

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053123\
 Data File : VU054349.D
 Acq On : 31 May 2023 19:46
 Operator : JC/MD
 Sample : PB153123ZHE#08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PB153123ZHE#08

Quant Time: Jun 01 05:26:01 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)

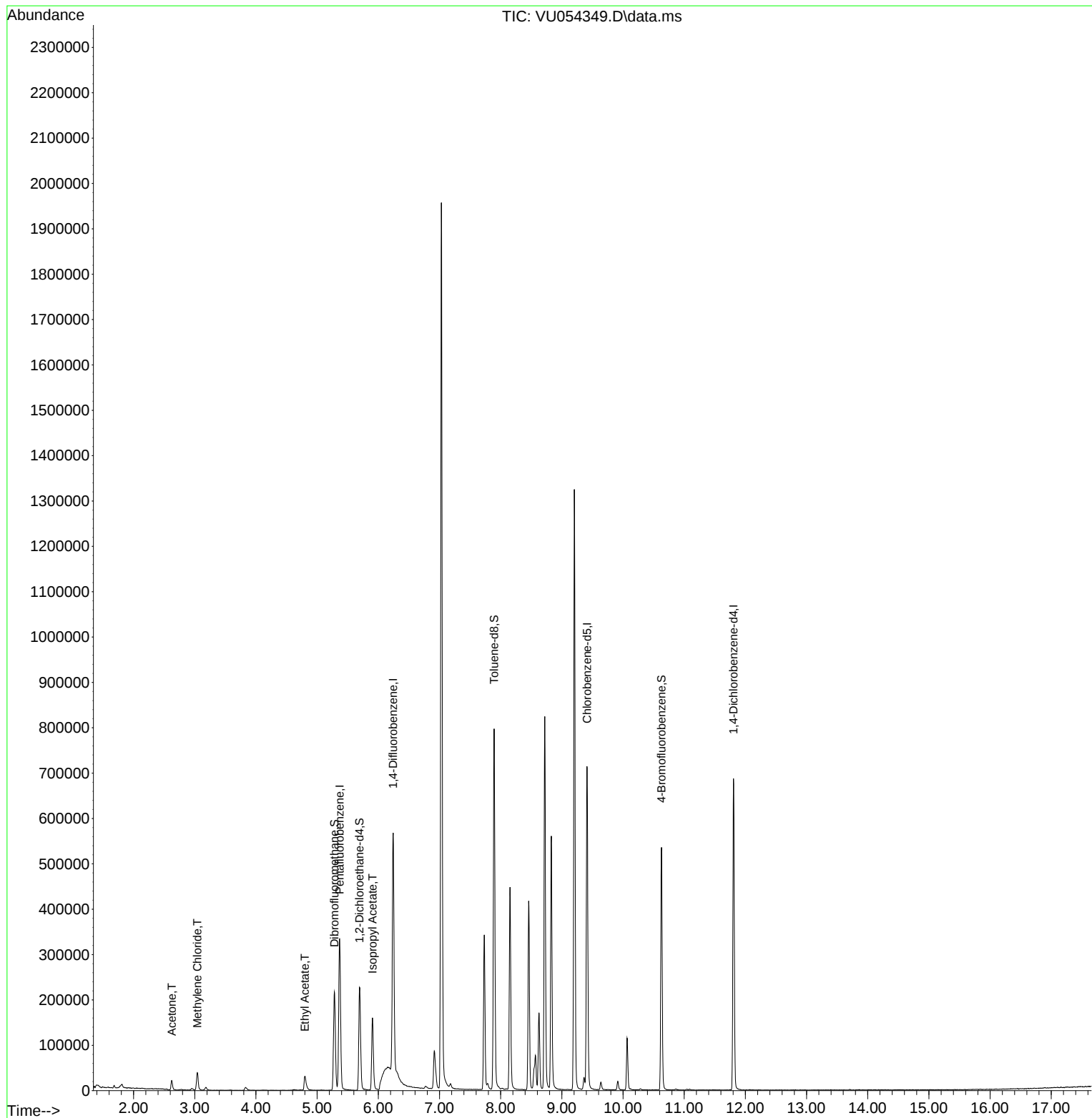
Internal Standards						
1) Pentafluorobenzene	5.369	168	242773	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.243	114	436373	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.414	117	404815	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.806	152	188875	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.694	65	171877	54.007	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	108.020%	
35) Dibromofluoromethane	5.282	113	141811	50.464	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	100.920%	
50) Toluene-d8	7.893	98	528447	49.439	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	98.880%	
62) 4-Bromofluorobenzene	10.629	95	179160	43.228	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	86.460%	
Target Compounds						
					Qvalue	
16) Acetone	2.623	43	24023	13.169	ug/l	97
20) Methylene Chloride	3.041	84	20626	6.267	ug/l	95
37) Ethyl Acetate	4.800	43	43796	8.142	ug/l #	92
43) Isopropyl Acetate	5.906	43	168350	22.689	ug/l	98

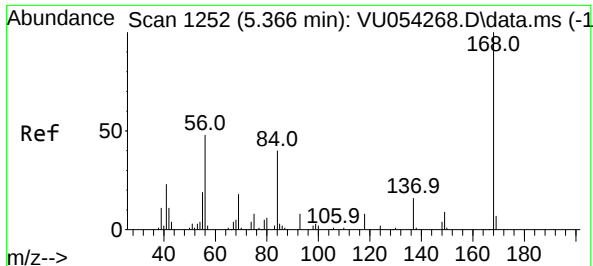
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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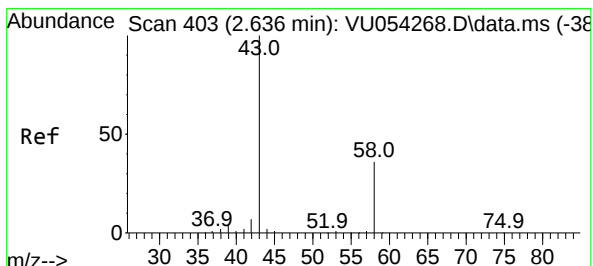
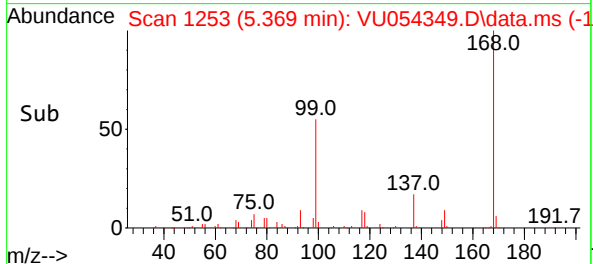
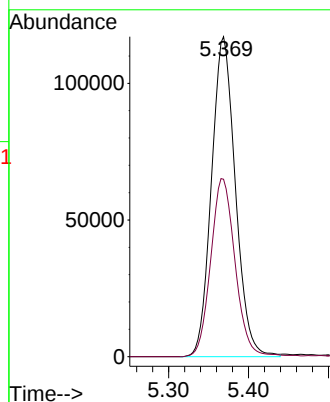
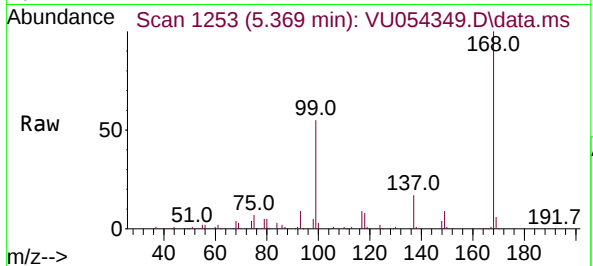




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.369 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU054349.D
Acq: 31 May 2023 19:46

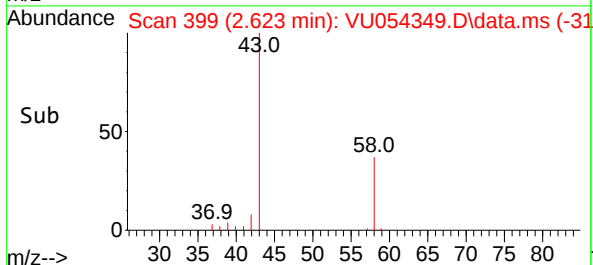
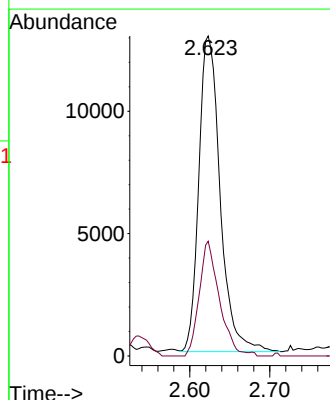
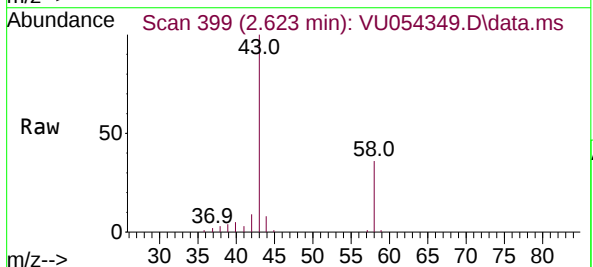
Instrument :
MSVOA_U
ClientSampleId :
PB153123ZHE#08

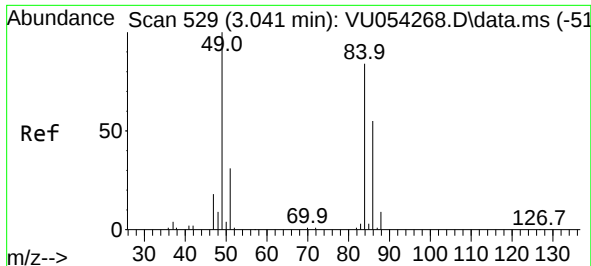
Tgt Ion:168 Resp: 242773
Ion Ratio Lower Upper
168 100
99 55.4 39.3 58.9



#16
Acetone
Concen: 13.169 ug/l
RT: 2.623 min Scan# 399
Delta R.T. -0.013 min
Lab File: VU054349.D
Acq: 31 May 2023 19:46

Tgt Ion: 43 Resp: 24023
Ion Ratio Lower Upper
43 100
58 36.3 27.5 41.3

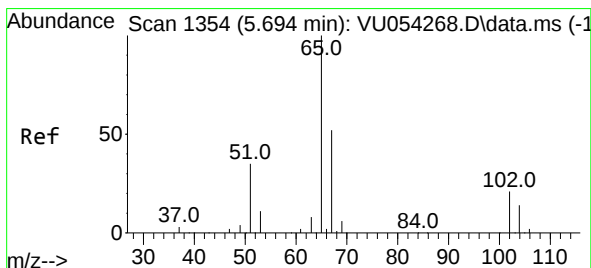
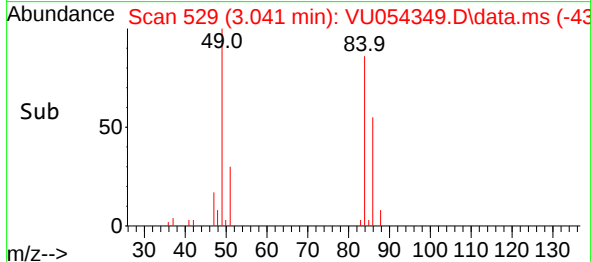
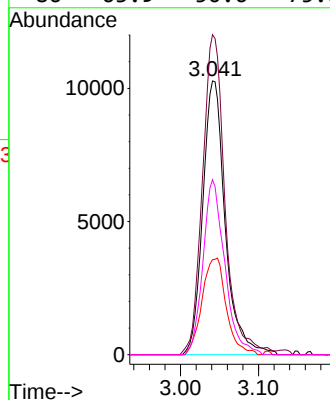
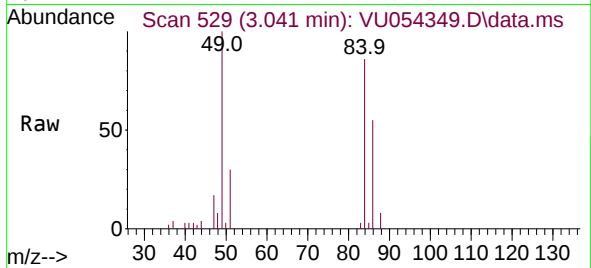




#20
Methylene Chloride
Concen: 6.267 ug/l
RT: 3.041 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU054349.D
Acq: 31 May 2023 19:46

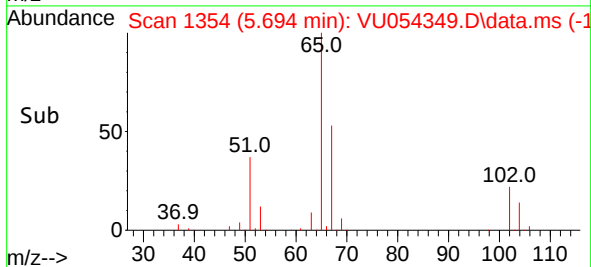
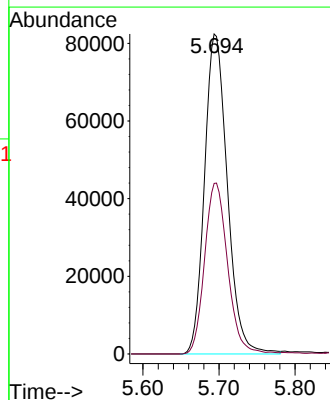
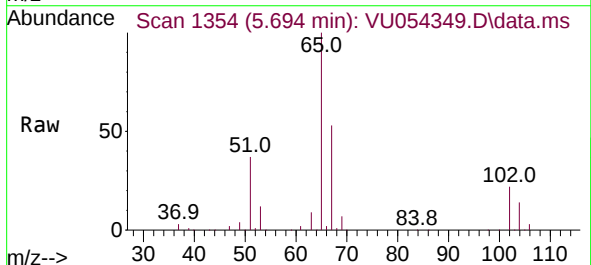
Instrument :
MSVOA_U
ClientSampleId :
PB153123ZHE#08

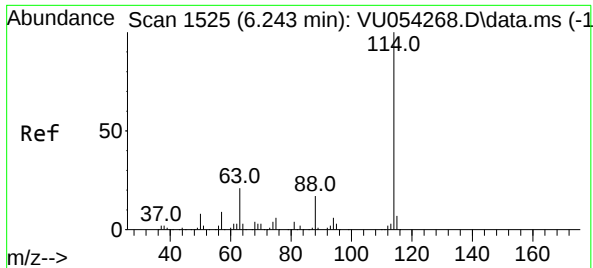
Tgt Ion:	84	Resp:	20626
Ion	Ratio	Lower	Upper
84	100		
49	116.9	86.6	129.8
51	34.7	26.6	40.0
86	63.9	50.6	75.8



#33
1,2-Dichloroethane-d4
Concen: 54.007 ug/l
RT: 5.694 min Scan# 1354
Delta R.T. -0.000 min
Lab File: VU054349.D
Acq: 31 May 2023 19:46

Tgt Ion:	65	Resp:	171877
Ion	Ratio	Lower	Upper
65	100		
67	53.7	0.0	108.0

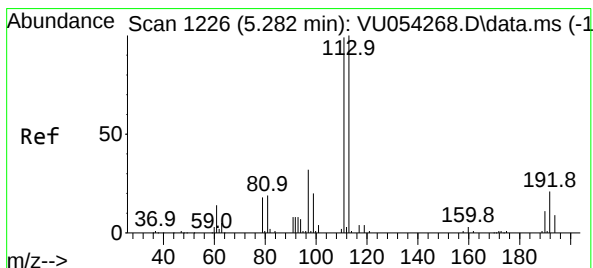
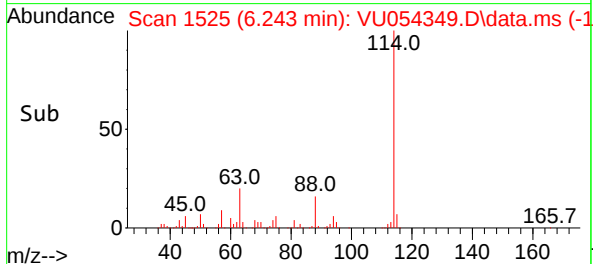
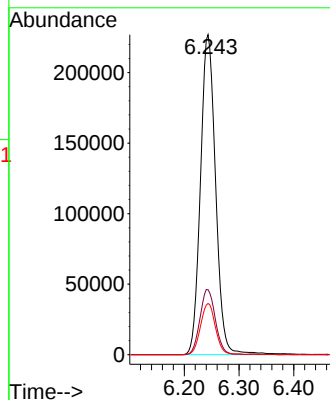
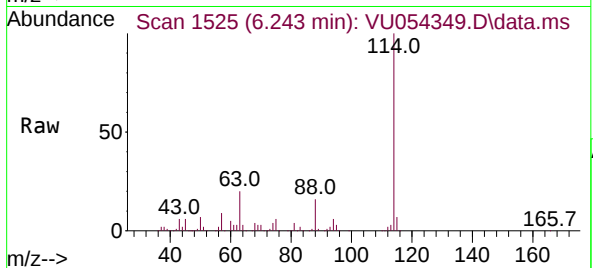




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.243 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU054349.D
Acq: 31 May 2023 19:46

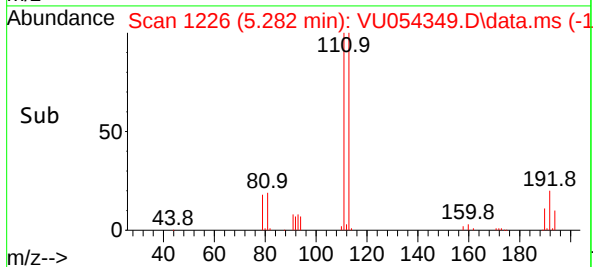
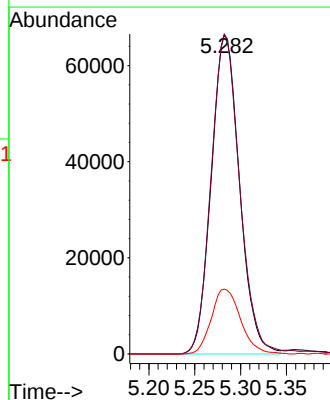
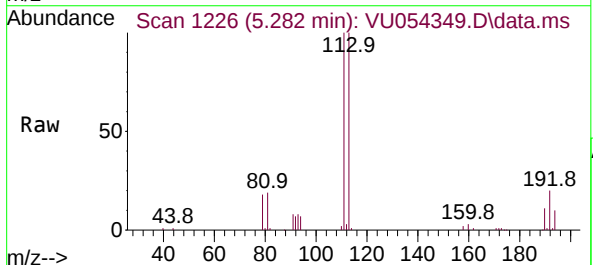
Instrument :
MSVOA_U
ClientSampleId :
PB153123ZHE#08

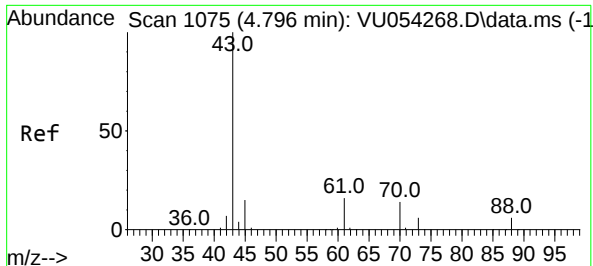
Tgt Ion:114 Resp: 436373
Ion Ratio Lower Upper
114 100
63 20.3 0.0 37.8
88 16.0 0.0 29.2



#35
Dibromofluoromethane
Concen: 50.464 ug/l
RT: 5.282 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VU054349.D
Acq: 31 May 2023 19:46

Tgt Ion:113 Resp: 141811
Ion Ratio Lower Upper
113 100
111 101.3 82.1 123.1
192 21.2 18.0 27.0





#37

Ethyl Acetate

Concen: 8.142 ug/l

RT: 4.800 min Scan# 1

Delta R.T. 0.004 min

Lab File: VU054349.D

Acq: 31 May 2023 19:46

Instrument :

MSVOA_U

ClientSampleId :

PB153123ZHE#08

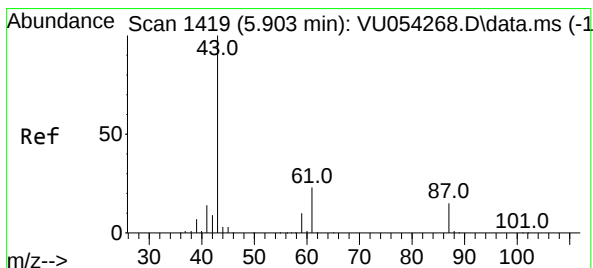
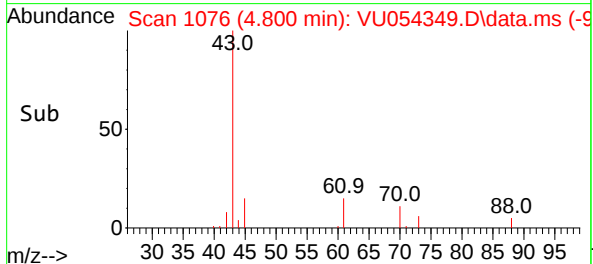
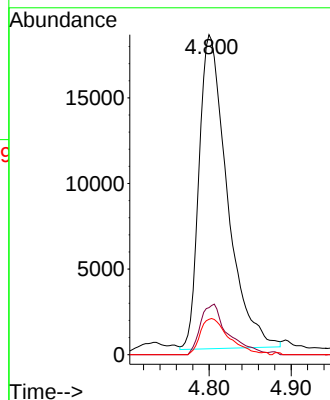
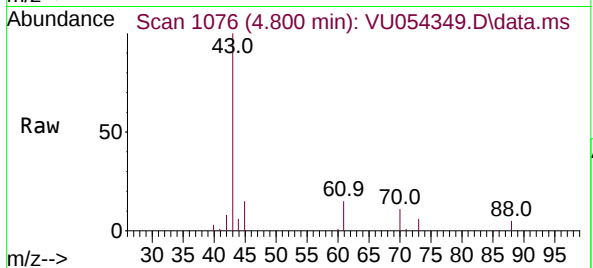
Tgt Ion: 43 Resp: 43796

Ion Ratio Lower Upper

43 100

61 15.6 9.5 14.3#

70 11.8 7.5 11.3#



#43

Isopropyl Acetate

Concen: 22.689 ug/l

RT: 5.906 min Scan# 1420

Delta R.T. 0.003 min

Lab File: VU054349.D

Acq: 31 May 2023 19:46

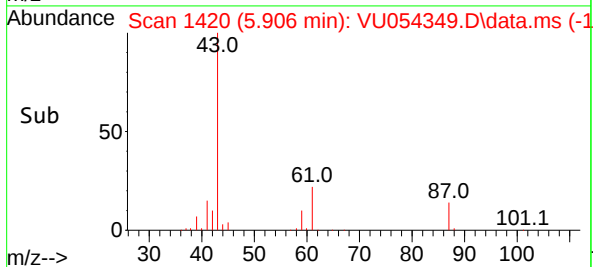
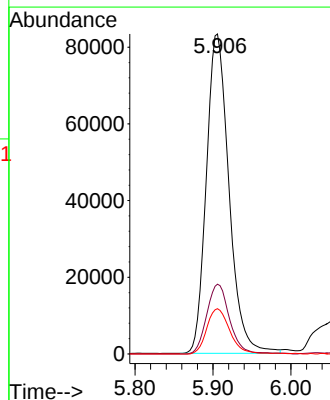
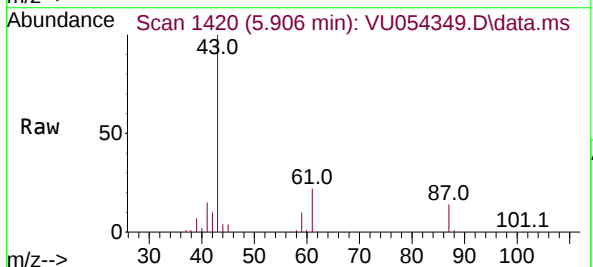
Tgt Ion: 43 Resp: 168350

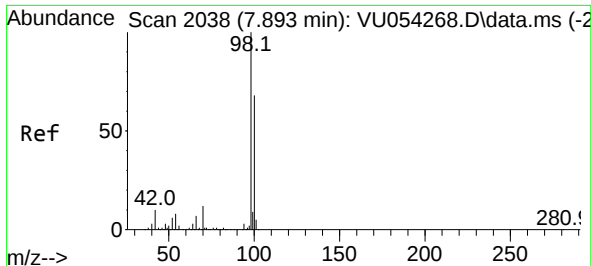
Ion Ratio Lower Upper

43 100

61 22.0 17.4 26.0

87 14.2 12.6 18.8

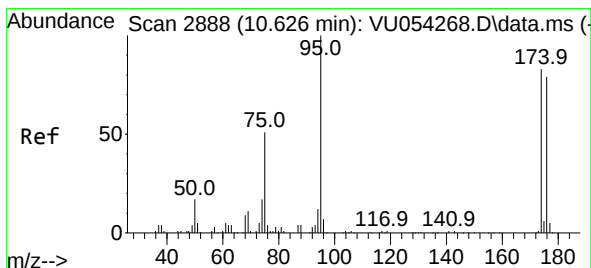
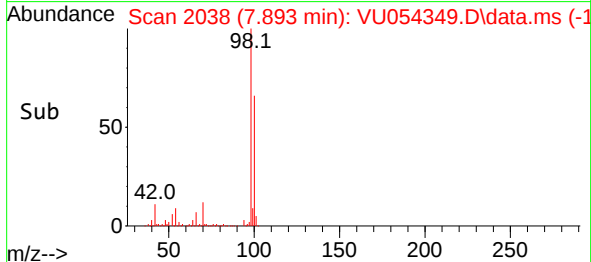
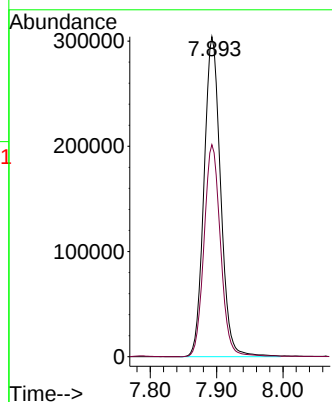
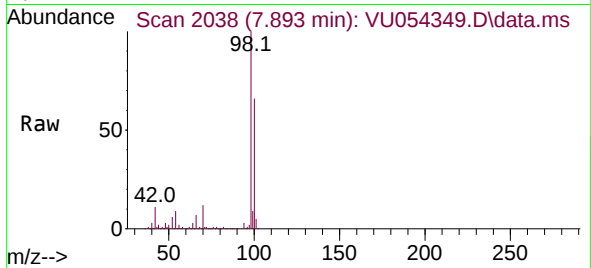




#50
Toluene-d8
Concen: 49.439 ug/l
RT: 7.893 min Scan# 2038
Delta R.T. -0.000 min
Lab File: VU054349.D
Acq: 31 May 2023 19:46

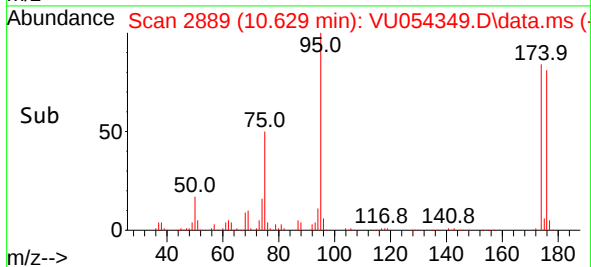
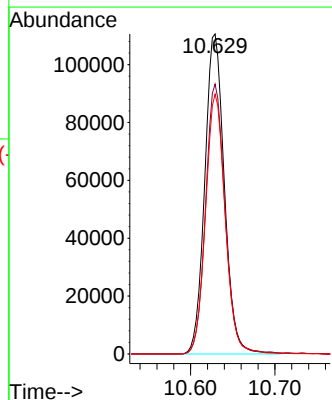
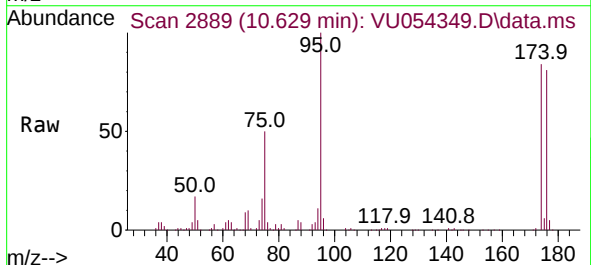
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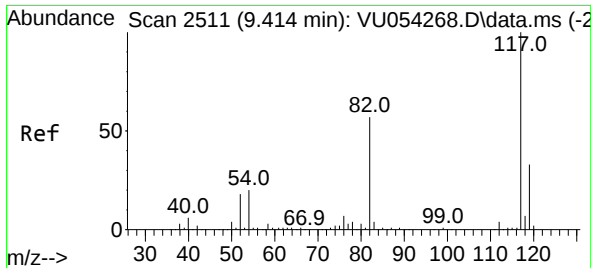
Tgt Ion: 98 Resp: 528447
Ion Ratio Lower Upper
98 100
100 65.8 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 43.228 ug/l
RT: 10.629 min Scan# 2889
Delta R.T. 0.003 min
Lab File: VU054349.D
Acq: 31 May 2023 19:46

Tgt Ion: 95 Resp: 179160
Ion Ratio Lower Upper
95 100
174 84.2 0.0 182.0
176 81.2 0.0 177.8

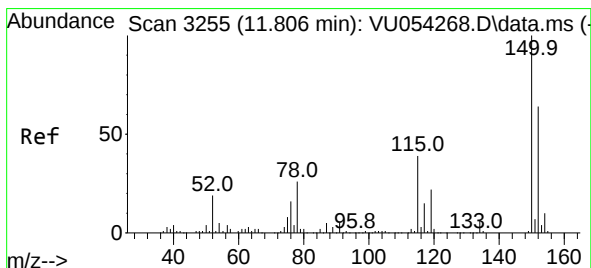
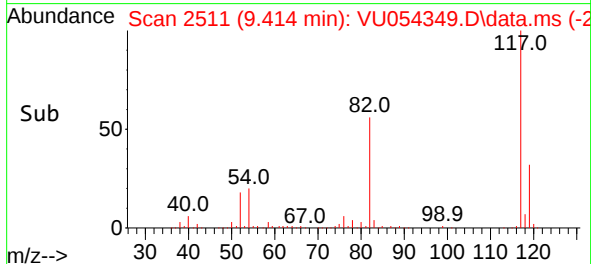
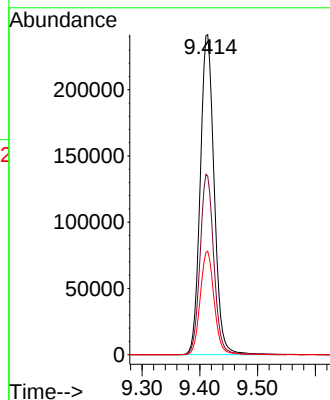
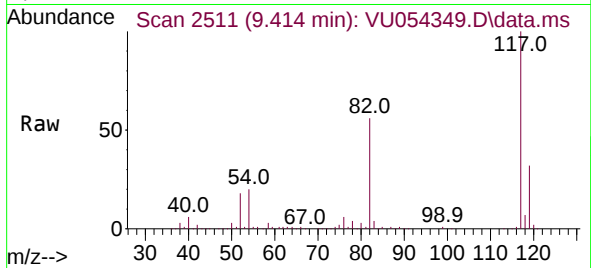




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.414 min Scan# 2511
Delta R.T. -0.000 min
Lab File: VU054349.D
Acq: 31 May 2023 19:46

Instrument :
MSVOA_U
ClientSampleId :
PB153123ZHE#08

Tgt Ion:117 Resp: 404815
Ion Ratio Lower Upper
117 100
82 55.8 41.7 62.5
119 32.4 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: VU054349.D
Acq: 31 May 2023 19:46

Tgt Ion:152 Resp: 188875
Ion Ratio Lower Upper
152 100
115 58.8 37.0 110.9
150 155.9 0.0 342.2

