

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040524\
 Data File : VX040893.D
 Acq On : 05 Apr 2024 11:13
 Operator : JC/MD
 Sample : PB160019ZHE#01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB160019ZHE#01

Quant Time: Apr 05 23:17:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040124W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 02 05:40:55 2024
 Response via : Initial Calibration

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

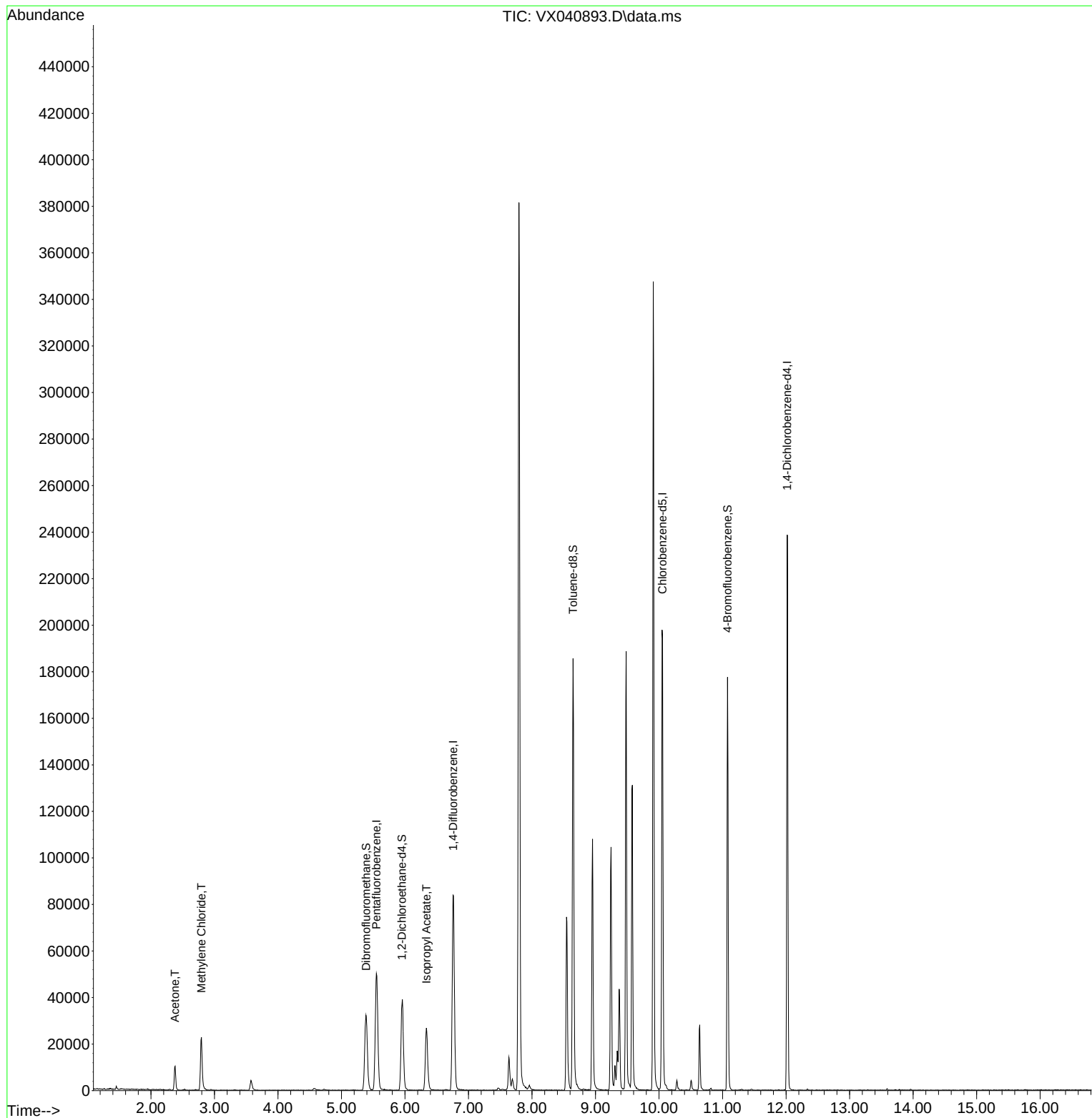
Internal Standards						
1) Pentafluorobenzene	5.550	168	44697	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	80689	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	84173	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	43818	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	39205	48.885	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.760%		
35) Dibromofluoromethane	5.385	113	27864	48.754	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.500%		
50) Toluene-d8	8.647	98	105290	50.984	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.960%		
62) 4-Bromofluorobenzene	11.079	95	43680	52.964	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	105.920%		
Target Compounds						
16) Acetone	2.380	43	11197	35.956	ug/l	98
20) Methylene Chloride	2.794	84	10664	18.479	ug/l	93
43) Isopropyl Acetate	6.336	43	37899	24.610	ug/l	97

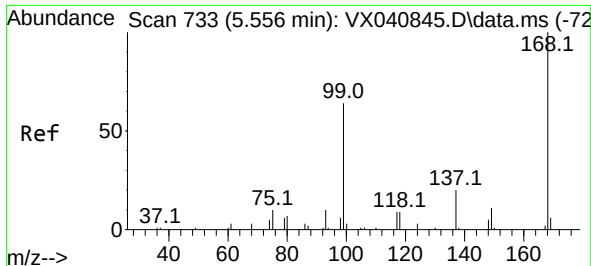
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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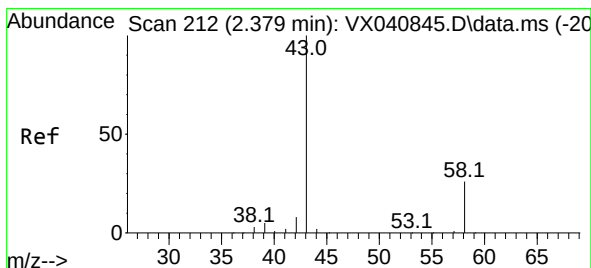
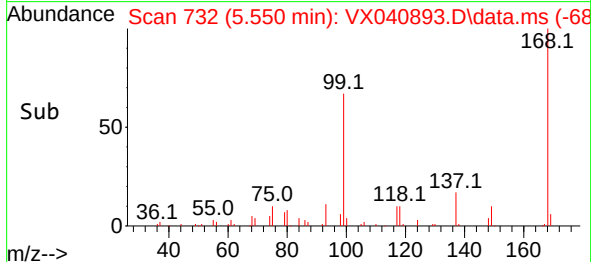
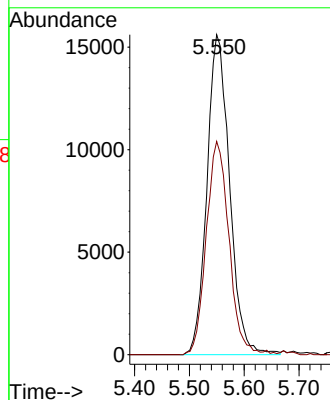
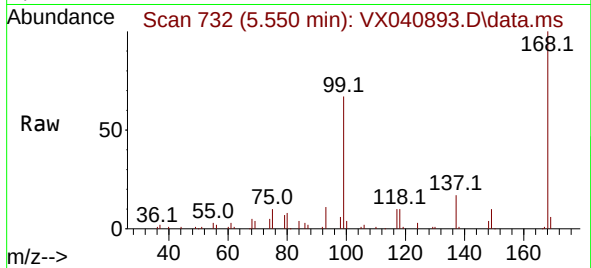




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX040893.D
Acq: 05 Apr 2024 11:13

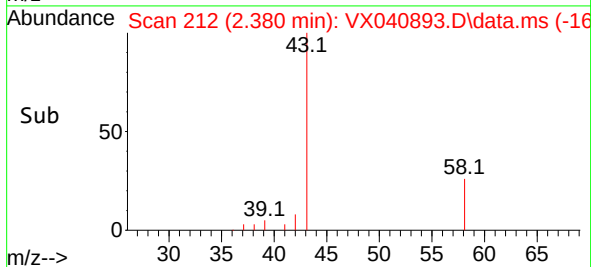
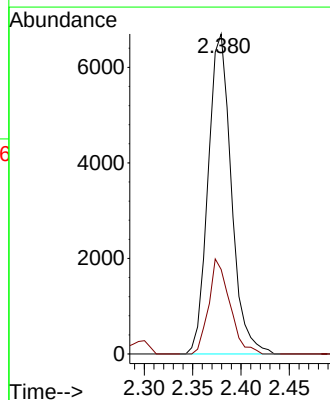
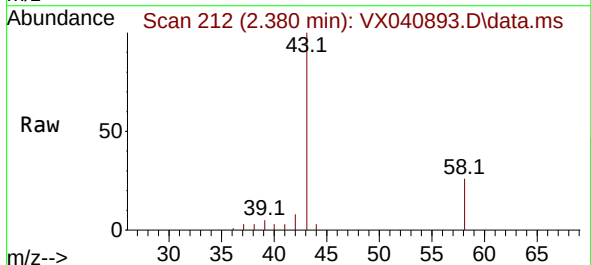
Instrument :
MSVOA_X
ClientSampleId :
PB160019ZHE#01

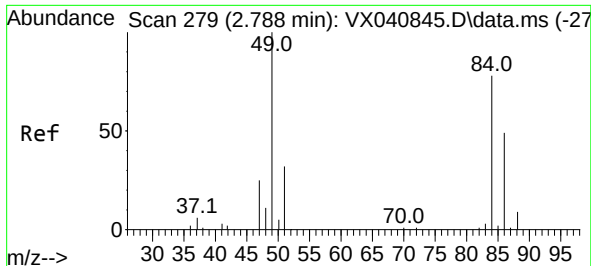
Tgt Ion:168 Resp: 44697
Ion Ratio Lower Upper
168 100
99 66.6 56.6 85.0



#16
Acetone
Concen: 35.956 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX040893.D
Acq: 05 Apr 2024 11:13

Tgt Ion: 43 Resp: 11197
Ion Ratio Lower Upper
43 100
58 26.4 21.9 32.9



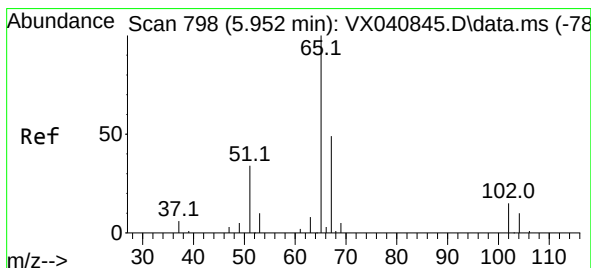
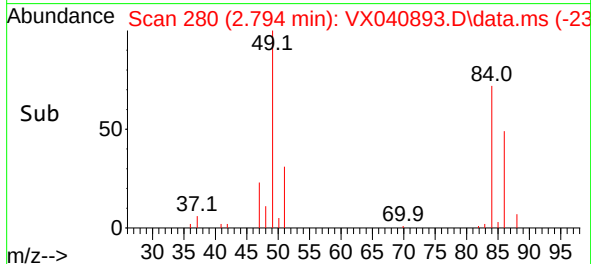
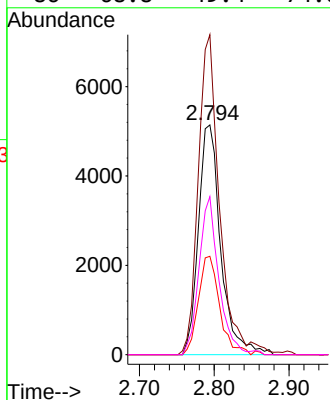
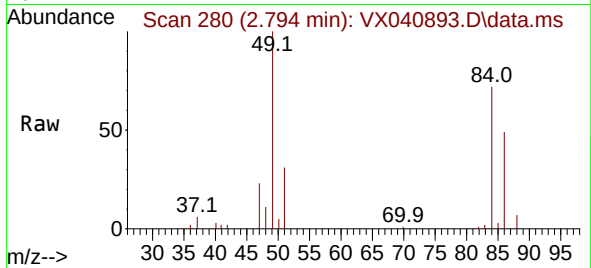


#20
Methylene Chloride
Concen: 18.479 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX040893.D
Acq: 05 Apr 2024 11:13

Instrument :
MSVOA_X
ClientSampleId :
PB160019ZHE#01

Tgt Ion: 84 Resp: 10664

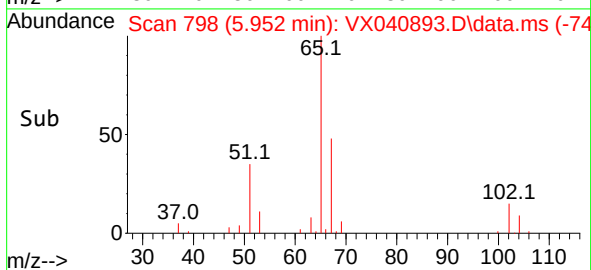
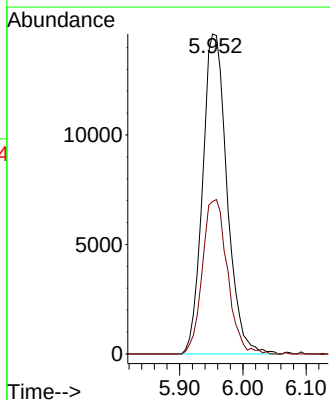
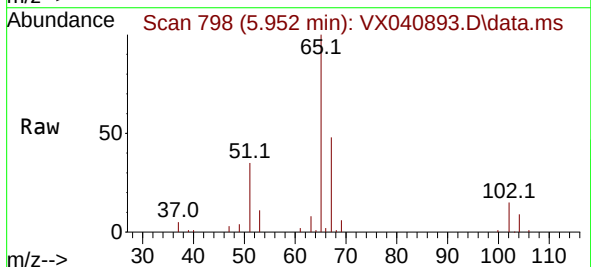
Ion	Ratio	Lower	Upper
84	100		
49	139.3	103.6	155.4
51	42.8	33.8	50.6
86	68.8	49.4	74.0

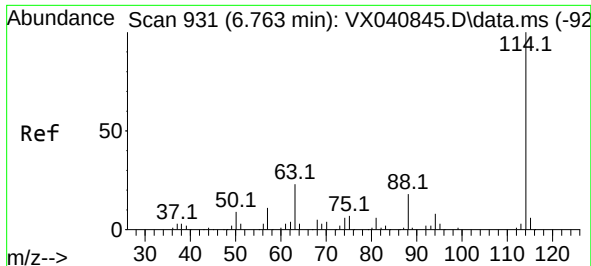


#33
1,2-Dichloroethane-d4
Concen: 48.885 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX040893.D
Acq: 05 Apr 2024 11:13

Tgt Ion: 65 Resp: 39205

Ion	Ratio	Lower	Upper
65	100		
67	49.5	0.0	100.2

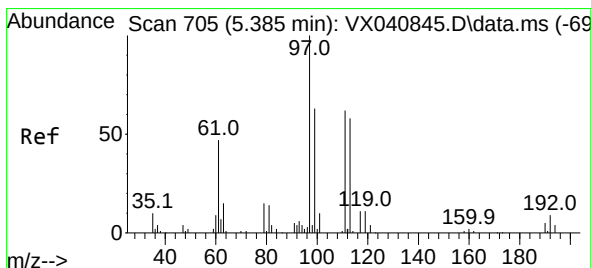
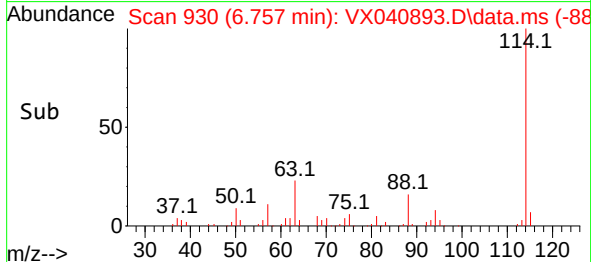
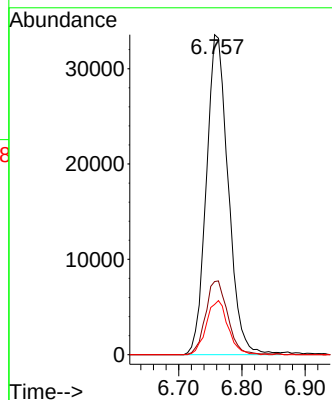
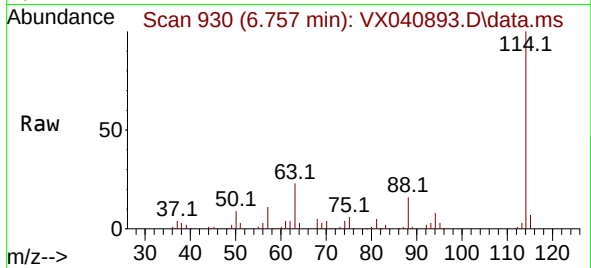




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX040893.D
Acq: 05 Apr 2024 11:13

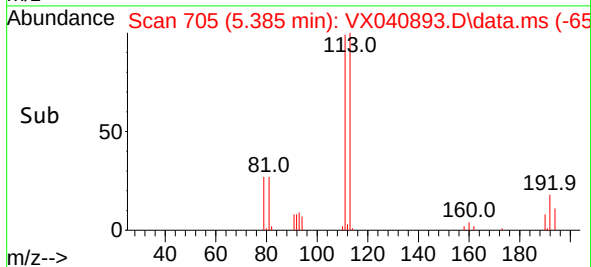
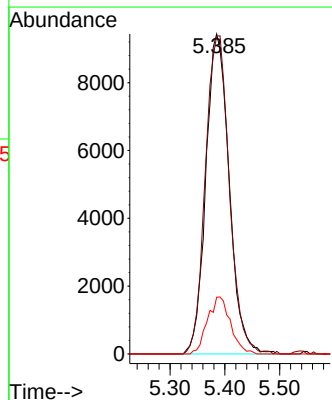
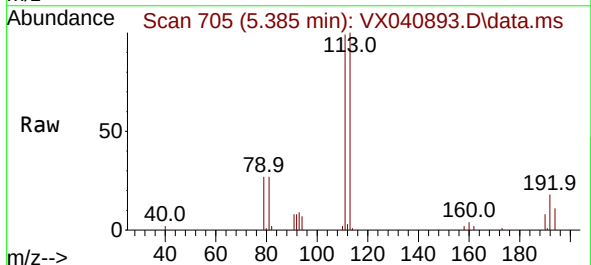
Instrument :
MSVOA_X
ClientSampleId :
PB160019ZHE#01

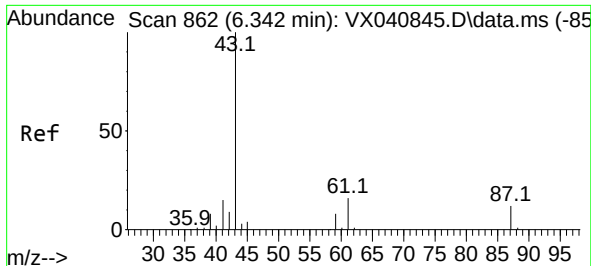
Tgt Ion:114 Resp: 80689
Ion Ratio Lower Upper
114 100
63 22.9 0.0 45.0
88 15.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.754 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040893.D
Acq: 05 Apr 2024 11:13

Tgt Ion:113 Resp: 27864
Ion Ratio Lower Upper
113 100
111 102.4 82.9 124.3
192 17.5 13.3 19.9

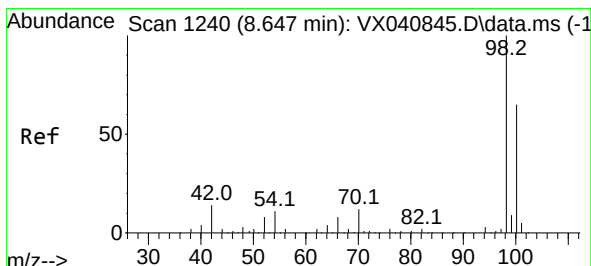
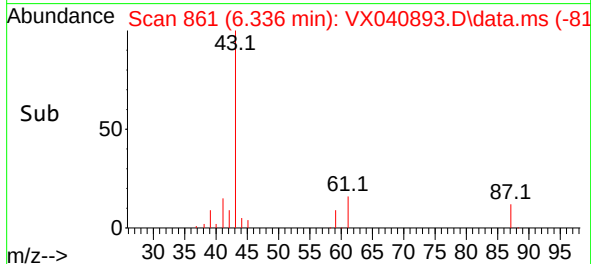
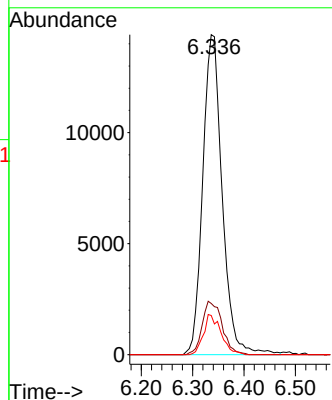
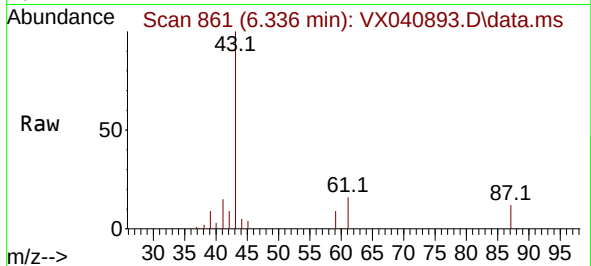




#43
Isopropyl Acetate
Concen: 24.610 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX040893.D
Acq: 05 Apr 2024 11:13

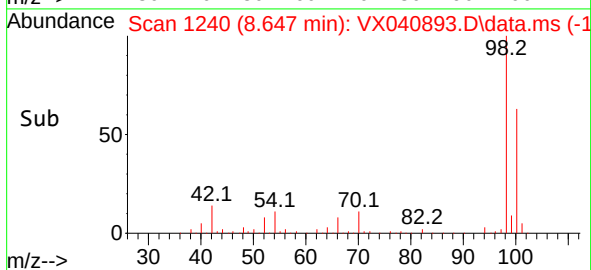
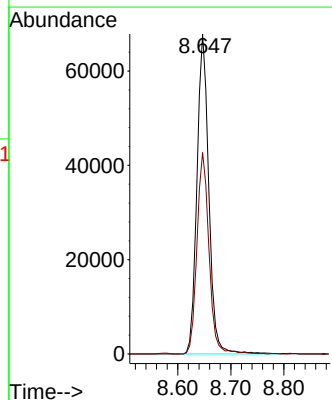
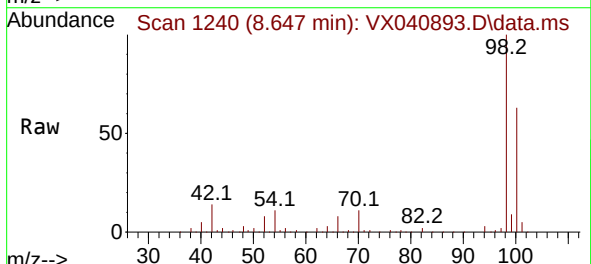
Instrument :
MSVOA_X
ClientSampleId :
PB160019ZHE#01

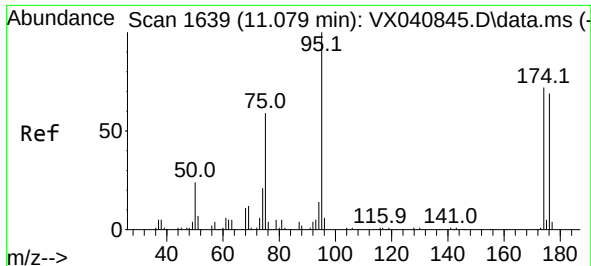
Tgt Ion: 43 Resp: 37899
Ion Ratio Lower Upper
43 100
61 17.1 15.2 22.8
87 11.3 9.8 14.6



#50
Toluene-d8
Concen: 50.984 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX040893.D
Acq: 05 Apr 2024 11:13

Tgt Ion: 98 Resp: 105290
Ion Ratio Lower Upper
98 100
100 64.1 53.1 79.7

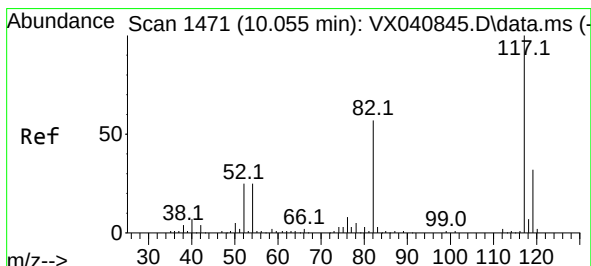
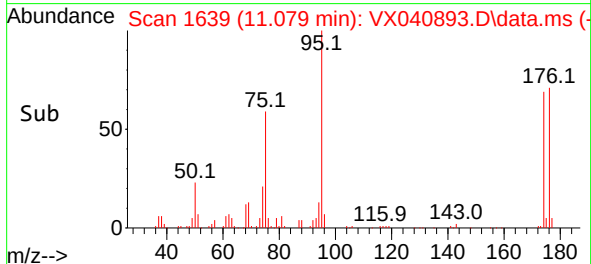
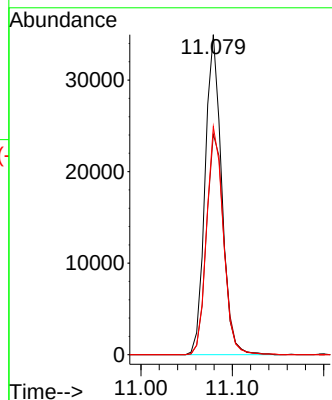
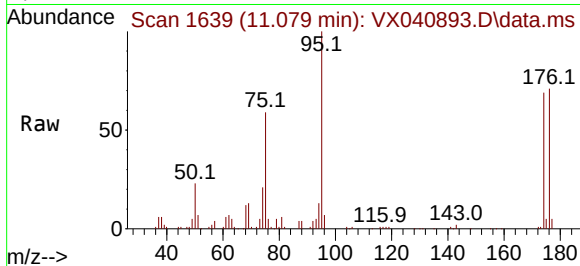




#62
4-Bromofluorobenzene
Concen: 52.964 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040893.D
Acq: 05 Apr 2024 11:13

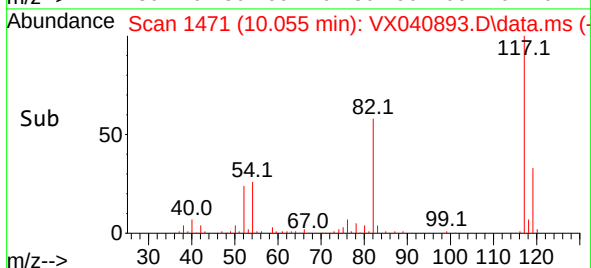
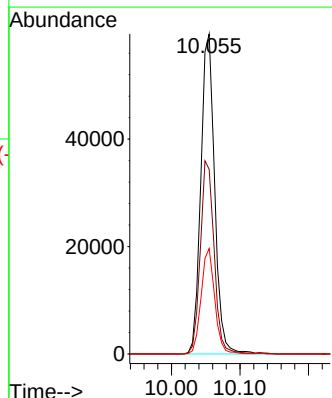
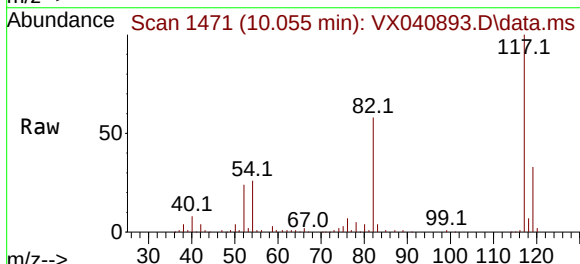
Instrument :
MSVOA_X
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PB160019ZHE#01

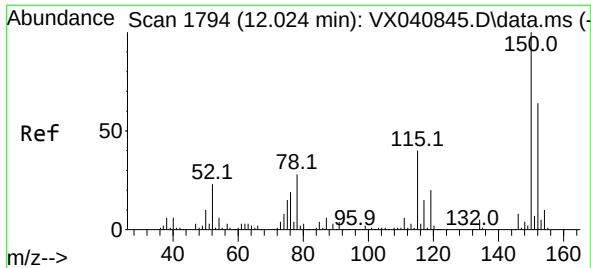
Tgt Ion: 95 Resp: 43680
Ion Ratio Lower Upper
95 100
174 72.4 0.0 135.6
176 72.4 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040893.D
Acq: 05 Apr 2024 11:13

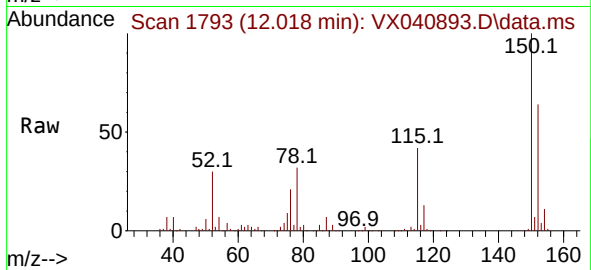
Tgt Ion: 117 Resp: 84173
Ion Ratio Lower Upper
117 100
82 57.7 46.2 69.4
119 33.0 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX040893.D
 Acq: 05 Apr 2024 11:13

Instrument :
 MSVOA_X
 ClientSampleId :
 PB160019ZHE#01



Tgt Ion:152 Resp: 43818
 Ion Ratio Lower Upper
 152 100
 115 64.6 43.3 129.9
 150 159.5 0.0 345.0

