

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX073021\
 Data File : VX023513.D
 Acq On : 29 Jul 2021 15:11
 Operator : JC/MD
 Sample : PB138025ZHE#03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB138025ZHE#03

Quant Time: Jul 30 03:42:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:05:38 2021
 Response via : Initial Calibration

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

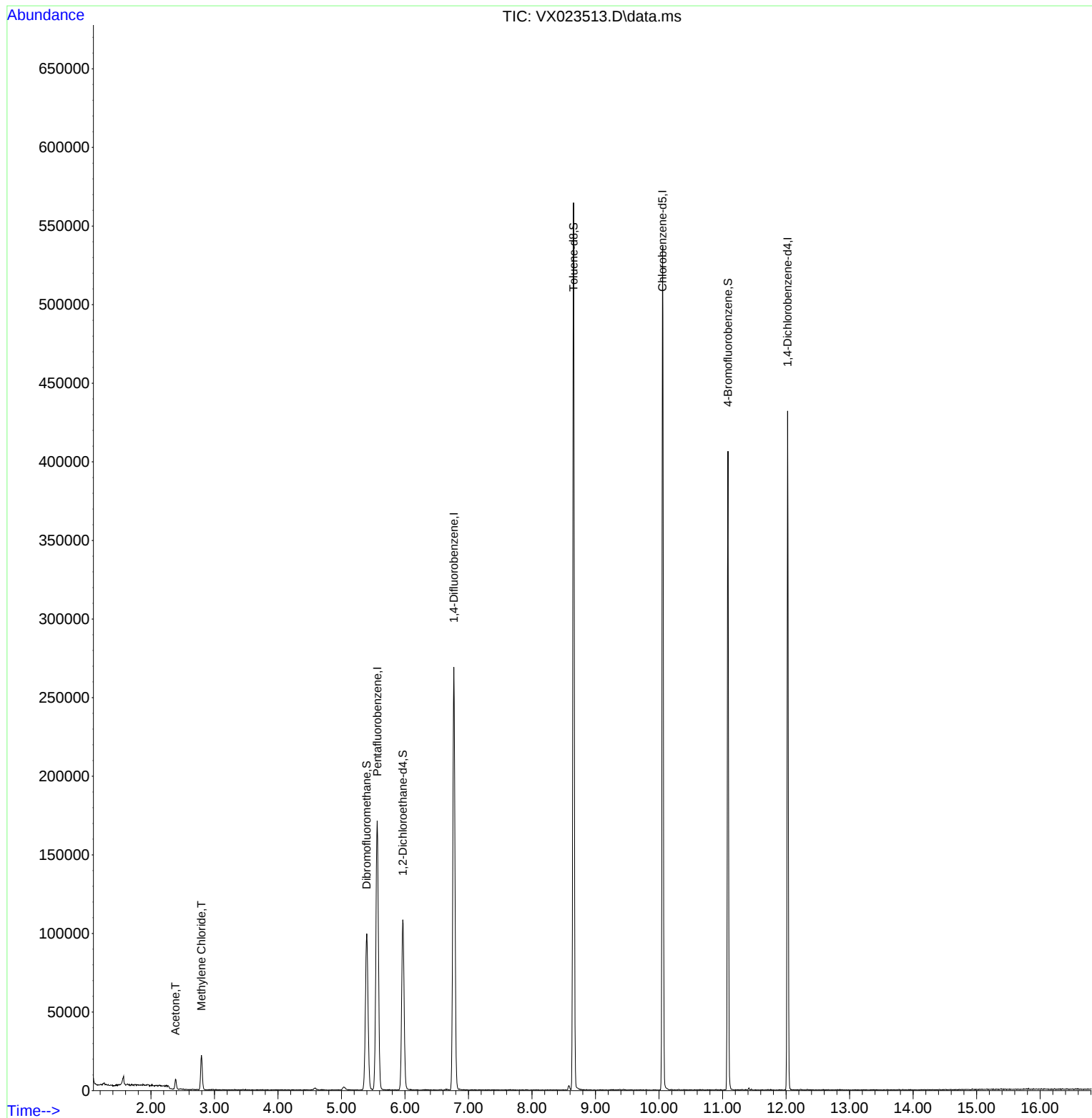
Internal Standards						
1) Pentafluorobenzene	5.562	168	161504	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	270801	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	242104	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	85700	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	104074	51.659	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 103.320%		
35) Dibromofluoromethane	5.397	113	86593	51.143	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 102.280%		
50) Toluene-d8	8.653	98	326939	52.556	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 105.120%		
62) 4-Bromofluorobenzene	11.085	95	100088	47.316	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 94.640%		
Target Compounds						
						Qvalue
16) Acetone	2.385	43	7128	7.213	ug/l #	87
20) Methylene Chloride	2.794	84	9803	5.100	ug/l	97

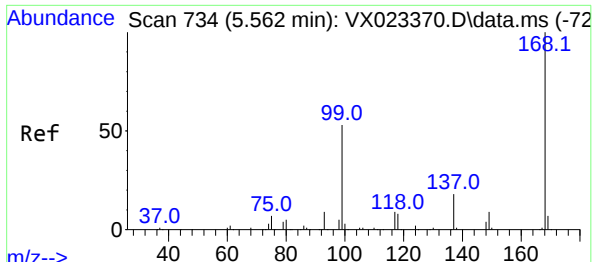
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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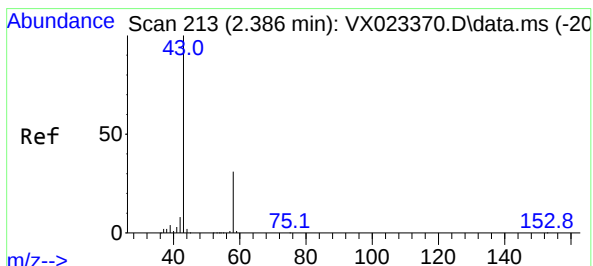
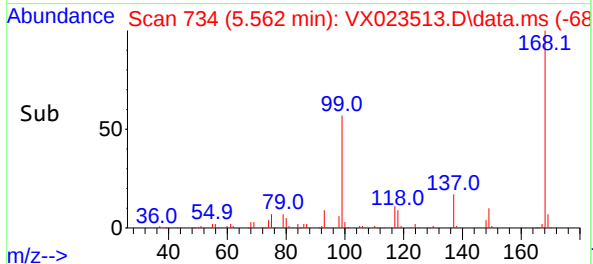
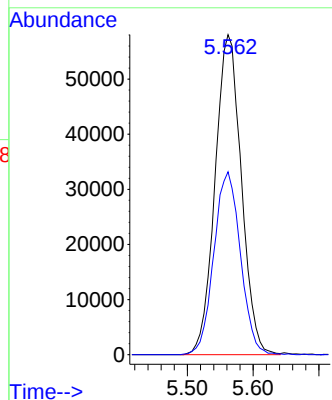
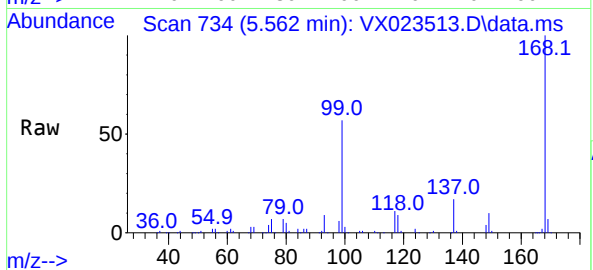




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023513.D
Acq: 29 Jul 2021 15:11

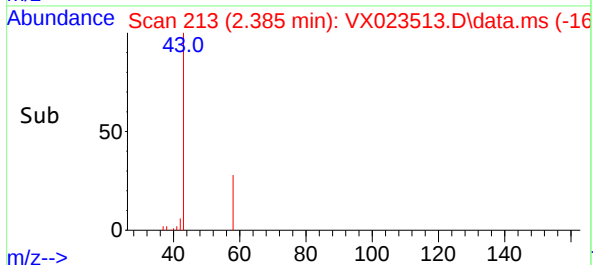
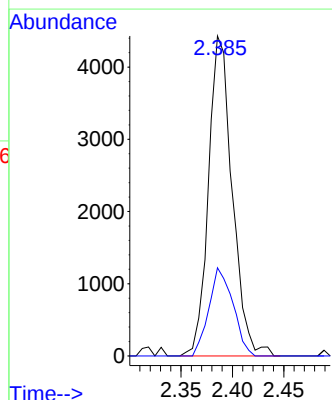
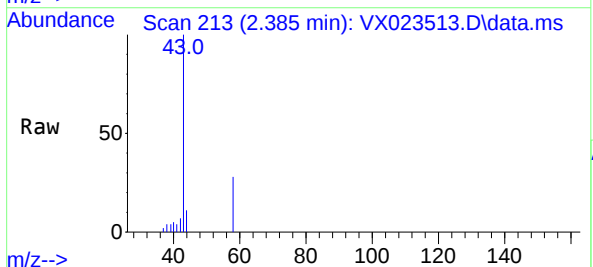
Instrument :
MSVOA_X
ClientSampleId :
PB138025ZHE#03

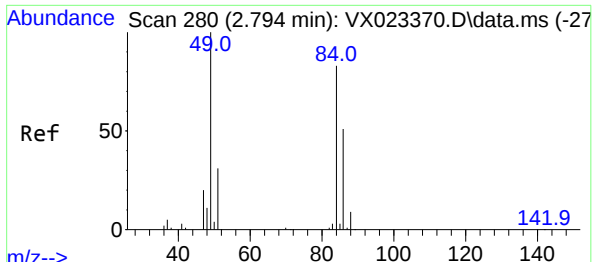
Tgt Ion:168 Resp: 161504
Ion Ratio Lower Upper
168 100
99 57.1 45.8 68.6



#16
Acetone
Concen: 7.213 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.001 min
Lab File: VX023513.D
Acq: 29 Jul 2021 15:11

Tgt Ion: 43 Resp: 7128
Ion Ratio Lower Upper
43 100
58 27.6 27.8 41.8#



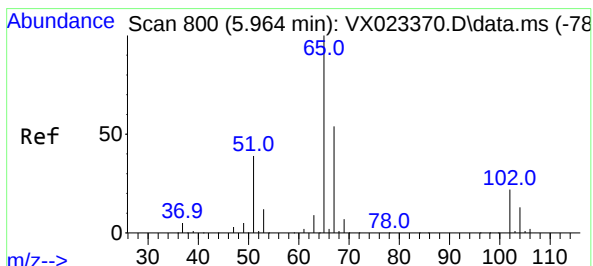
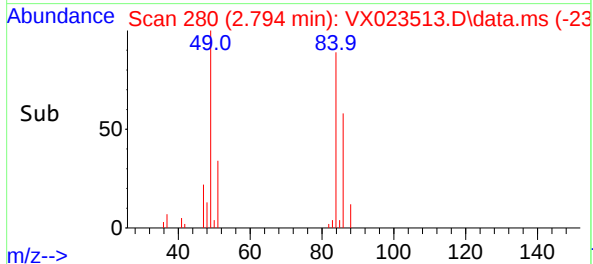
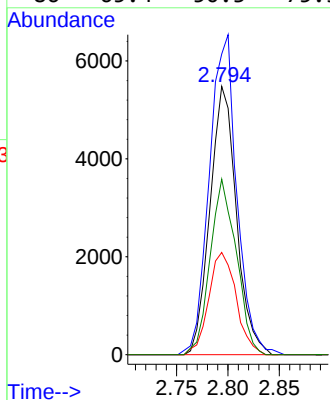
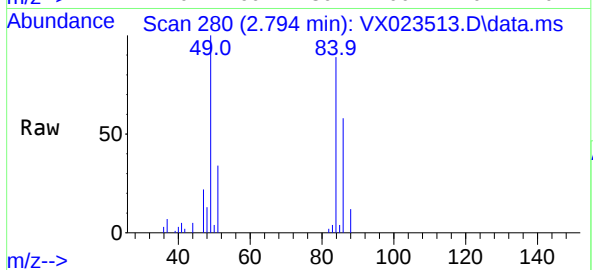


#20
Methylene Chloride
Concen: 5.100 ug/l
RT: 2.794 min Scan# 280
Delta R.T. -0.000 min
Lab File: VX023513.D
Acq: 29 Jul 2021 15:11

Instrument :
MSVOA_X
ClientSampleId :
PB138025ZHE#03

Tgt Ion: 84 Resp: 9803

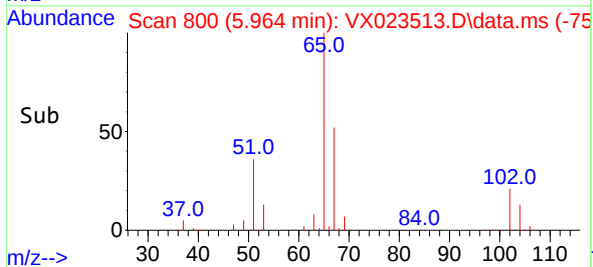
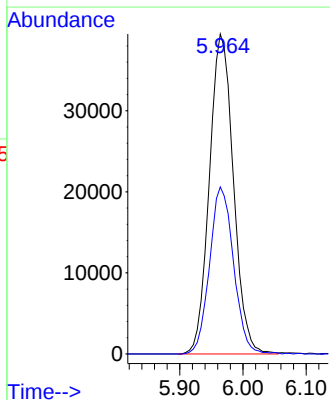
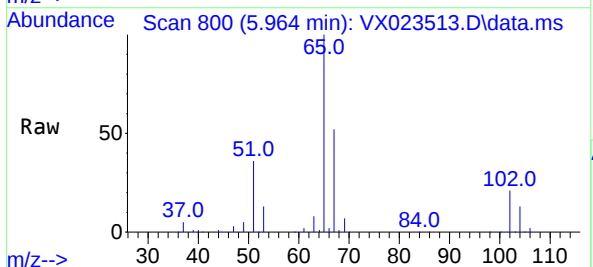
Ion	Ratio	Lower	Upper
84	100		
49	112.1	88.6	132.8
51	38.1	27.0	40.6
86	65.4	50.3	75.5

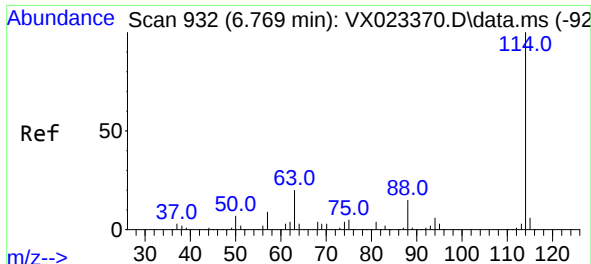


#33
1,2-Dichloroethane-d4
Concen: 51.659 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023513.D
Acq: 29 Jul 2021 15:11

Tgt Ion: 65 Resp: 104074

Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	105.4

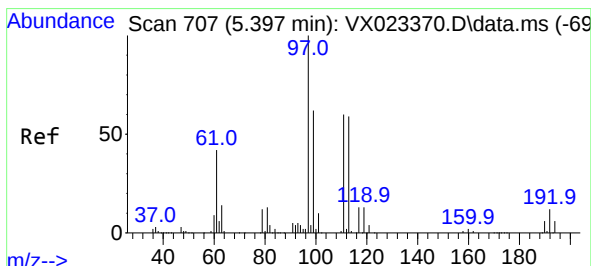
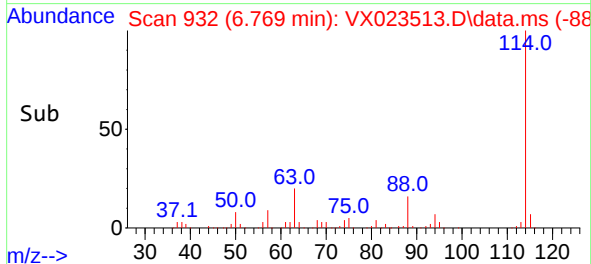
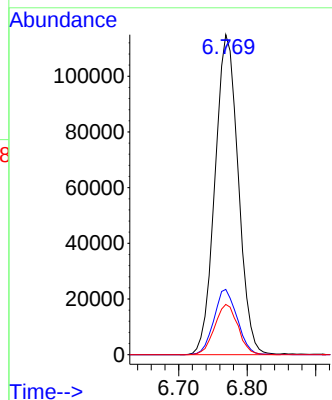
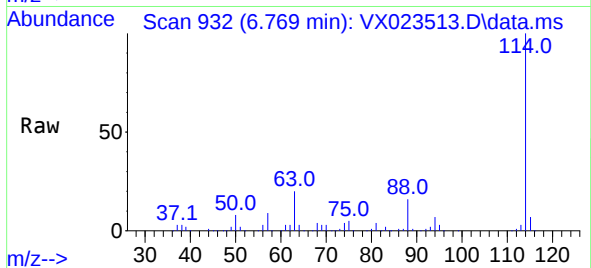




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX023513.D
Acq: 29 Jul 2021 15:11

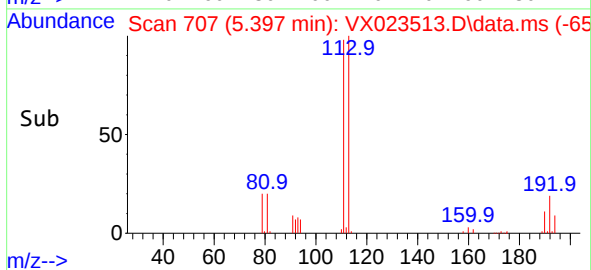
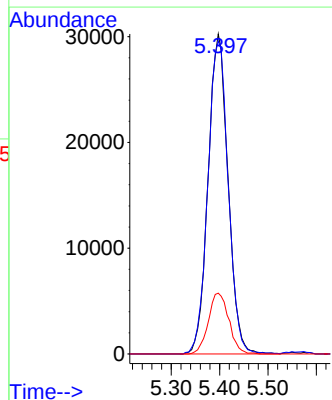
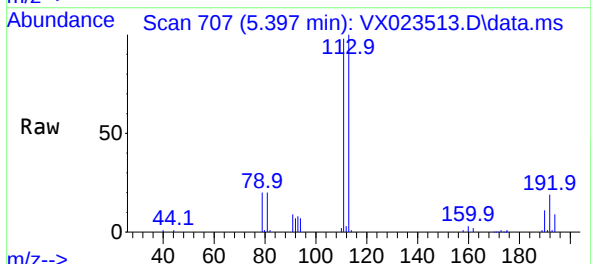
Instrument :
MSVOA_X
ClientSampleId :
PB138025ZHE#03

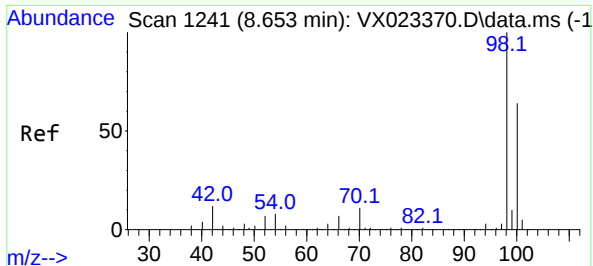
Tgt Ion:114 Resp: 270801
Ion Ratio Lower Upper
114 100
63 20.4 0.0 40.8
88 15.7 0.0 32.8



#35
Dibromofluoromethane
Concen: 51.143 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023513.D
Acq: 29 Jul 2021 15:11

Tgt Ion:113 Resp: 86593
Ion Ratio Lower Upper
113 100
111 100.0 81.9 122.9
192 19.5 16.7 25.1





#50

Toluene-d8

Concen: 52.556 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX023513.D

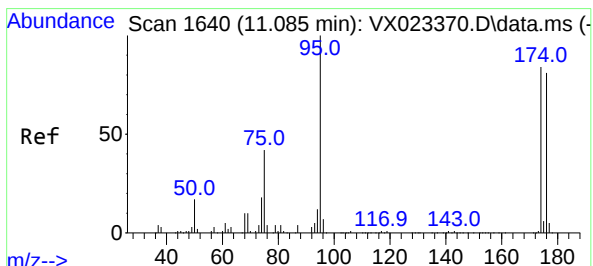
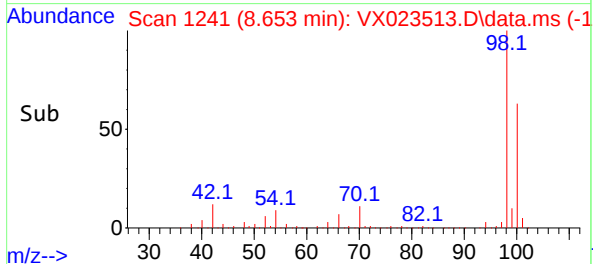
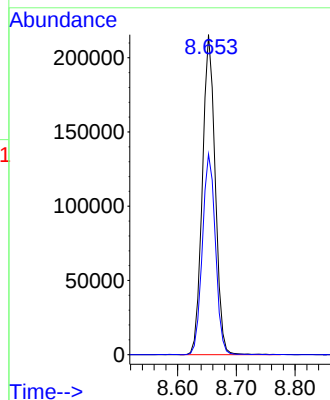
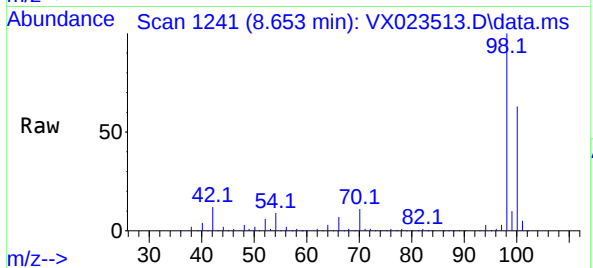
Acq: 29 Jul 2021 15:11

Tgt Ion: 98 Resp: 326939

Ion Ratio Lower Upper

98 100

100 63.9 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 47.316 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX023513.D

Acq: 29 Jul 2021 15:11

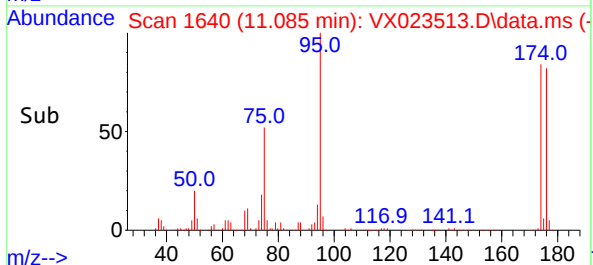
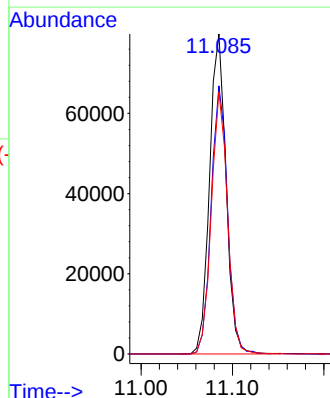
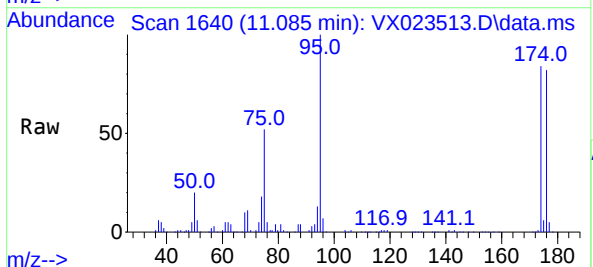
Tgt Ion: 95 Resp: 100088

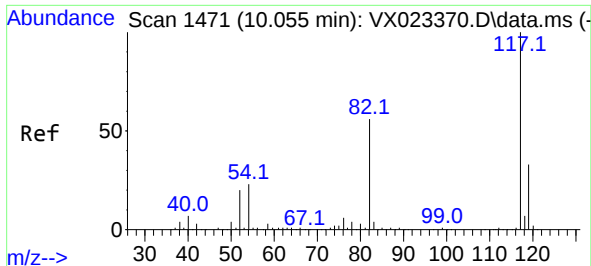
Ion Ratio Lower Upper

95 100

174 83.6 0.0 154.6

176 80.4 0.0 155.8

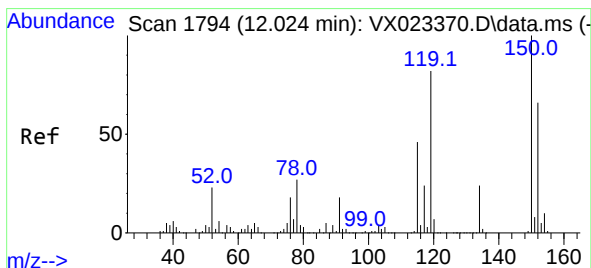
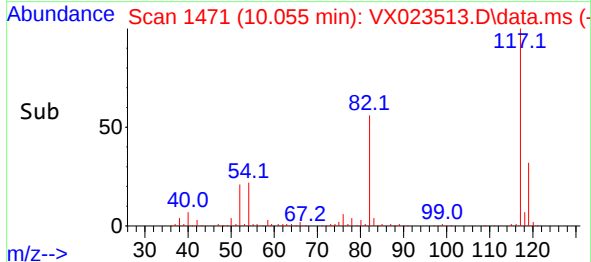
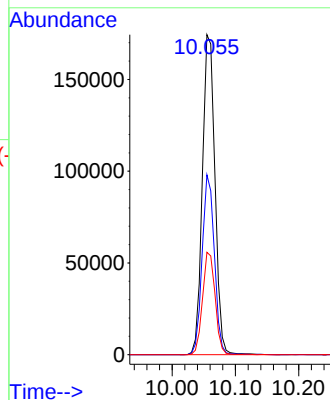
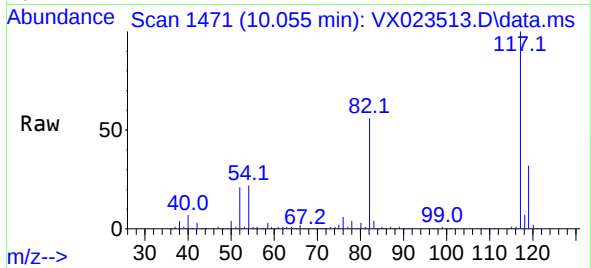




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX023513.D
Acq: 29 Jul 2021 15:11

Instrument :
MSVOA_X
ClientSampleId :
PB138025ZHE#03

Tgt Ion:117 Resp: 242104
Ion Ratio Lower Upper
117 100
82 56.2 47.4 71.2
119 32.0 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX023513.D
Acq: 29 Jul 2021 15:11

Tgt Ion:152 Resp: 85700
Ion Ratio Lower Upper
152 100
115 58.9 41.1 123.3
150 157.2 0.0 349.0

