

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053123\
 Data File : VU054343.D
 Acq On : 31 May 2023 17:24
 Operator : JC/MD
 Sample : PB153123ZHE#02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PB153123ZHE#02

Quant Time: Jun 01 05:23:34 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)

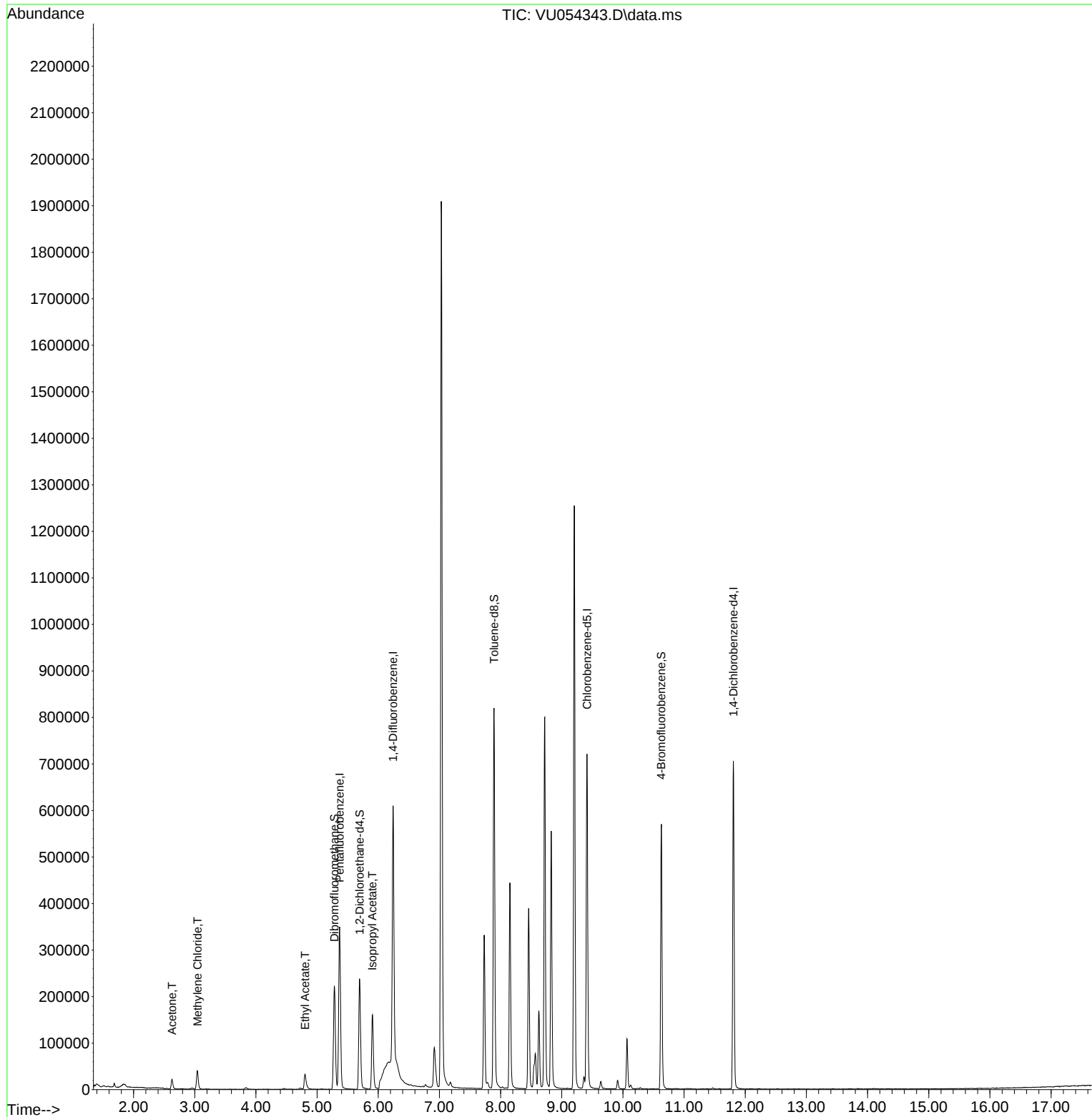
Internal Standards						
1) Pentafluorobenzene	5.369	168	256211	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.243	114	446525	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.414	117	415138	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.806	152	192077	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.697	65	180270	53.673	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 107.340%		
35) Dibromofluoromethane	5.282	113	148704	51.714	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 103.420%		
50) Toluene-d8	7.893	98	547186	50.028	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 100.060%		
62) 4-Bromofluorobenzene	10.629	95	186416	43.956	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 87.920%		
Target Compounds						
					Qvalue	
16) Acetone	2.629	43	25526	13.259	ug/l	99
20) Methylene Chloride	3.044	84	20424	5.880	ug/l	97
37) Ethyl Acetate	4.803	43	43761	7.950	ug/l #	89
43) Isopropyl Acetate	5.906	43	170488	22.455	ug/l	98

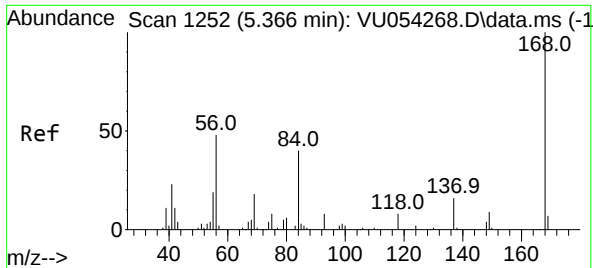
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053123\
Data File : VU054343.D
Acq On : 31 May 2023 17:24
Operator : JC/MD
Sample : PB153123ZHE#02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
PB153123ZHE#02

Quant Time: Jun 01 05:23:34 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

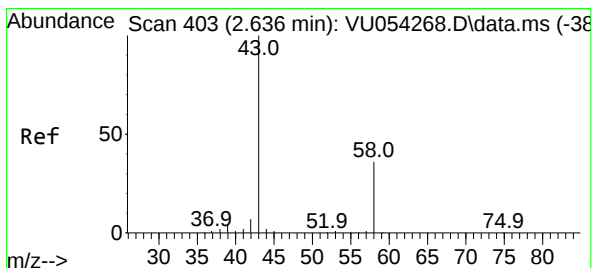
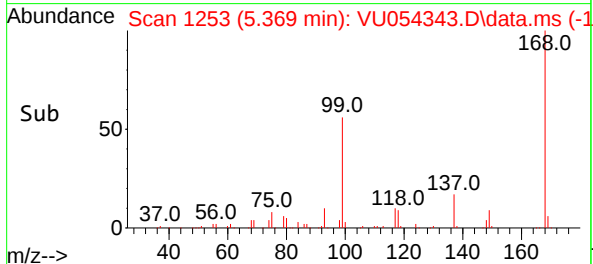
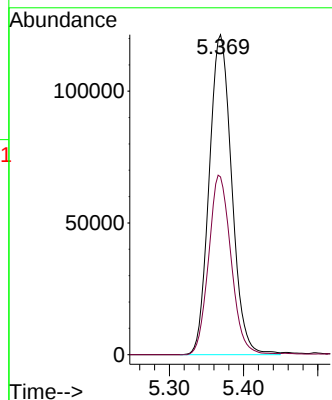
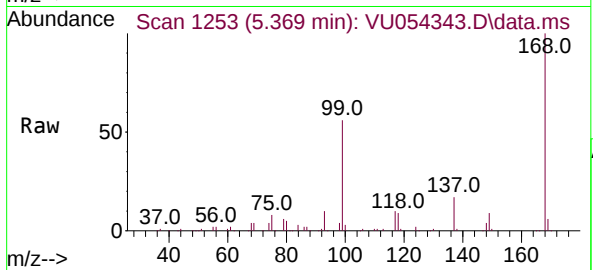




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.369 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU054343.D
Acq: 31 May 2023 17:24

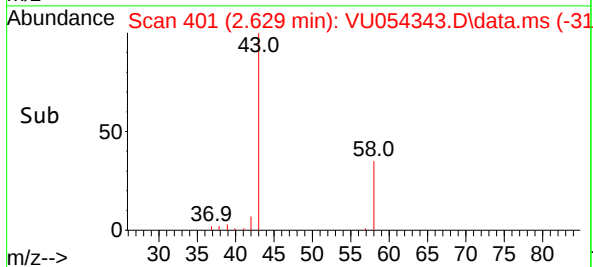
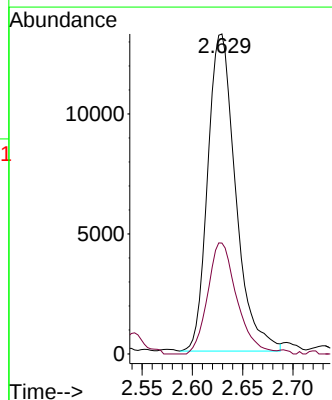
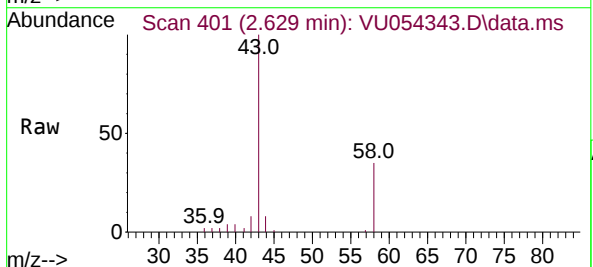
Instrument :
MSVOA_U
ClientSampleId :
PB153123ZHE#02

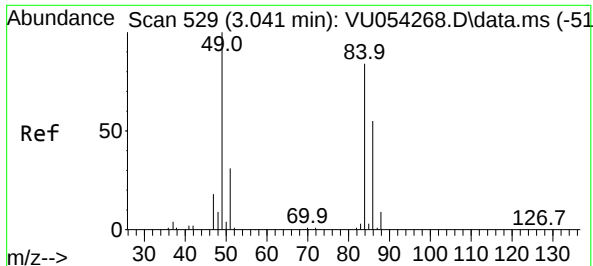
Tgt Ion:168 Resp: 256211
Ion Ratio Lower Upper
168 100
99 55.5 39.3 58.9



#16
Acetone
Concen: 13.259 ug/l
RT: 2.629 min Scan# 401
Delta R.T. -0.007 min
Lab File: VU054343.D
Acq: 31 May 2023 17:24

Tgt Ion: 43 Resp: 25526
Ion Ratio Lower Upper
43 100
58 35.0 27.5 41.3

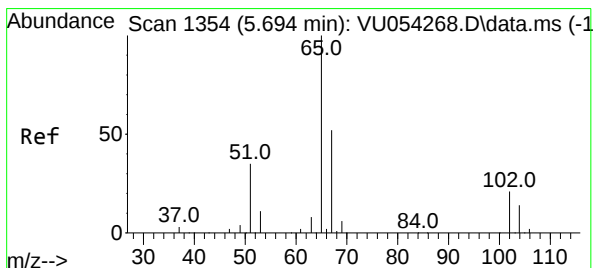
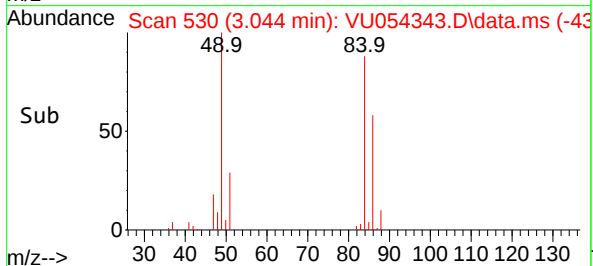
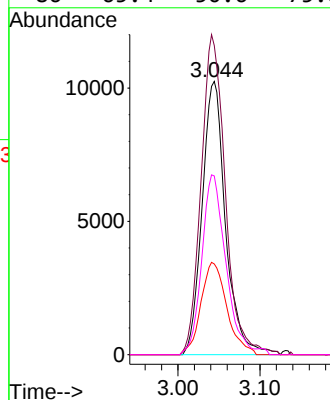
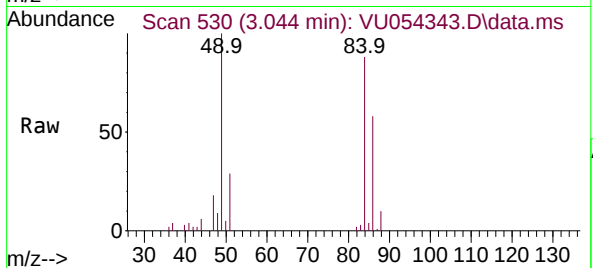




#20
Methylene Chloride
Concen: 5.880 ug/l
RT: 3.044 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU054343.D
Acq: 31 May 2023 17:24

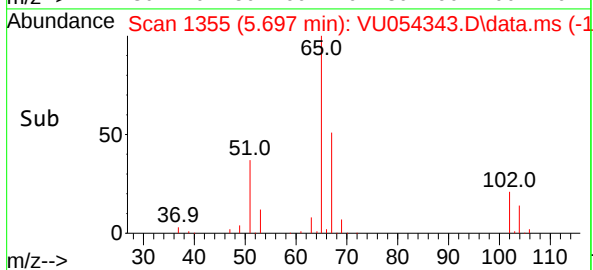
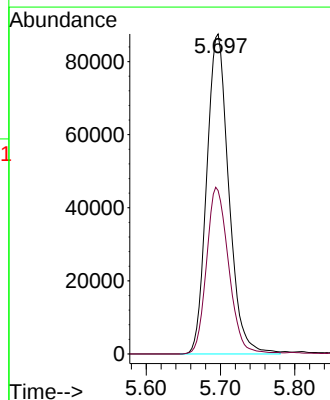
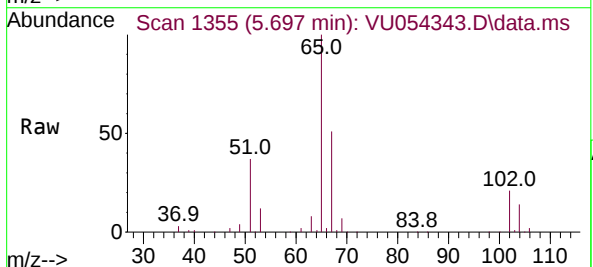
Instrument :
MSVOA_U
ClientSampleId :
PB153123ZHE#02

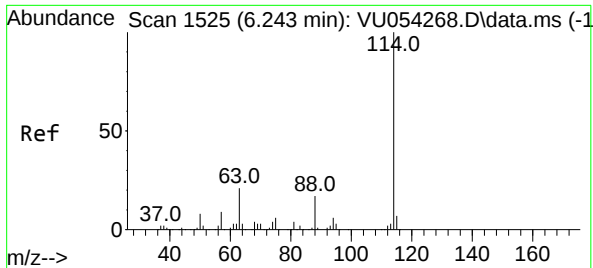
Tgt Ion:	84	Resp:	20424
Ion	Ratio	Lower	Upper
84	100		
49	113.1	86.6	129.8
51	33.2	26.6	40.0
86	65.4	50.6	75.8



#33
1,2-Dichloroethane-d4
Concen: 53.673 ug/l
RT: 5.697 min Scan# 1355
Delta R.T. 0.003 min
Lab File: VU054343.D
Acq: 31 May 2023 17:24

Tgt Ion:	65	Resp:	180270
Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	108.0

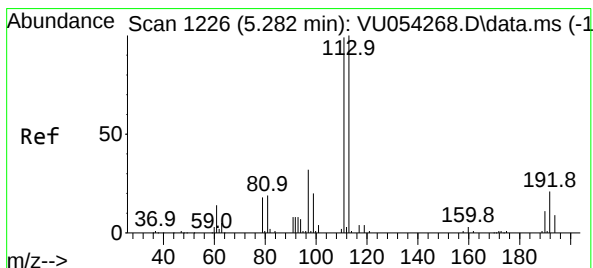
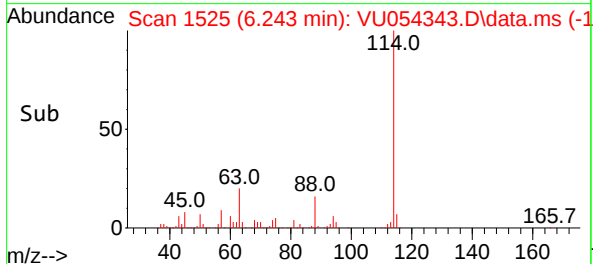
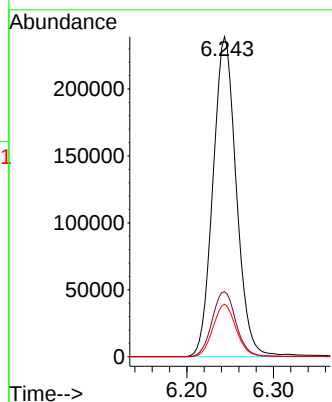
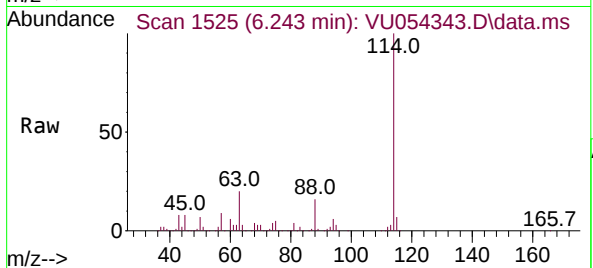




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.243 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU054343.D
Acq: 31 May 2023 17:24

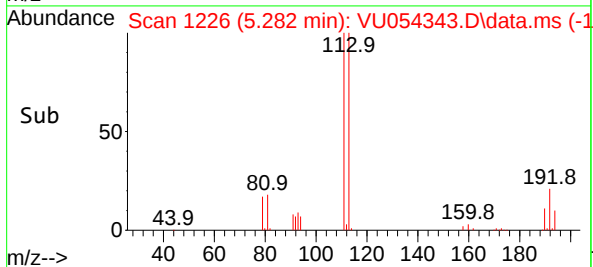
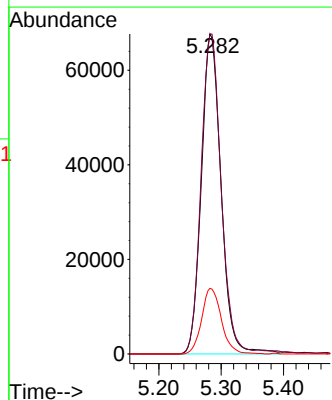
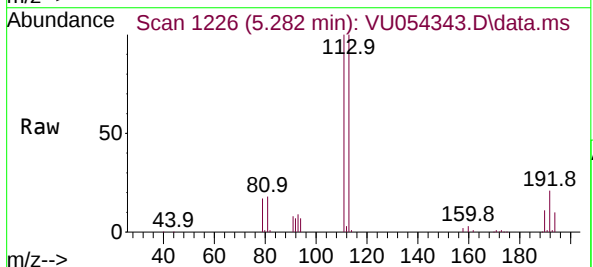
Instrument :
MSVOA_U
ClientSampleId :
PB153123ZHE#02

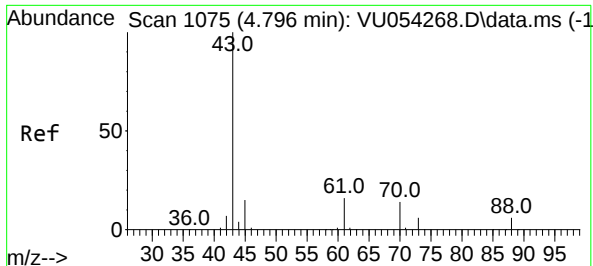
Tgt Ion:	114	Resp:	446525
Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	37.8
88	16.4	0.0	29.2



#35
Dibromofluoromethane
Concen: 51.714 ug/l
RT: 5.282 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VU054343.D
Acq: 31 May 2023 17:24

Tgt Ion:	113	Resp:	148704
Ion	Ratio	Lower	Upper
113	100		
111	101.1	82.1	123.1
192	20.6	18.0	27.0

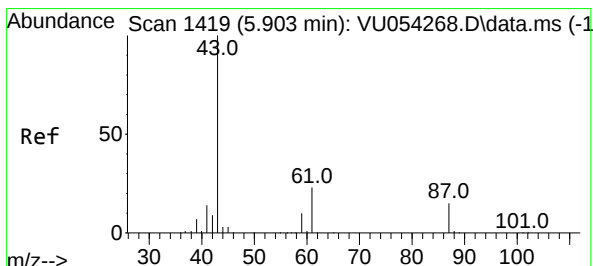
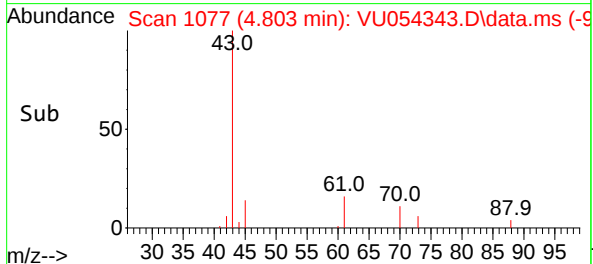
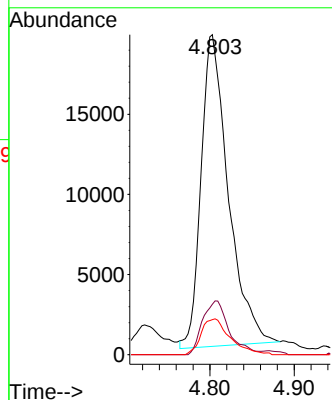
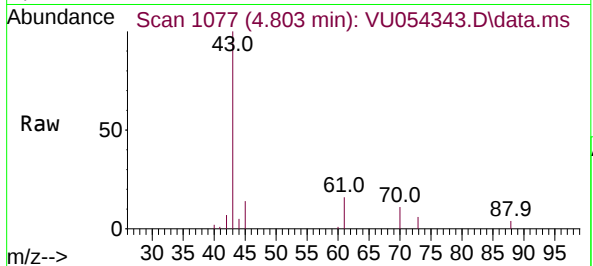




#37
Ethyl Acetate
Concen: 7.950 ug/l
RT: 4.803 min Scan# 11
Delta R.T. 0.007 min
Lab File: VU054343.D
Acq: 31 May 2023 17:24

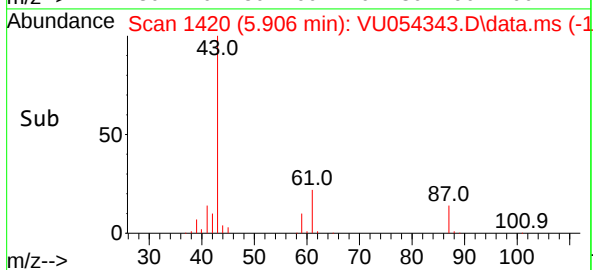
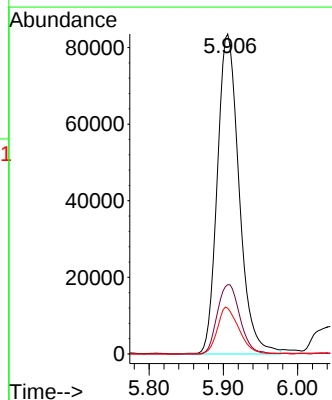
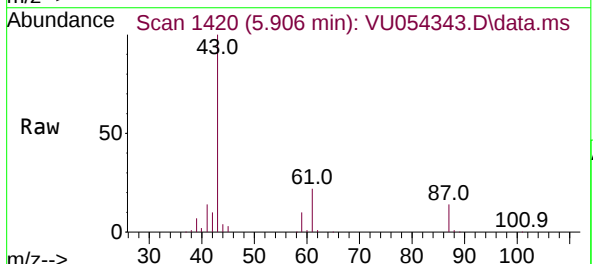
Instrument :
MSVOA_U
ClientSampleId :
PB153123ZHE#02

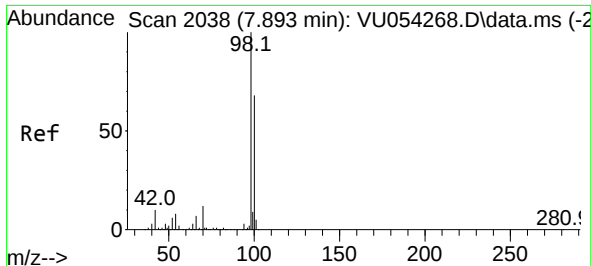
Tgt Ion: 43 Resp: 43761
Ion Ratio Lower Upper
43 100
61 16.8 9.5 14.3#
70 12.3 7.5 11.3#



#43
Isopropyl Acetate
Concen: 22.455 ug/l
RT: 5.906 min Scan# 1420
Delta R.T. 0.003 min
Lab File: VU054343.D
Acq: 31 May 2023 17:24

Tgt Ion: 43 Resp: 170488
Ion Ratio Lower Upper
43 100
61 22.6 17.4 26.0
87 14.4 12.6 18.8

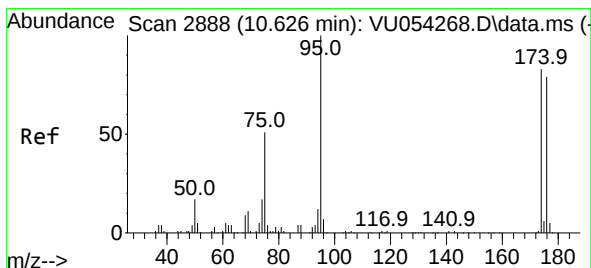
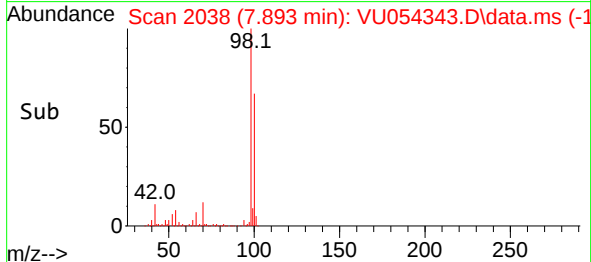
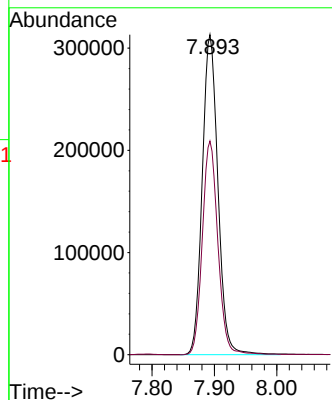
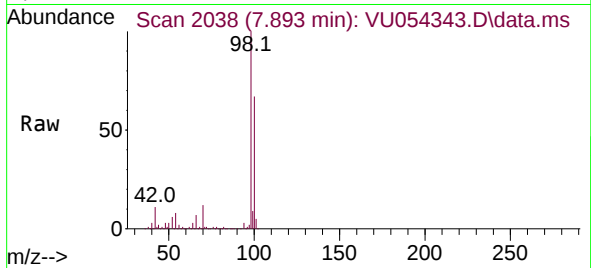




#50
Toluene-d8
Concen: 50.028 ug/l
RT: 7.893 min Scan# 2038
Delta R.T. -0.000 min
Lab File: VU054343.D
Acq: 31 May 2023 17:24

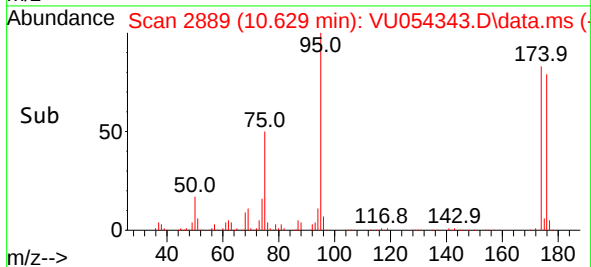
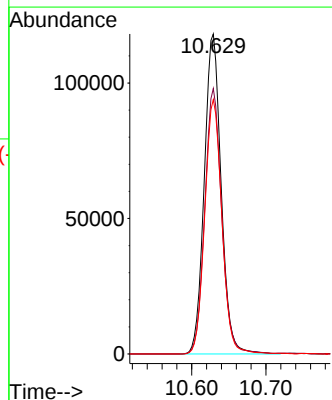
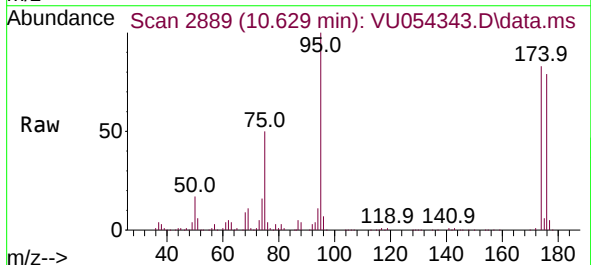
Instrument :
MSVOA_U
ClientSampleId :
PB153123ZHE#02

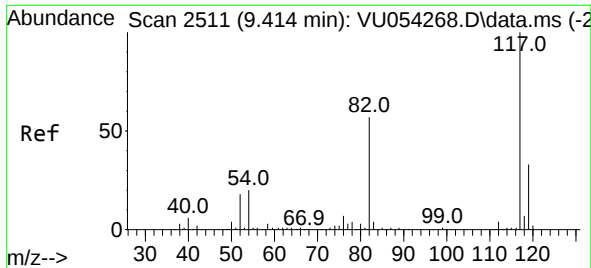
Tgt Ion: 98 Resp: 547186
Ion Ratio Lower Upper
98 100
100 66.2 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 43.956 ug/l
RT: 10.629 min Scan# 2889
Delta R.T. 0.003 min
Lab File: VU054343.D
Acq: 31 May 2023 17:24

Tgt Ion: 95 Resp: 186416
Ion Ratio Lower Upper
95 100
174 83.4 0.0 182.0
176 80.7 0.0 177.8

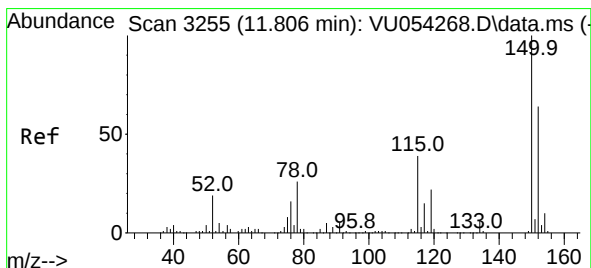
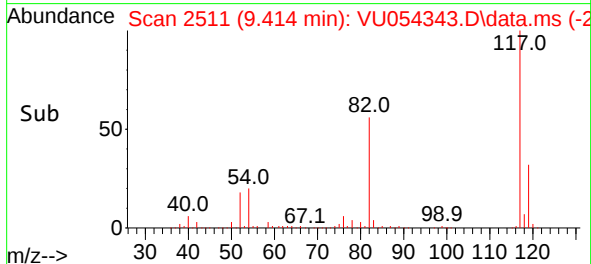
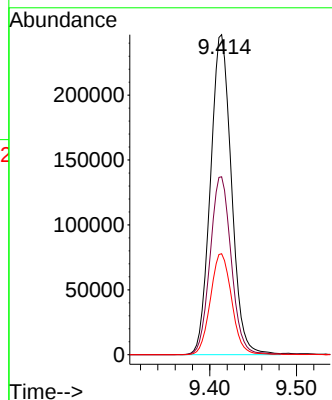
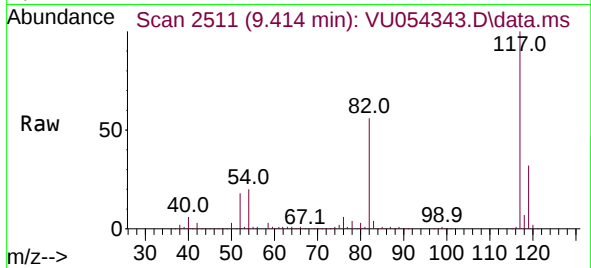




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.414 min Scan# 2511
Delta R.T. -0.000 min
Lab File: VU054343.D
Acq: 31 May 2023 17:24

Instrument :
MSVOA_U
ClientSampleId :
PB153123ZHE#02

Tgt Ion:117 Resp: 415138
Ion Ratio Lower Upper
117 100
82 55.5 41.7 62.5
119 31.6 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: VU054343.D
Acq: 31 May 2023 17:24

Tgt Ion:152 Resp: 192077
Ion Ratio Lower Upper
152 100
115 58.7 37.0 110.9
150 157.4 0.0 342.2

