

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022323\
 Data File : VX034250.D
 Acq On : 23 Feb 2023 15:51
 Operator : JC/MD
 Sample : 01650-01
 Misc : 5.04g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BU-2-022223

Quant Time: Feb 23 21:46:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

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

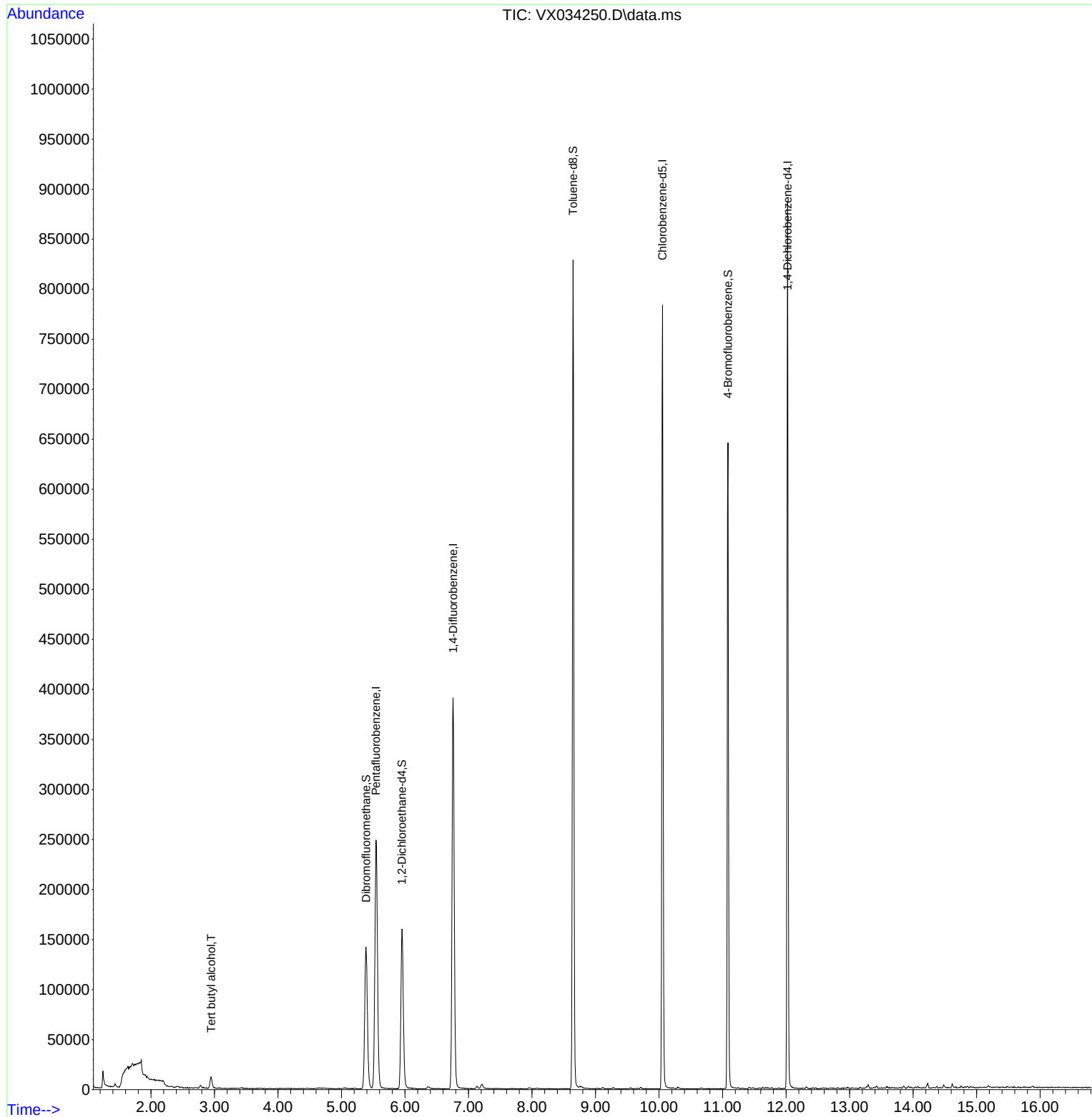
Internal Standards						
1) Pentafluorobenzene	5.544	168	249978	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	412951	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	367923	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	183049	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	143920	42.749	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	85.500%
35) Dibromofluoromethane	5.385	113	124955	46.474	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.940%
50) Toluene-d8	8.647	98	488809	50.636	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.280%
62) 4-Bromofluorobenzene	11.085	95	177649	48.111	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.220%
Target Compounds						
11) Tert butyl alcohol	2.947	59	6545	8.692	ug/l	# 97

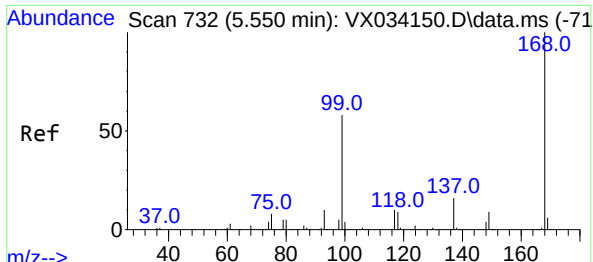
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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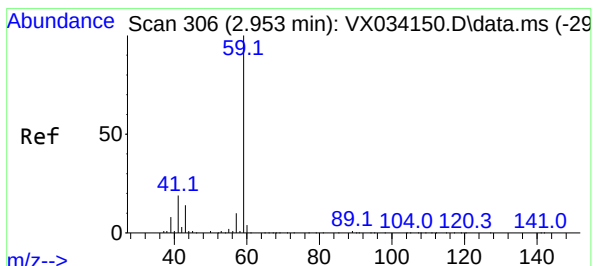
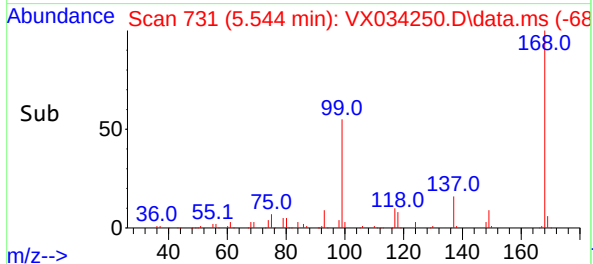
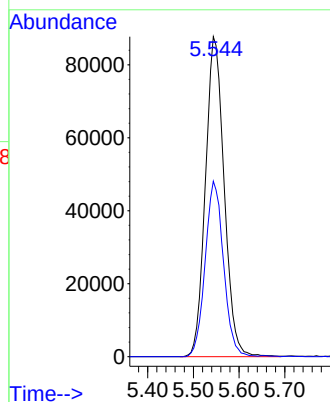
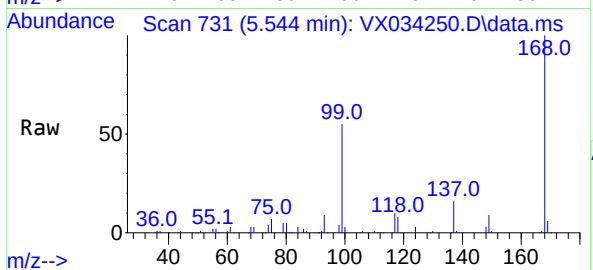




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX034250.D
Acq: 23 Feb 2023 15:51

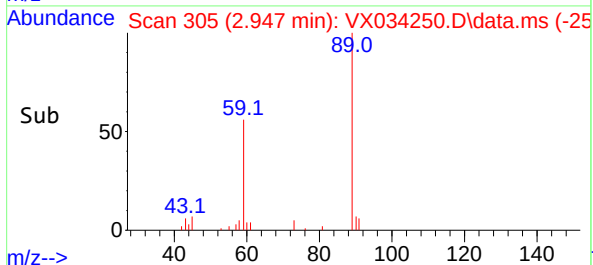
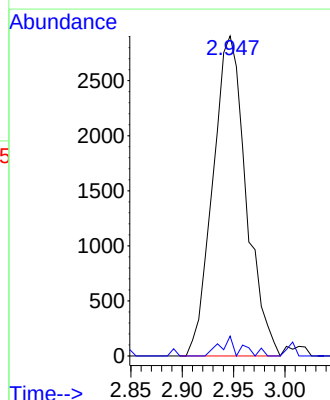
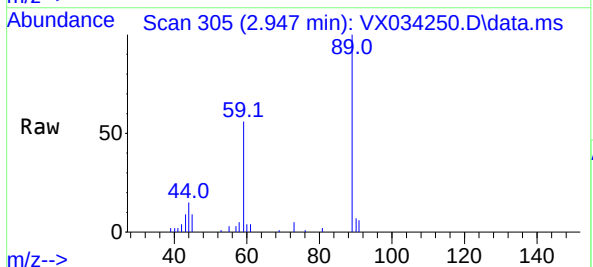
Instrument :
MSVOA_X
ClientSampleId :
BU-2-022223

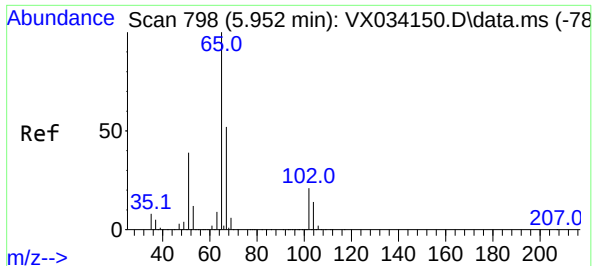
Tgt Ion:168 Resp: 249978
Ion Ratio Lower Upper
168 100
99 54.8 39.6 59.4



#11
Tert butyl alcohol
Concen: 8.692 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.006 min
Lab File: VX034250.D
Acq: 23 Feb 2023 15:51

Tgt Ion: 59 Resp: 6545
Ion Ratio Lower Upper
59 100
57 3.6 3.7 5.5#

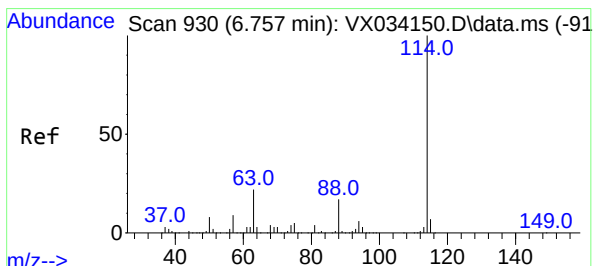
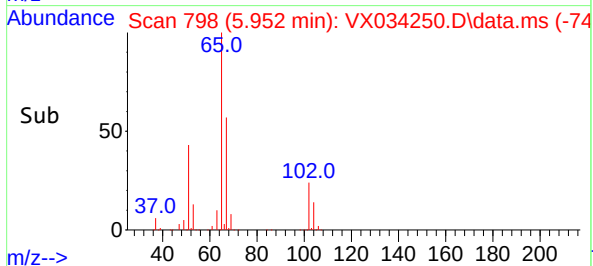
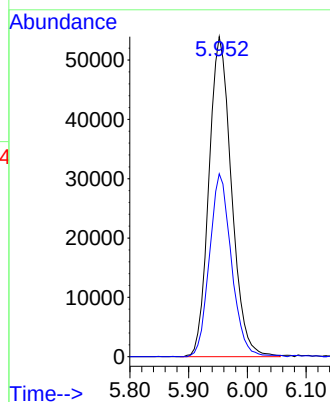
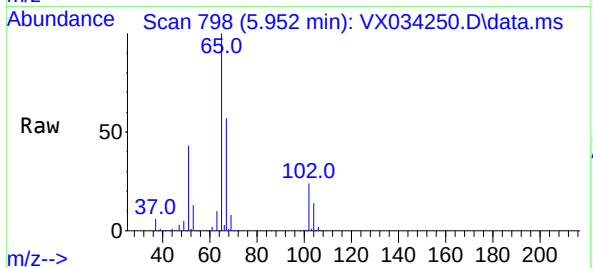




#33
 1,2-Dichloroethane-d4
 Concen: 42.749 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX034250.D
 Acq: 23 Feb 2023 15:51

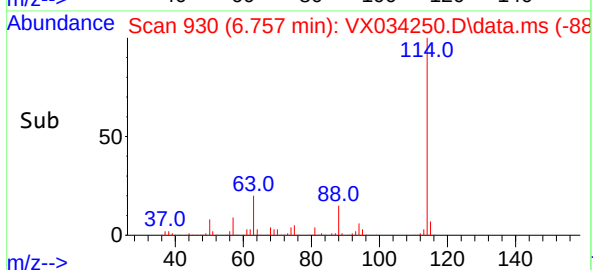
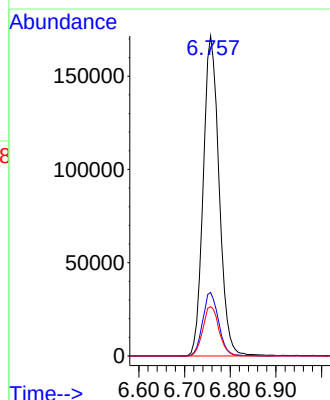
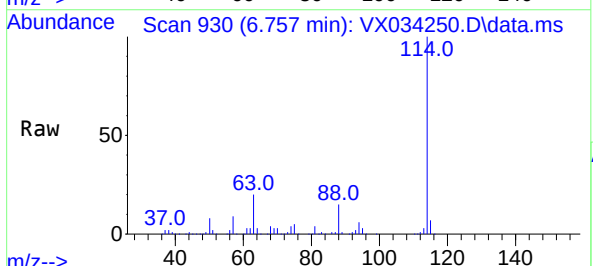
Instrument :
 MSVOA_X
 ClientSampleId :
 BU-2-022223

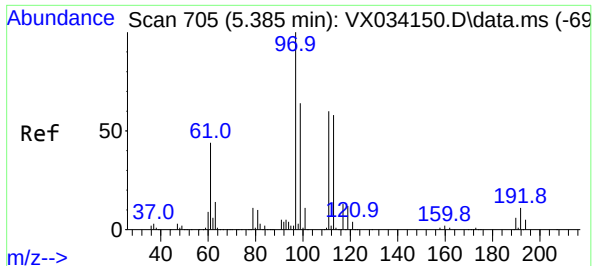
Tgt Ion: 65 Resp: 143920
 Ion Ratio Lower Upper
 65 100
 67 55.6 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. 0.000 min
 Lab File: VX034250.D
 Acq: 23 Feb 2023 15:51

Tgt Ion: 114 Resp: 412951
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 37.4
 88 15.4 0.0 30.6

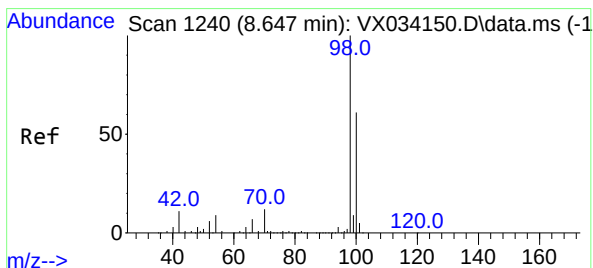
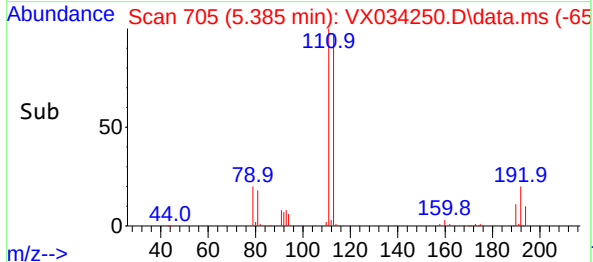
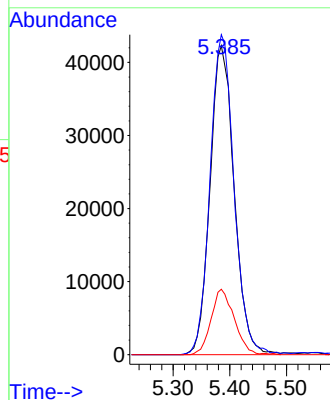
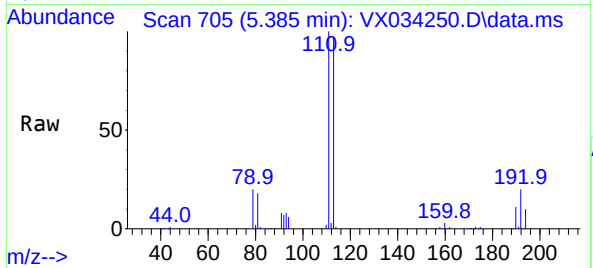




#35
Dibromofluoromethane
Concen: 46.474 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX034250.D
Acq: 23 Feb 2023 15:51

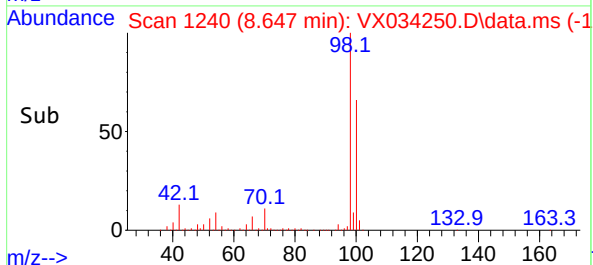
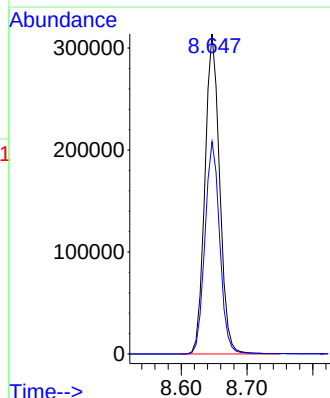
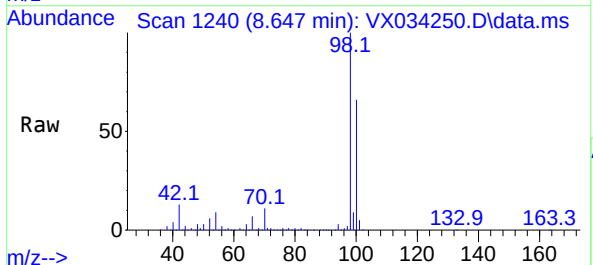
Instrument :
MSVOA_X
ClientSampleId :
BU-2-022223

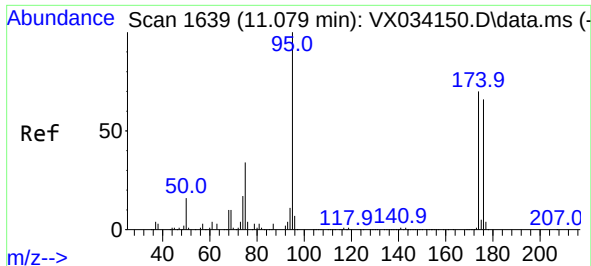
Tgt Ion:113 Resp: 124955
Ion Ratio Lower Upper
113 100
111 103.0 83.0 124.6
192 20.4 19.0 28.4



#50
Toluene-d8
Concen: 50.636 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034250.D
Acq: 23 Feb 2023 15:51

Tgt Ion: 98 Resp: 488809
Ion Ratio Lower Upper
98 100
100 66.6 53.6 80.4

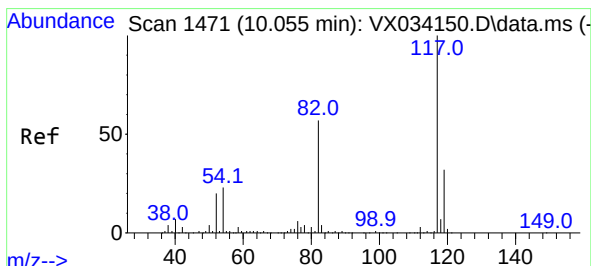
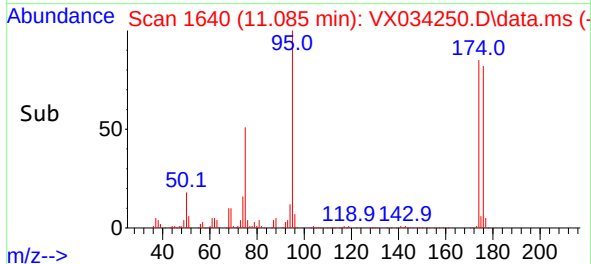
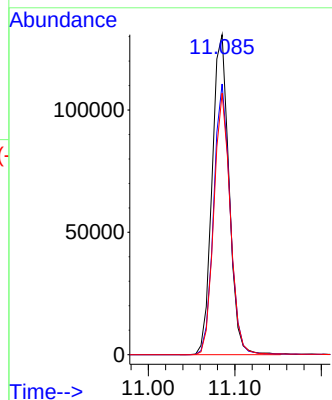
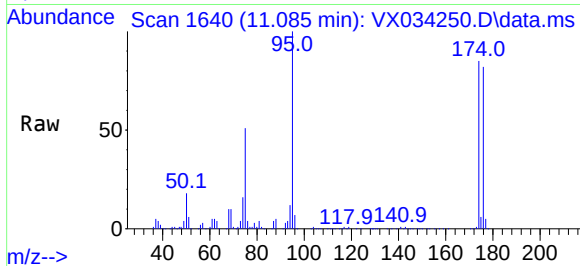




#62
4-Bromofluorobenzene
Concen: 48.111 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX034250.D
Acq: 23 Feb 2023 15:51

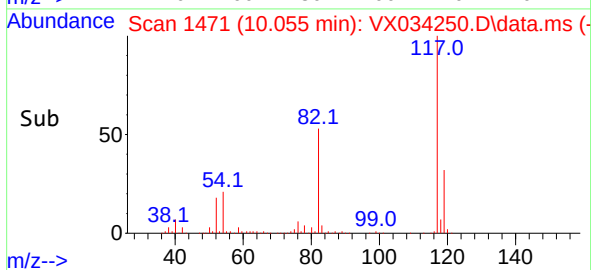
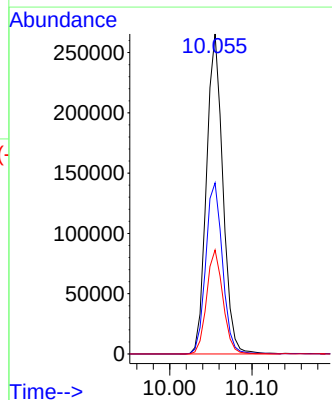
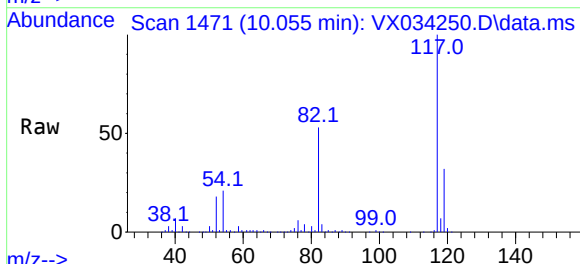
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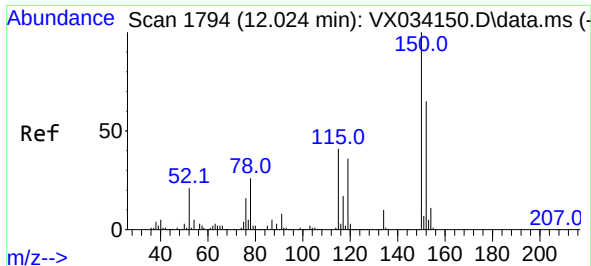
Tgt Ion: 95 Resp: 177649
Ion Ratio Lower Upper
95 100
174 82.1 0.0 184.4
176 79.6 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034250.D
Acq: 23 Feb 2023 15:51

Tgt Ion: 117 Resp: 367923
Ion Ratio Lower Upper
117 100
82 53.4 40.6 60.8
119 32.5 25.6 38.4





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034250.D
Acq: 23 Feb 2023 15:51

Instrument :
MSVOA_X
ClientSampleId :
BU-2-022223

Tgt Ion:152 Resp: 183049
Ion Ratio Lower Upper
152 100
115 57.7 38.7 116.1
150 157.7 0.0 348.2

