

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051322\
 Data File : VX028702.D
 Acq On : 14 May 2022 01:25
 Operator : JC/MD
 Sample : PB144781ZHE#03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB144781ZHE#03

Quant Time: May 16 02:30:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

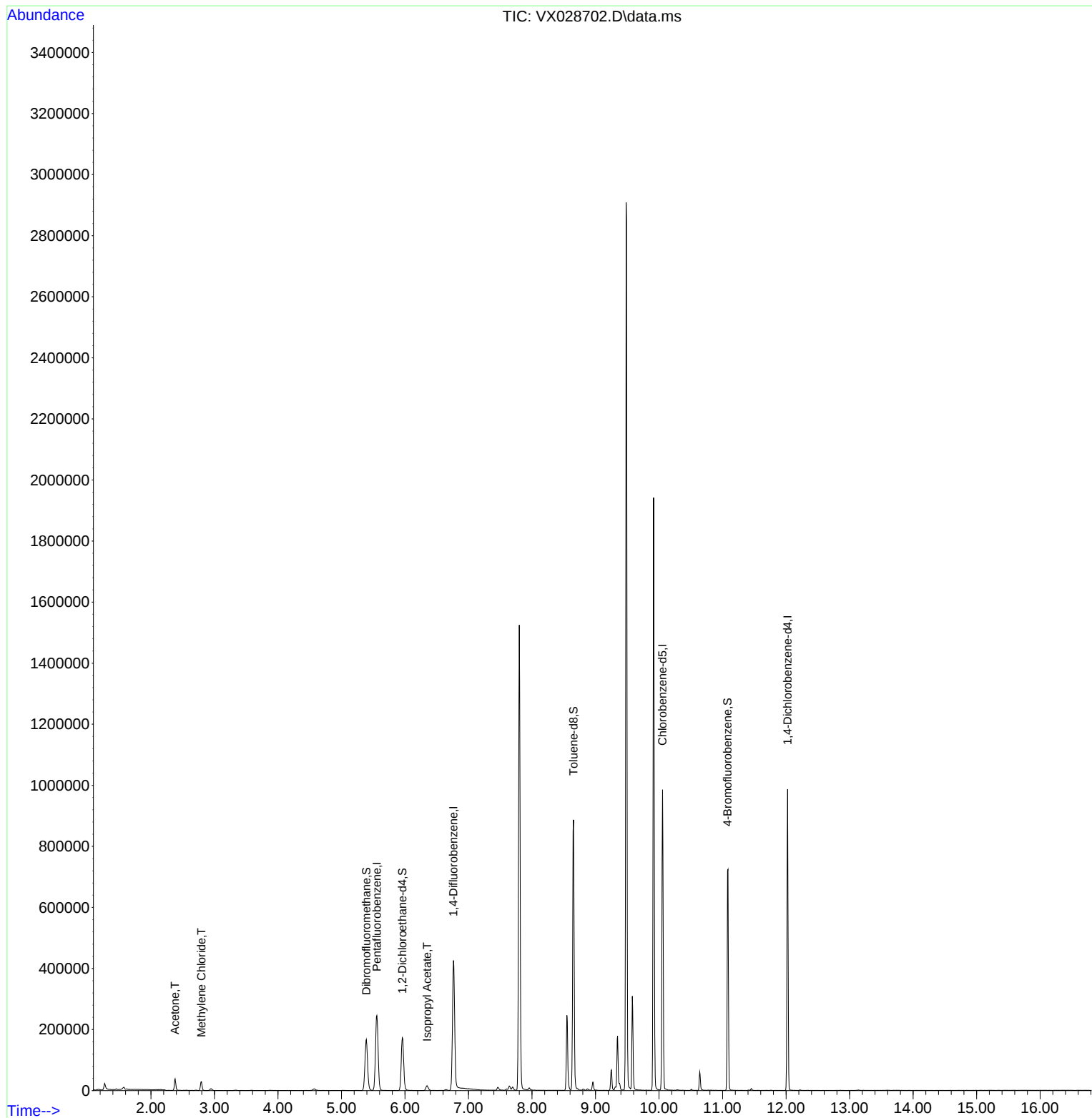
Internal Standards						
1) Pentafluorobenzene	5.555	168	225057	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	428927	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	425381	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	187006	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	166285	53.901	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 107.800%	
35) Dibromofluoromethane	5.391	113	141736	50.435	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 100.880%	
50) Toluene-d8	8.652	98	528874	49.916	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 99.840%	
62) 4-Bromofluorobenzene	11.079	95	194058	49.037	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 98.080%	
Target Compounds						Qvalue
16) Acetone	2.379	43	39349	29.720	ug/l	90
20) Methylene Chloride	2.794	84	13458	4.845	ug/l	95
43) Isopropyl Acetate	6.348	43	21642	3.138	ug/l	92

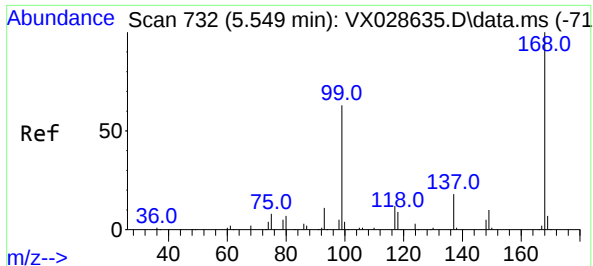
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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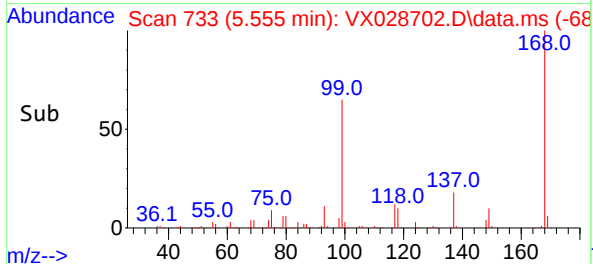
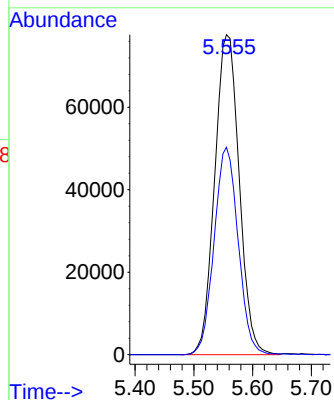
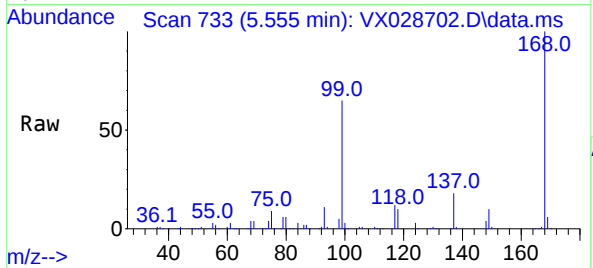




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.555 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX028702.D
Acq: 14 May 2022 01:25

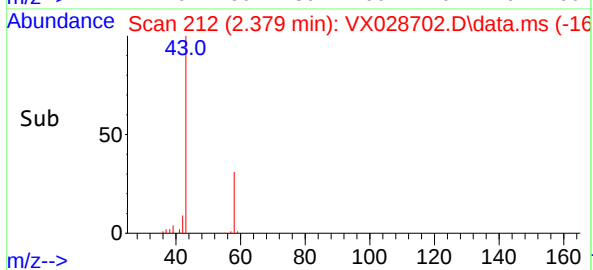
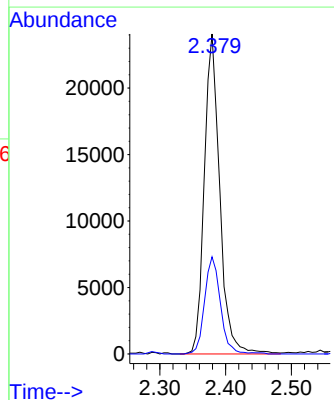
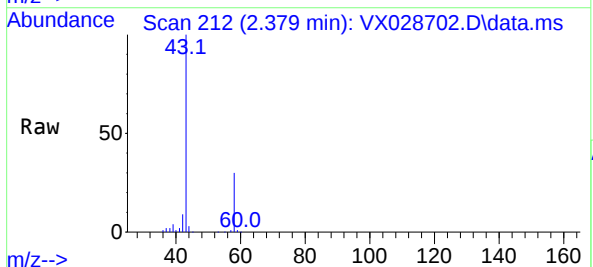
Instrument :
MSVOA_X
ClientSampleId :
PB144781ZHE#03

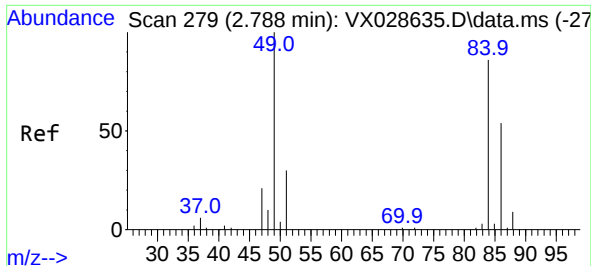
Tgt Ion:168 Resp: 225057
Ion Ratio Lower Upper
168 100
99 64.9 41.7 62.5#



#16
Acetone
Concen: 29.720 ug/l
RT: 2.379 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX028702.D
Acq: 14 May 2022 01:25

Tgt Ion: 43 Resp: 39349
Ion Ratio Lower Upper
43 100
58 30.3 28.8 43.2

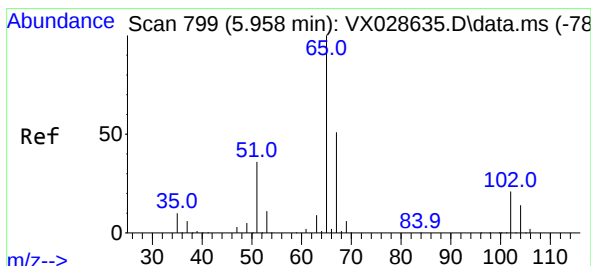
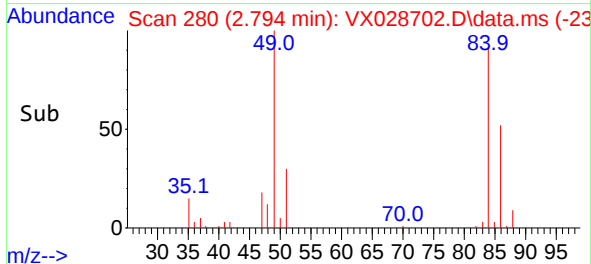
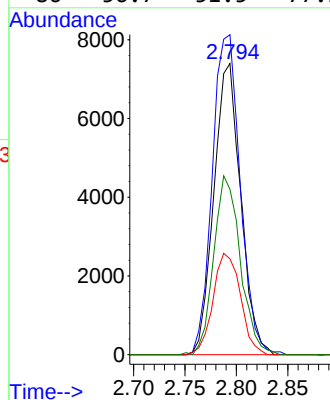
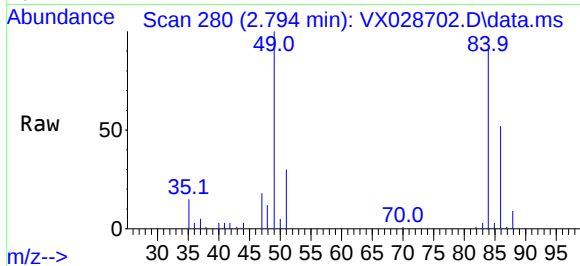




#20
Methylene Chloride
Concen: 4.845 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX028702.D
Acq: 14 May 2022 01:25

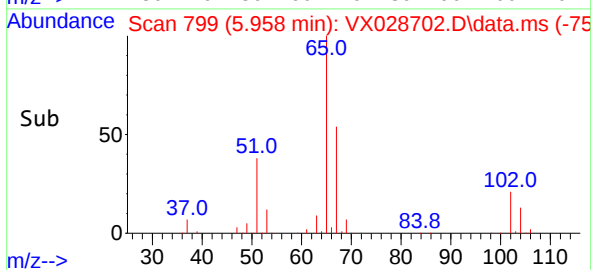
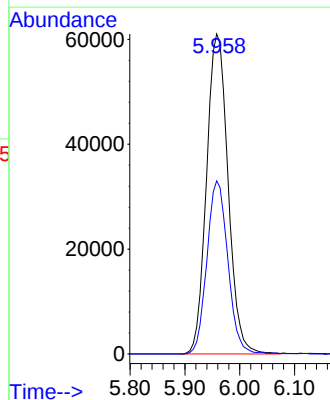
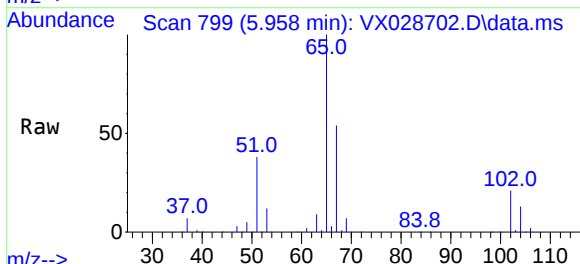
Instrument :
MSVOA_X
ClientSampleId :
PB144781ZHE#03

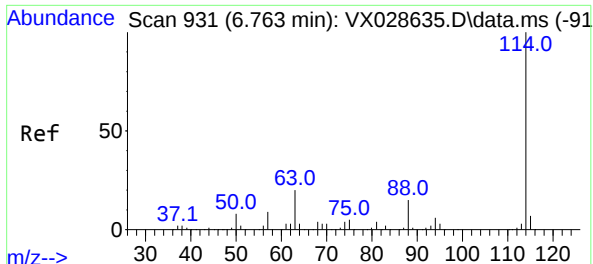
Tgt Ion:	84	Resp:	13458
Ion	Ratio	Lower	Upper
84	100		
49	109.9	85.5	128.3
51	32.9	26.6	39.8
86	56.7	51.5	77.3



#33
1,2-Dichloroethane-d4
Concen: 53.901 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX028702.D
Acq: 14 May 2022 01:25

Tgt Ion:	65	Resp:	166285
Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	107.4

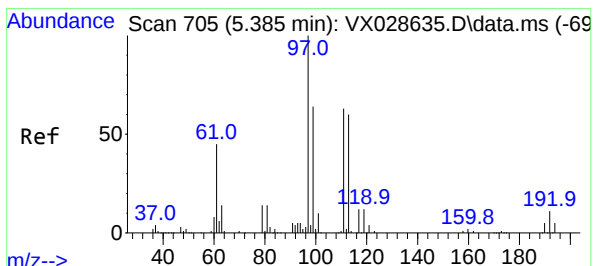
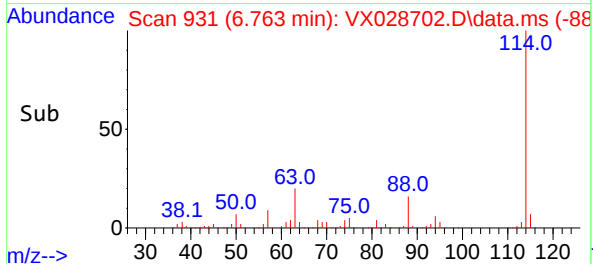
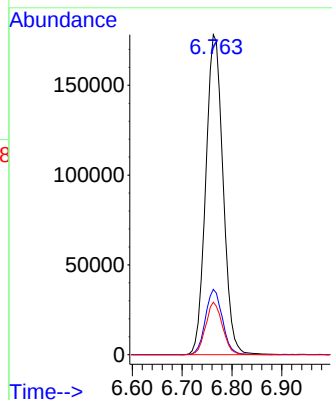
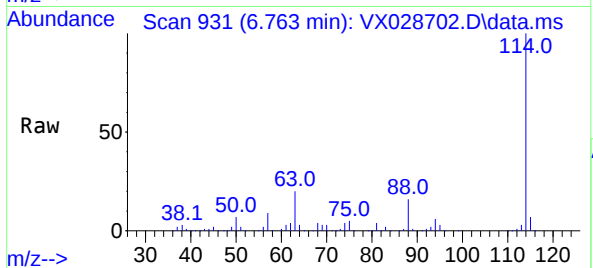




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX028702.D
Acq: 14 May 2022 01:25

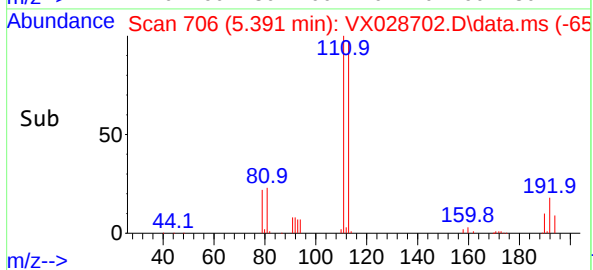
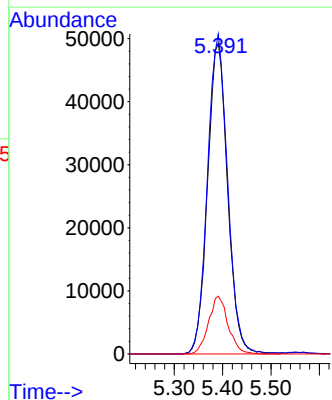
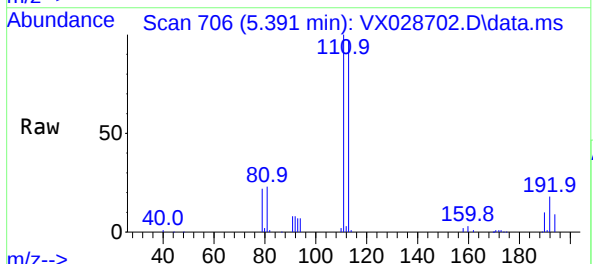
Instrument :
MSVOA_X
ClientSampleId :
PB144781ZHE#03

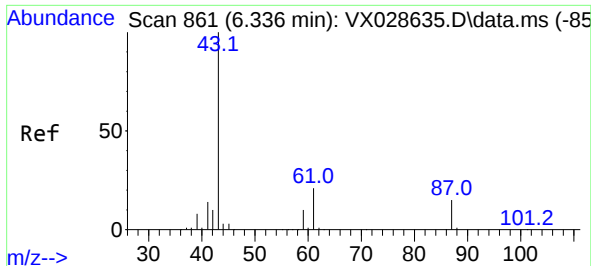
Tgt Ion:114 Resp: 428927
Ion Ratio Lower Upper
114 100
63 20.4 0.0 36.8
88 16.4 0.0 32.4



#35
Dibromofluoromethane
Concen: 50.435 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX028702.D
Acq: 14 May 2022 01:25

Tgt Ion:113 Resp: 141736
Ion Ratio Lower Upper
113 100
111 103.6 82.8 124.2
192 18.1 16.9 25.3

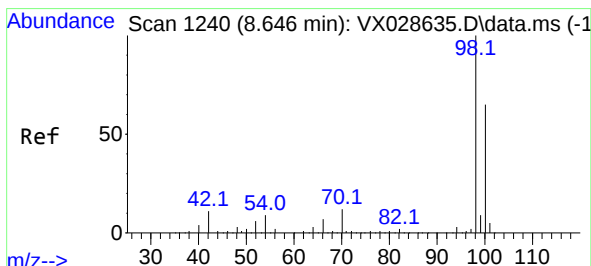
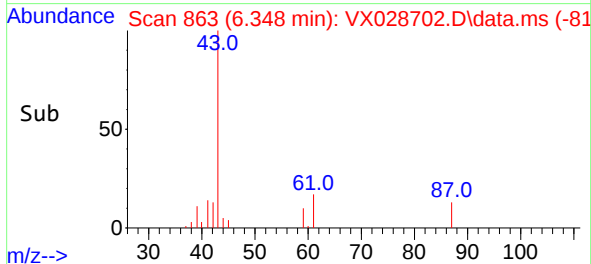
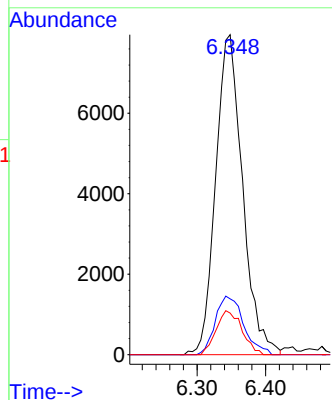
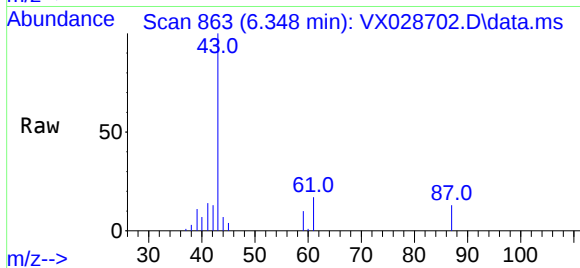




#43
Isopropyl Acetate
Concen: 3.138 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.012 min
Lab File: VX028702.D
Acq: 14 May 2022 01:25

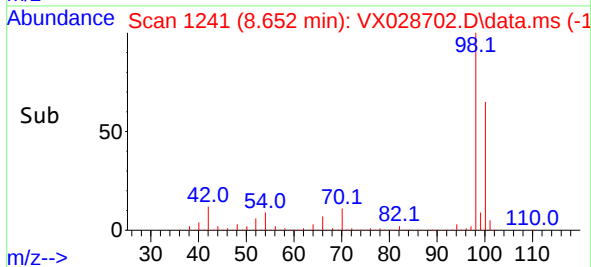
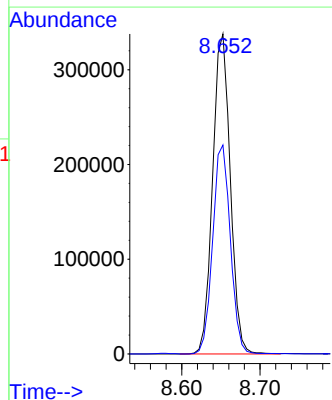
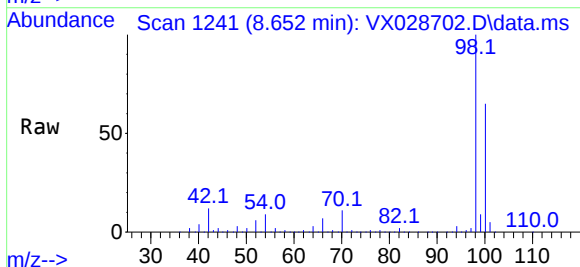
Instrument :
MSVOA_X
ClientSampleId :
PB144781ZHE#03

Tgt Ion: 43 Resp: 21642
Ion Ratio Lower Upper
43 100
61 19.2 18.5 27.7
87 13.2 13.0 19.6



#50
Toluene-d8
Concen: 49.916 ug/l
RT: 8.652 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX028702.D
Acq: 14 May 2022 01:25

Tgt Ion: 98 Resp: 528874
Ion Ratio Lower Upper
98 100
100 65.5 52.6 78.8

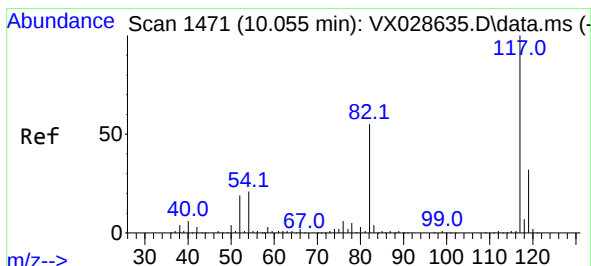
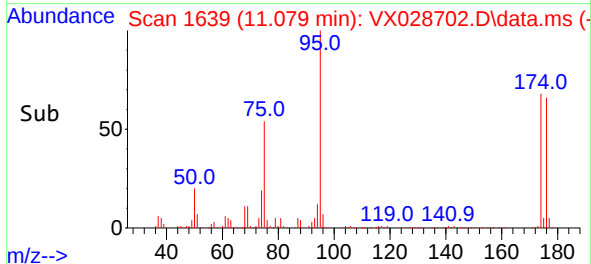
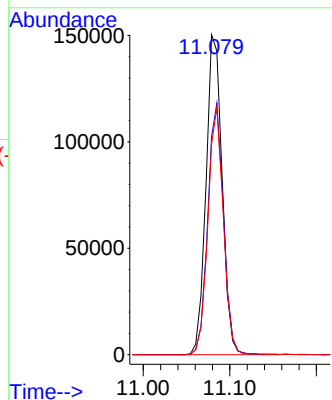
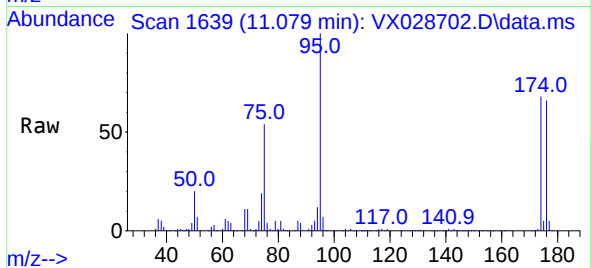




#62
4-Bromofluorobenzene
Concen: 49.037 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX028702.D
Acq: 14 May 2022 01:25

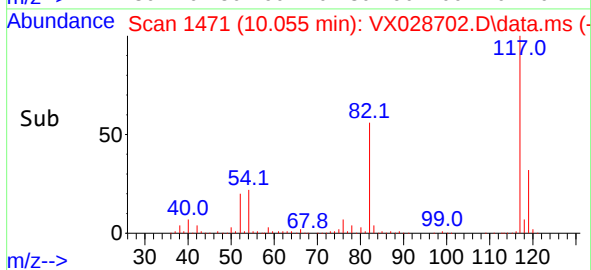
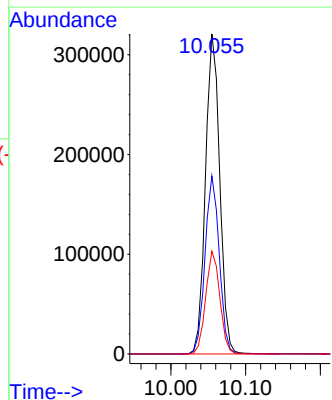
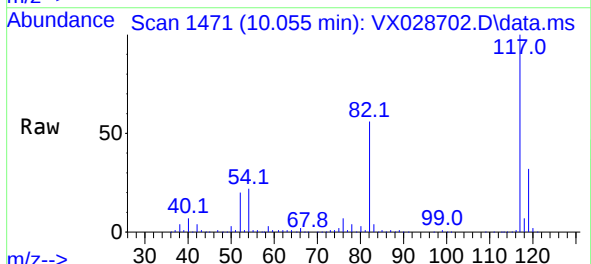
Instrument :
MSVOA_X
ClientSampleId :
PB144781ZHE#03

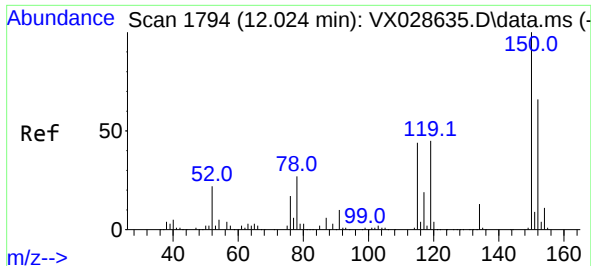
Tgt Ion: 95 Resp: 194058
Ion Ratio Lower Upper
95 100
174 76.9 0.0 163.0
176 74.0 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028702.D
Acq: 14 May 2022 01:25

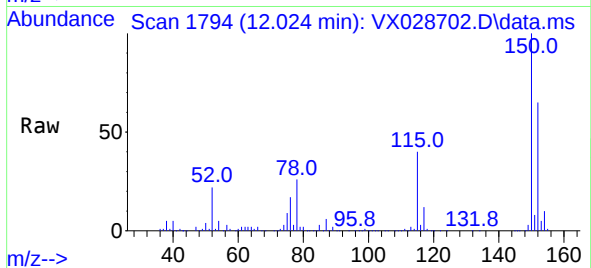
Tgt Ion: 117 Resp: 425381
Ion Ratio Lower Upper
117 100
82 55.6 41.8 62.8
119 32.1 24.8 37.2





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX028702.D
Acq: 14 May 2022 01:25

Instrument :
MSVOA_X
ClientSampleId :
PB144781ZHE#03



Tgt Ion:152 Resp: 187006
Ion Ratio Lower Upper
152 100
115 61.8 37.5 112.7
150 157.1 0.0 338.2

