

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051822\
 Data File : VX028804.D
 Acq On : 18 May 2022 14:32
 Operator : JC/MD
 Sample : N2884-10DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 31803DL

Quant Time: May 19 01:34:16 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)

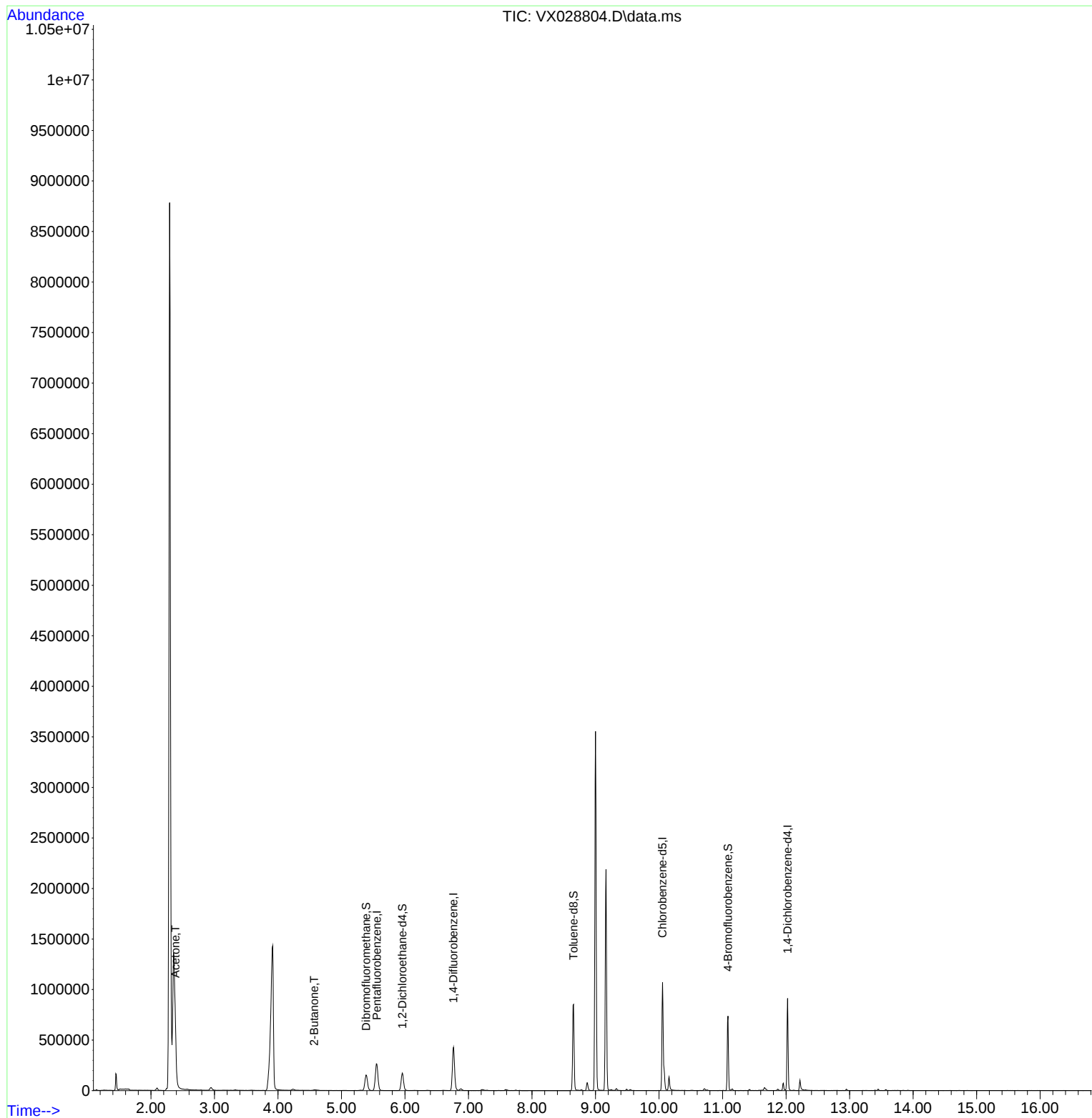
Internal Standards						
1) Pentafluorobenzene	5.556	168	251897	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	437230	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	465707	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	180579	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	166552	48.235	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.480%		
35) Dibromofluoromethane	5.385	113	134278	46.874	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	93.740%		
50) Toluene-d8	8.653	98	511614	47.370	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	94.740%		
62) 4-Bromofluorobenzene	11.085	95	190711	47.276	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	94.560%		
Target Compounds						
16) Acetone	2.386	43	324090	218.697	ug/l #	1
25) 2-Butanone	4.568	43	7834	3.368	ug/l	92

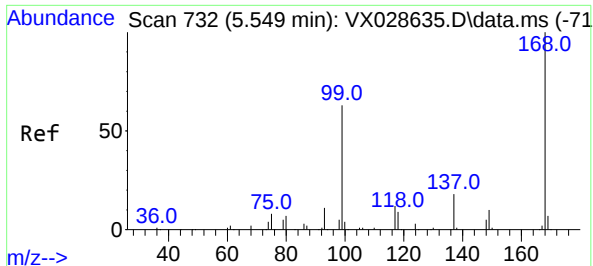
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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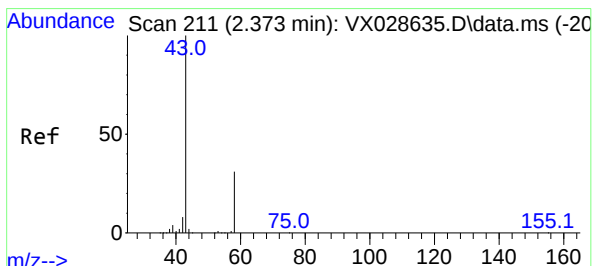
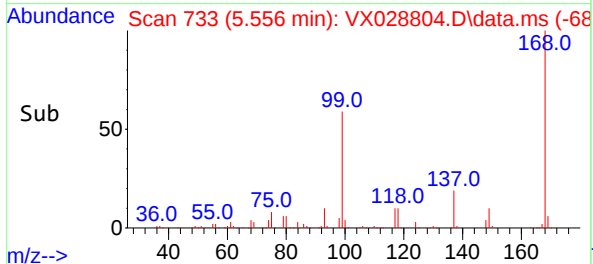
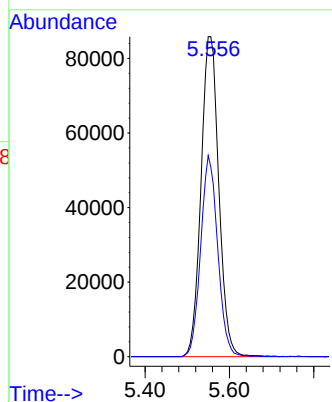
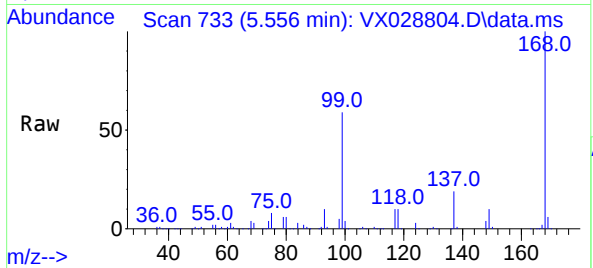




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028804.D
Acq: 18 May 2022 14:32

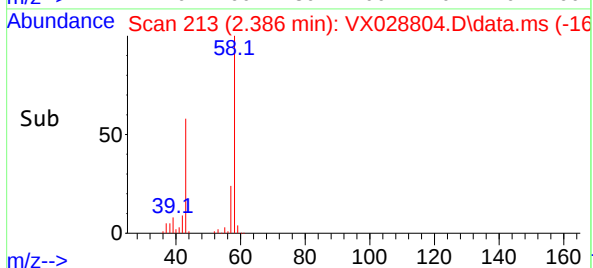
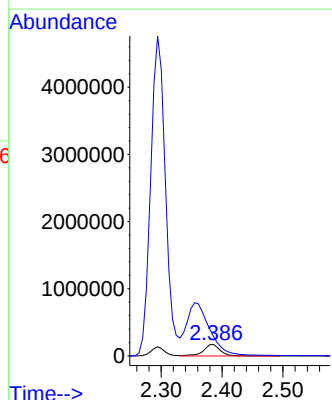
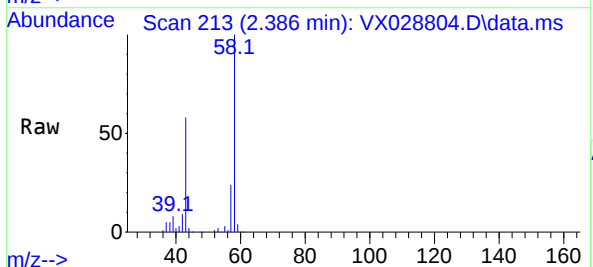
Instrument :
MSVOA_X
ClientSampleId :
31803DL

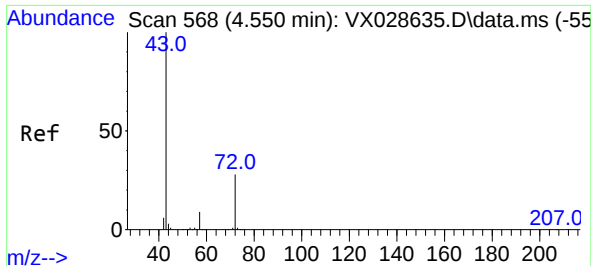
Tgt Ion:168 Resp: 251897
Ion Ratio Lower Upper
168 100
99 59.4 41.7 62.5



#16
Acetone
Concen: 218.697 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.013 min
Lab File: VX028804.D
Acq: 18 May 2022 14:32

Tgt Ion: 43 Resp: 324090
Ion Ratio Lower Upper
43 100
58 168.5 28.8 43.2#

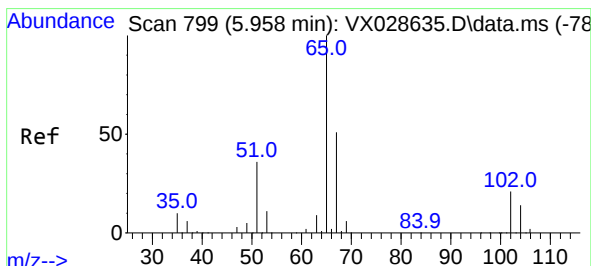
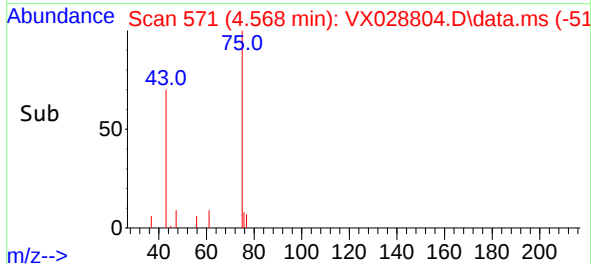
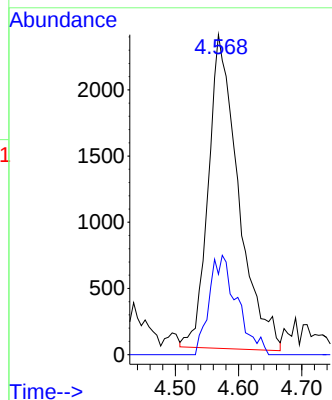
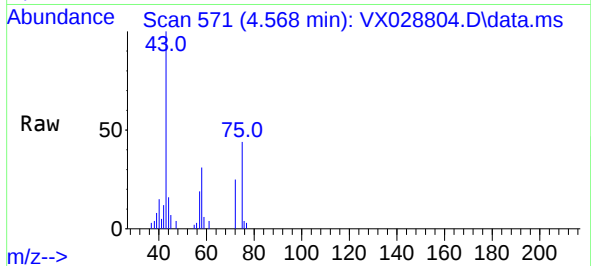




#25
2-Butanone
Concen: 3.368 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX028804.D
Acq: 18 May 2022 14:32

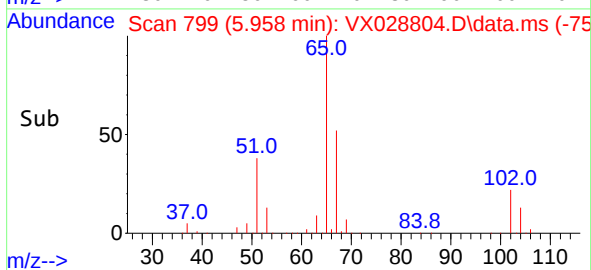
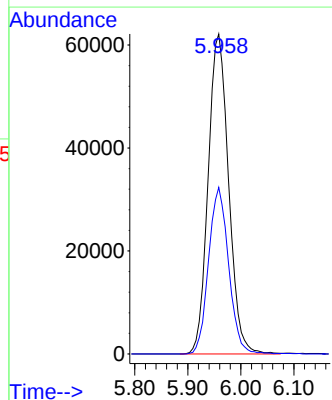
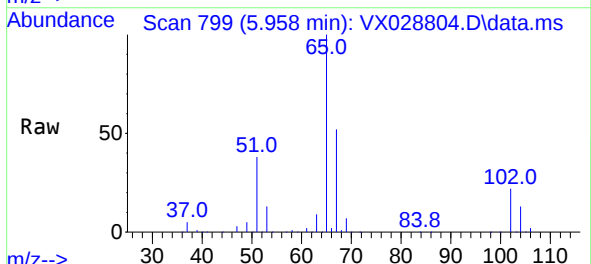
Instrument :
MSVOA_X
ClientSampleId :
31803DL

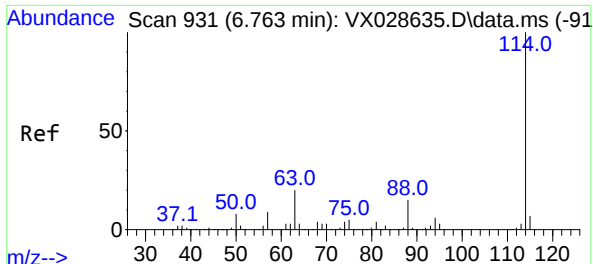
Tgt Ion: 43 Resp: 7834
Ion Ratio Lower Upper
43 100
72 26.1 24.4 36.6



#33
1,2-Dichloroethane-d4
Concen: 48.235 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028804.D
Acq: 18 May 2022 14:32

Tgt Ion: 65 Resp: 166552
Ion Ratio Lower Upper
65 100
67 51.0 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: VX028804.D

Acq: 18 May 2022 14:32

Instrument :

MSVOA_X

ClientSampleId :

31803DL

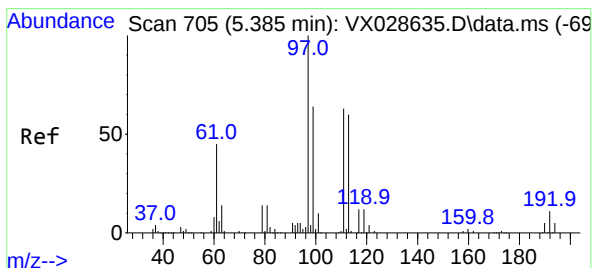
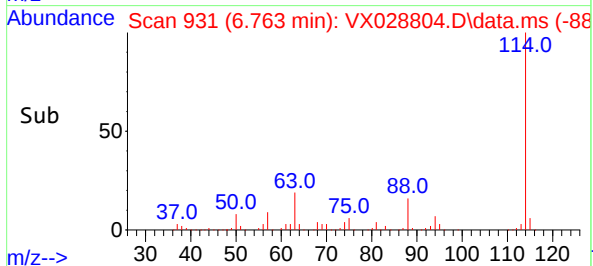
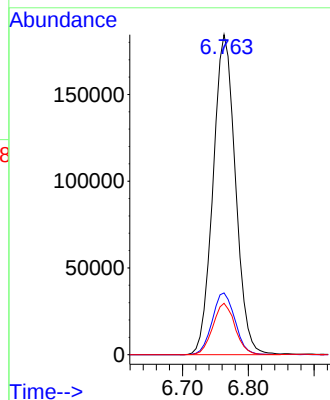
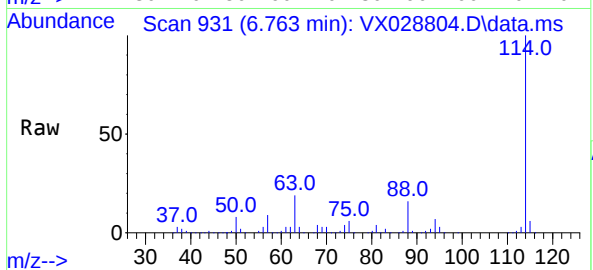
Tgt Ion:114 Resp: 437230

Ion Ratio Lower Upper

114 100

63 19.3 0.0 36.8

88 16.1 0.0 32.4



#35

Dibromofluoromethane

Concen: 46.874 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX028804.D

Acq: 18 May 2022 14:32

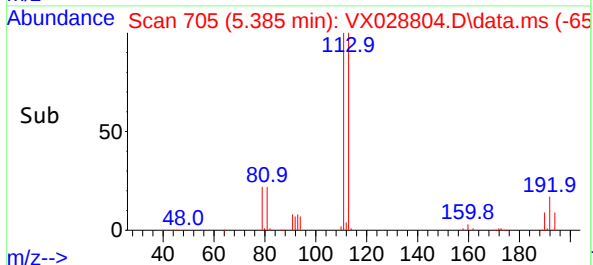
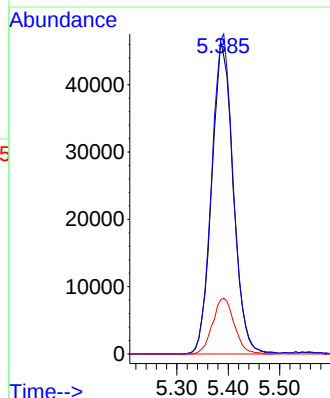
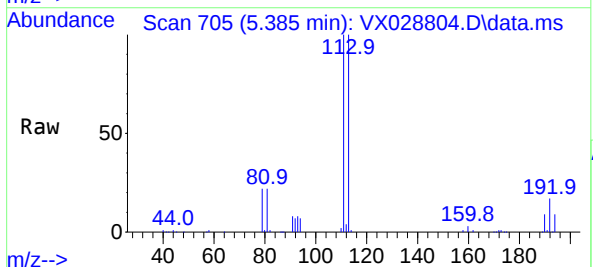
Tgt Ion:113 Resp: 134278

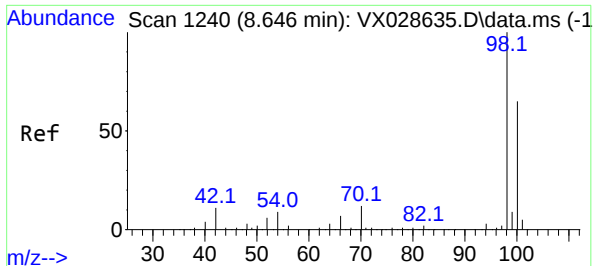
Ion Ratio Lower Upper

113 100

111 103.2 82.8 124.2

192 18.0 16.9 25.3

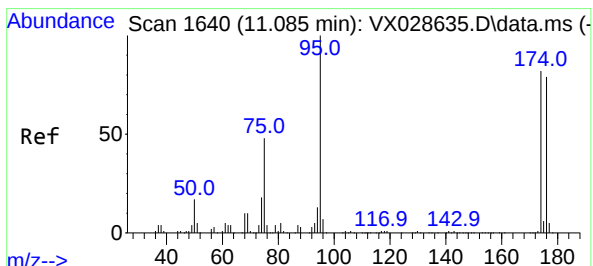
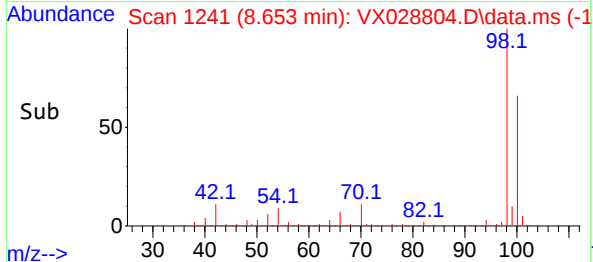
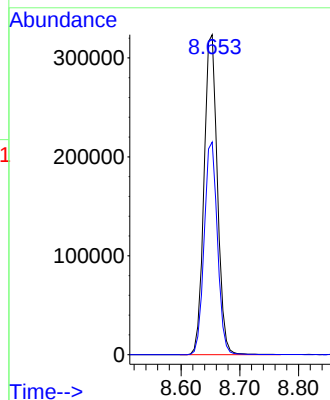
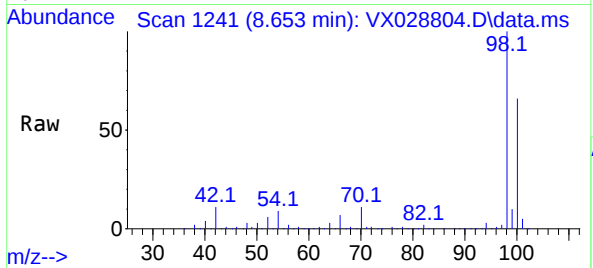




#50
Toluene-d8
Concen: 47.370 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.007 min
Lab File: VX028804.D
Acq: 18 May 2022 14:32

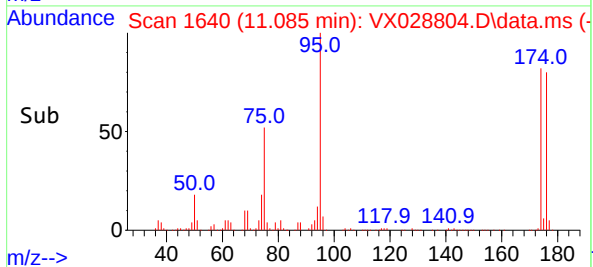
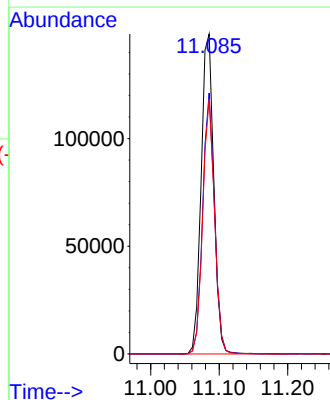
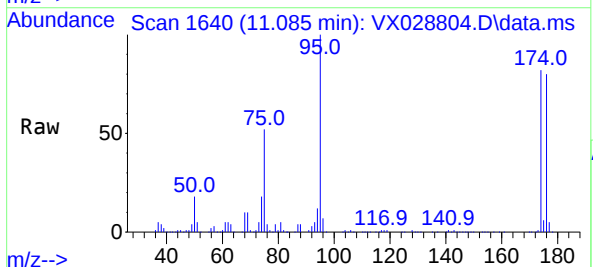
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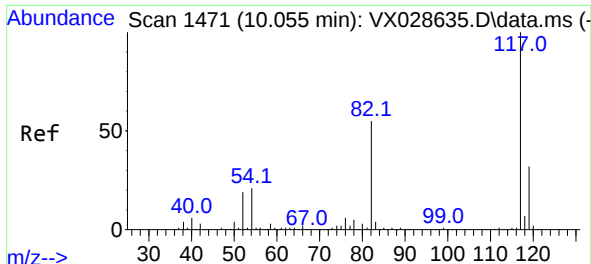
Tgt Ion: 98 Resp: 511614
Ion Ratio Lower Upper
98 100
100 65.9 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 47.276 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX028804.D
Acq: 18 May 2022 14:32

Tgt Ion: 95 Resp: 190711
Ion Ratio Lower Upper
95 100
174 76.5 0.0 163.0
176 74.7 0.0 155.0

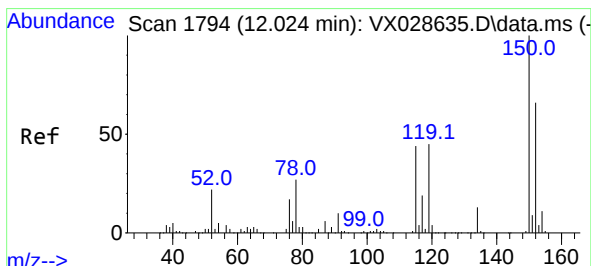
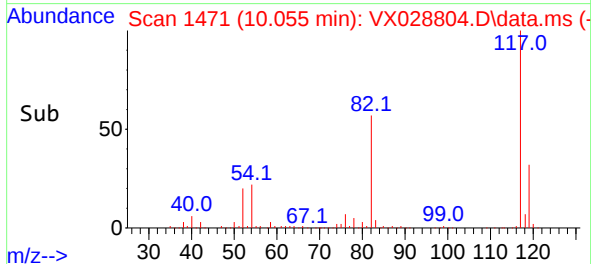
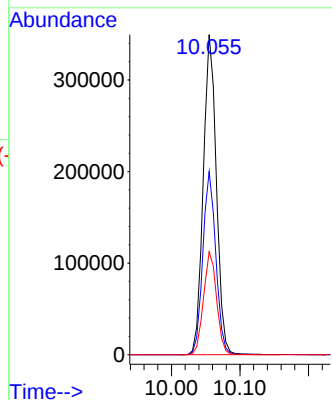
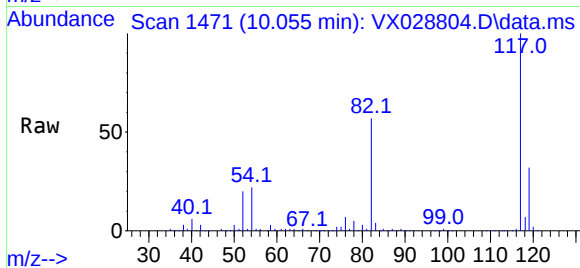




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028804.D
Acq: 18 May 2022 14:32

Instrument :
MSVOA_X
ClientSampleId :
31803DL

Tgt Ion:117 Resp: 465707
Ion Ratio Lower Upper
117 100
82 57.2 41.8 62.8
119 32.2 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028804.D
Acq: 18 May 2022 14:32

Tgt Ion:152 Resp: 180579
Ion Ratio Lower Upper
152 100
115 60.8 37.5 112.7
150 156.3 0.0 338.2

