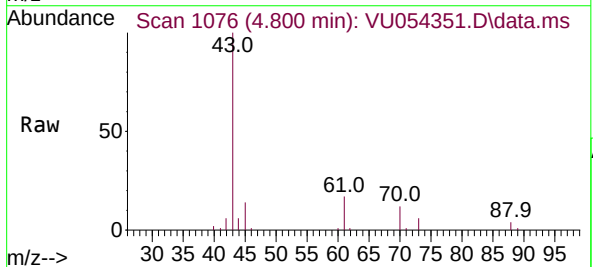
Instrument :
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PB153123ZHE#10

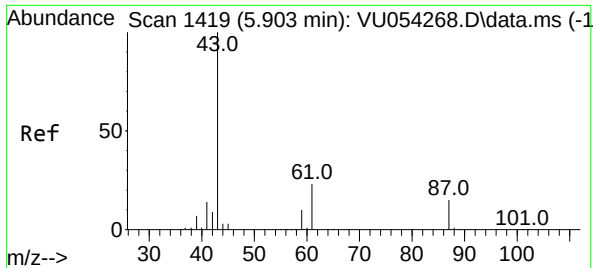
Tgt Ion:113 Resp: 145488
Ion Ratio Lower Upper
113 100
111 103.5 82.1 123.1
192 21.3 18.0 27.0



#37
Ethyl Acetate
Concen: 8.720 ug/l
RT: 4.800 min Scan# 1076
Delta R.T. 0.004 min
Lab File: VU054351.D
Acq: 31 May 2023 20:34

Tgt Ion: 43 Resp: 48307
Ion Ratio Lower Upper
43 100
61 15.4 9.5 14.3#
70 11.6 7.5 11.3#

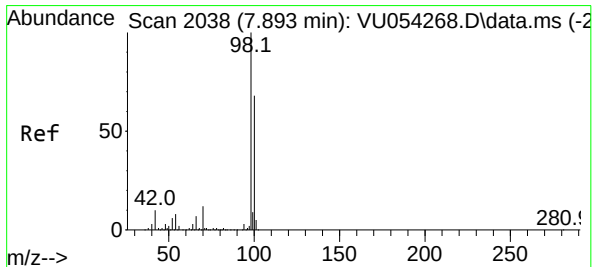
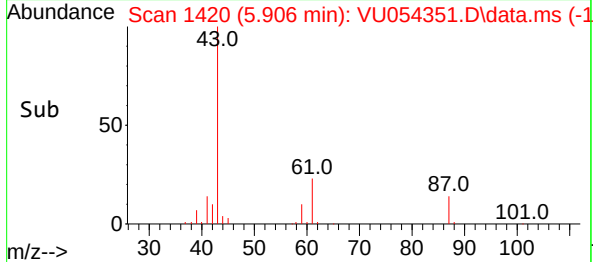
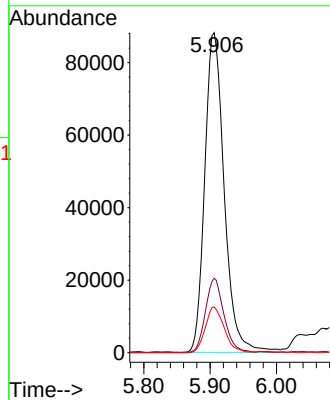
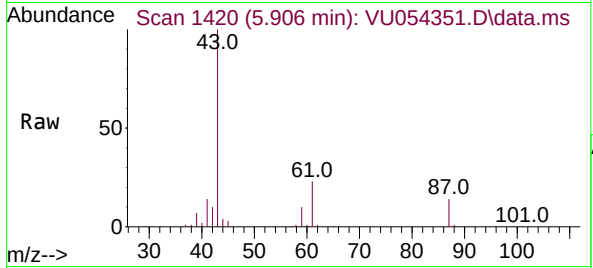




#43
Isopropyl Acetate
Concen: 23.583 ug/l
RT: 5.906 min Scan# 1419
Delta R.T. 0.003 min
Lab File: VU054351.D
Acq: 31 May 2023 20:34

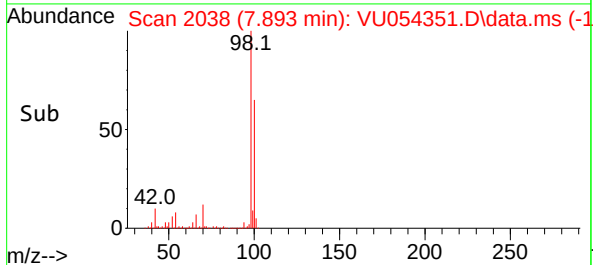
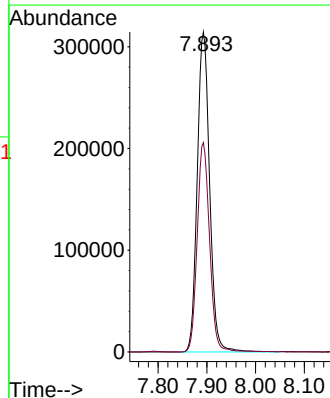
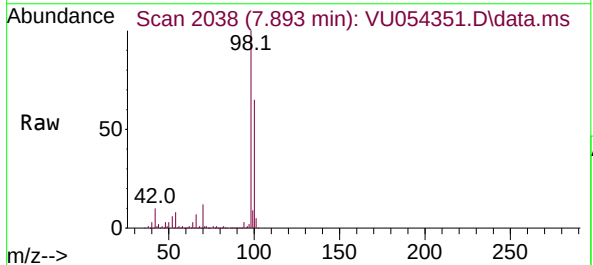
Instrument :
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ClientSampleId :
PB153123ZHE#10

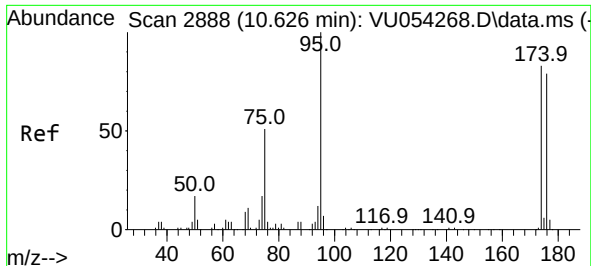
Tgt Ion:	43	Resp:	180210
Ion	Ratio	Lower	Upper
43	100		
61	22.1	17.4	26.0
87	13.9	12.6	18.8



#50
Toluene-d8
Concen: 50.458 ug/l
RT: 7.893 min Scan# 2038
Delta R.T. -0.000 min
Lab File: VU054351.D
Acq: 31 May 2023 20:34

Tgt Ion:	98	Resp:	555461
Ion	Ratio	Lower	Upper
98	100		
100	65.4	51.7	77.5

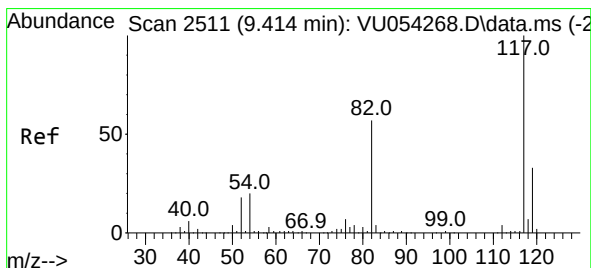
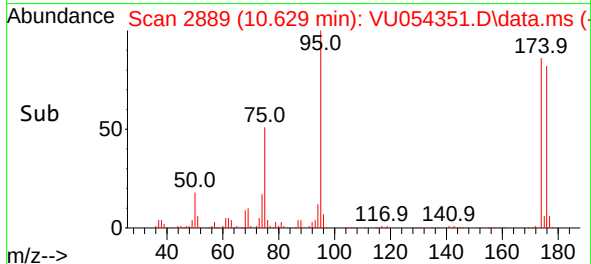
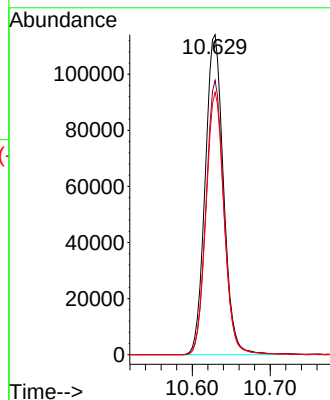
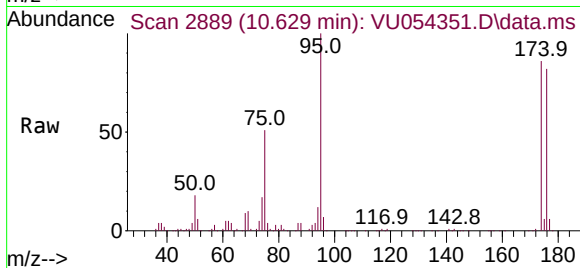




#62
4-Bromofluorobenzene
Concen: 43.729 ug/l
RT: 10.629 min Scan# 2110
Delta R.T. 0.003 min
Lab File: VU054351.D
Acq: 31 May 2023 20:34

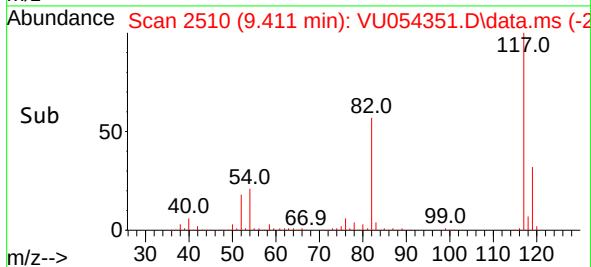
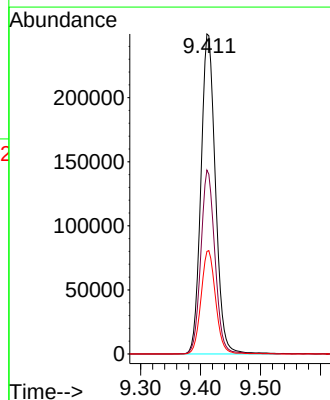
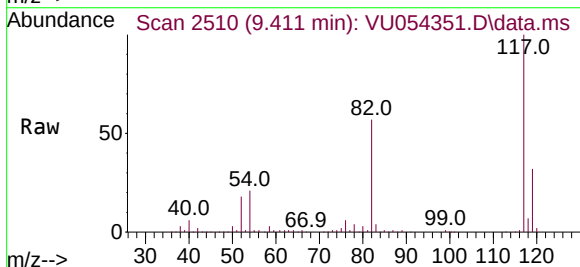
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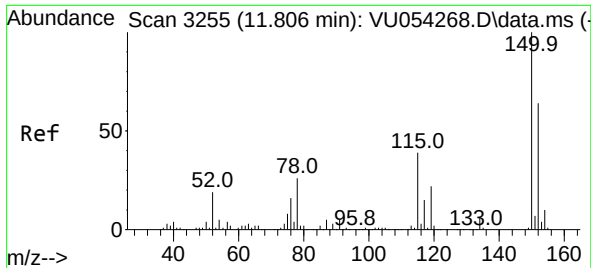
Tgt Ion: 95 Resp: 186654
Ion Ratio Lower Upper
95 100
174 83.9 0.0 182.0
176 81.2 0.0 177.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.411 min Scan# 2510
Delta R.T. -0.003 min
Lab File: VU054351.D
Acq: 31 May 2023 20:34

Tgt Ion: 117 Resp: 421316
Ion Ratio Lower Upper
117 100
82 57.4 41.7 62.5
119 32.0 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.806 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU054351.D

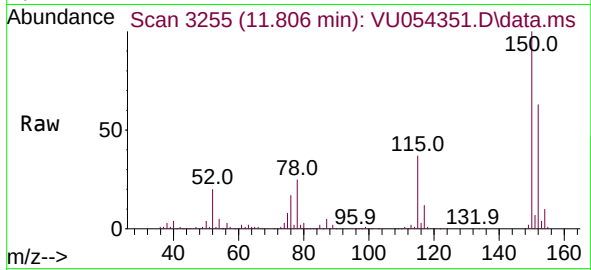
Acq: 31 May 2023 20:34

Instrument :

MSVOA_U

ClientSampleId :

PB153123ZHE#10



Tgt Ion:152 Resp: 194729

Ion Ratio Lower Upper

152 100

115 59.7 37.0 110.9

150 159.4 0.0 342.2

