

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121224\
 Data File : VX044251.D
 Acq On : 12 Dec 2024 14:46
 Operator : JC/MD
 Sample : P5261-20 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-02-20241210

Quant Time: Dec 13 01:40:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 04:28:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	108978	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	209044	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	186097	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	75007	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	97036	50.784	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.560%
35) Dibromofluoromethane	5.391	113	68209	47.112	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.220%
50) Toluene-d8	8.647	98	258690	52.961	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	105.920%
62) 4-Bromofluorobenzene	11.079	95	86412	50.629	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	101.260%

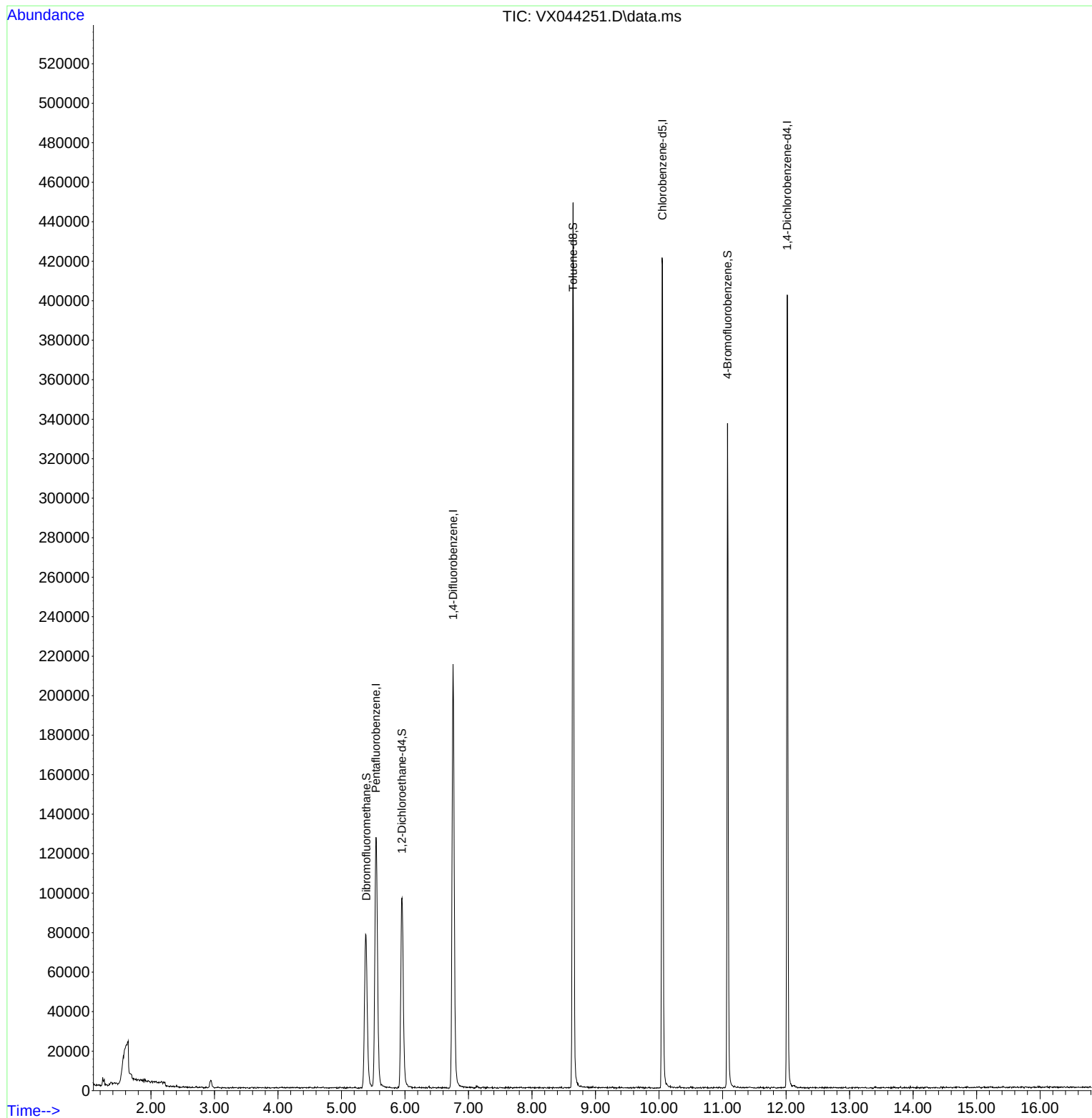
Target Compounds	Qvalue

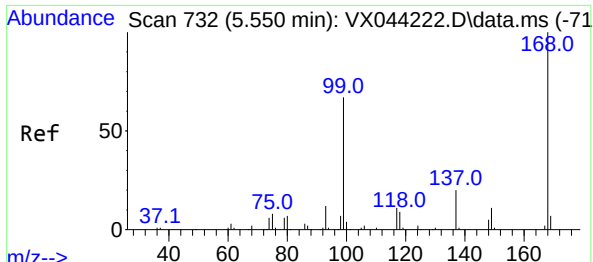
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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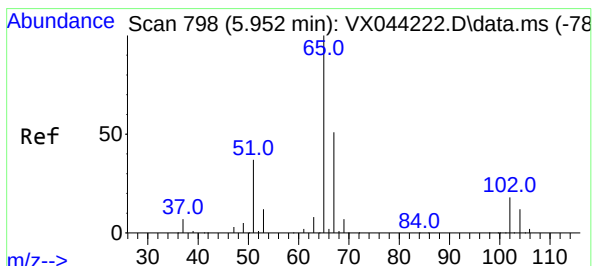
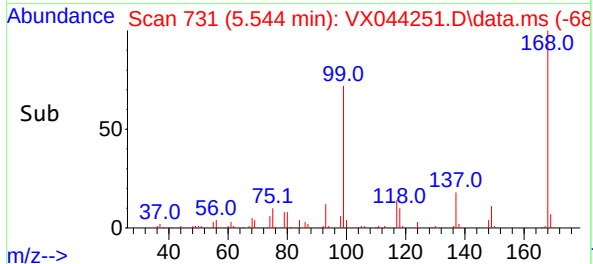
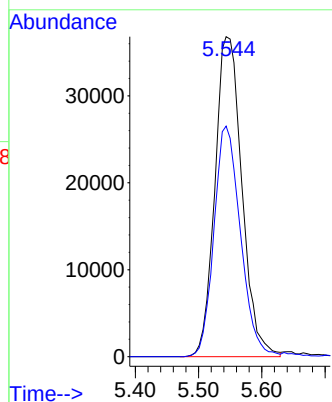
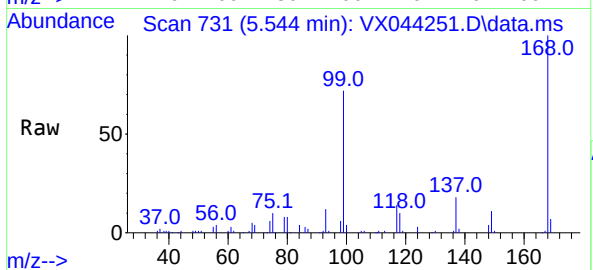




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX044251.D
Acq: 12 Dec 2024 14:46

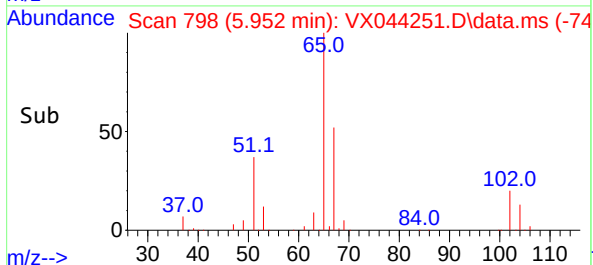
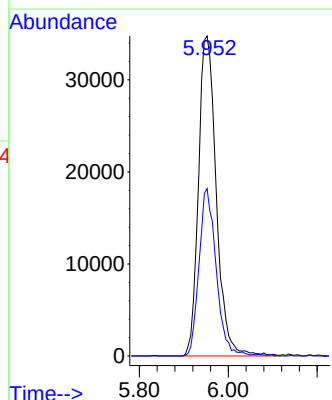
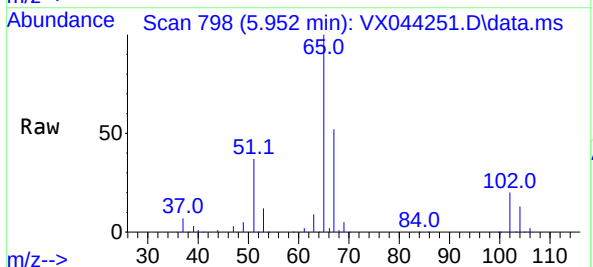
Instrument :
MSVOA_X
ClientSampleId :
DUP-02-20241210

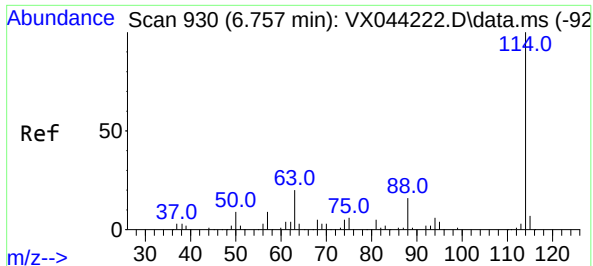
Tgt Ion:168 Resp: 108978
Ion Ratio Lower Upper
168 100
99 72.0 53.4 80.0



#33
1,2-Dichloroethane-d4
Concen: 50.784 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX044251.D
Acq: 12 Dec 2024 14:46

Tgt Ion: 65 Resp: 97036
Ion Ratio Lower Upper
65 100
67 50.2 0.0 101.6

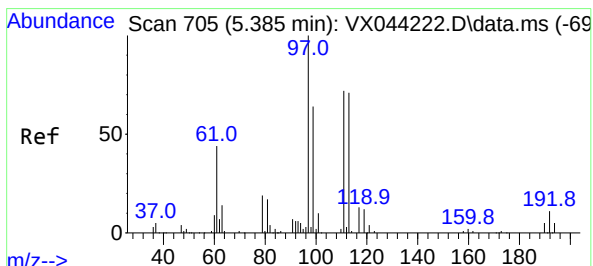
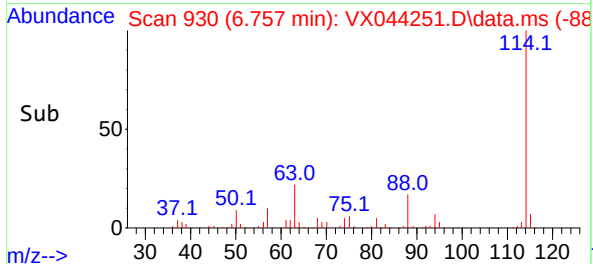
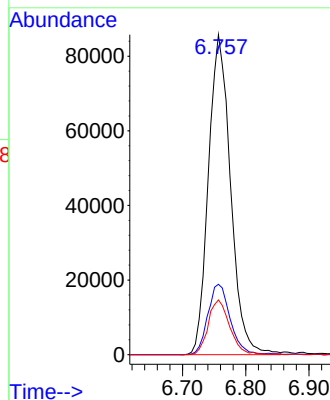
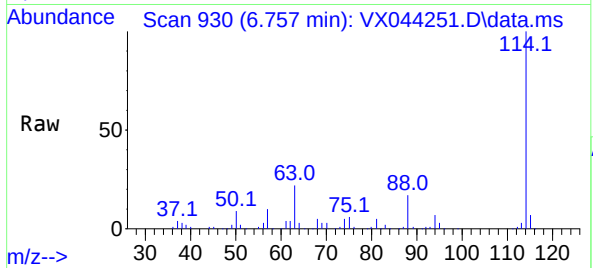




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX044251.D
Acq: 12 Dec 2024 14:46

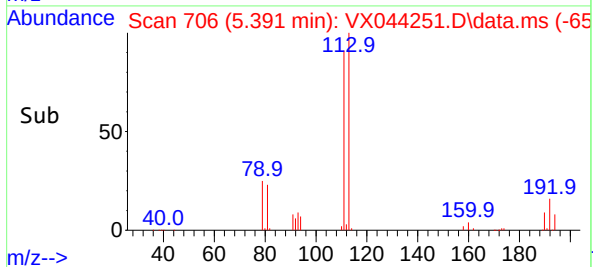
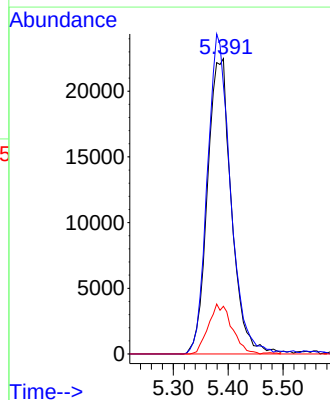
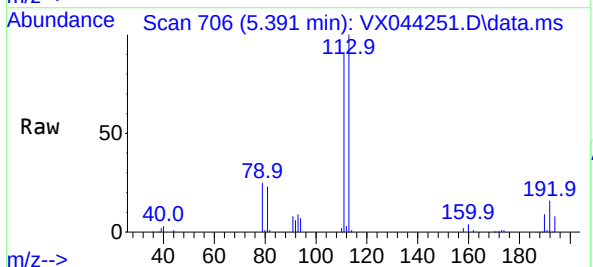
Instrument :
MSVOA_X
ClientSampleId :
DUP-02-20241210

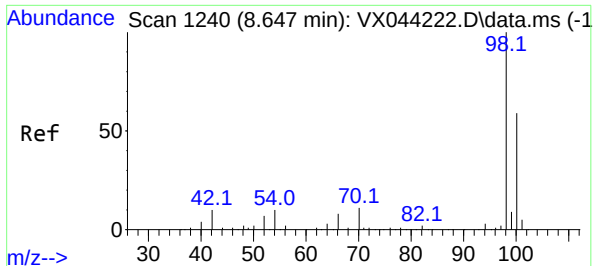
Tgt Ion:114 Resp: 209044
Ion Ratio Lower Upper
114 100
63 22.0 0.0 40.6
88 17.1 0.0 31.8



#35
Dibromofluoromethane
Concen: 47.112 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX044251.D
Acq: 12 Dec 2024 14:46

Tgt Ion:113 Resp: 68209
Ion Ratio Lower Upper
113 100
111 104.8 80.4 120.6
192 16.6 13.3 19.9

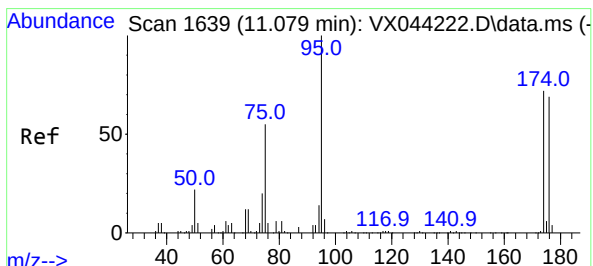
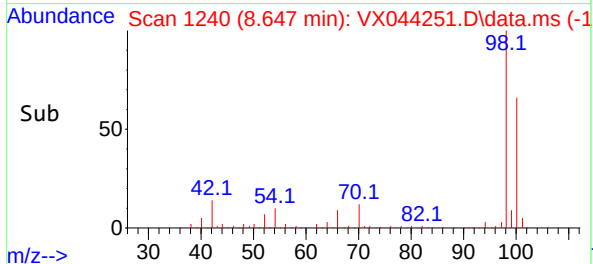
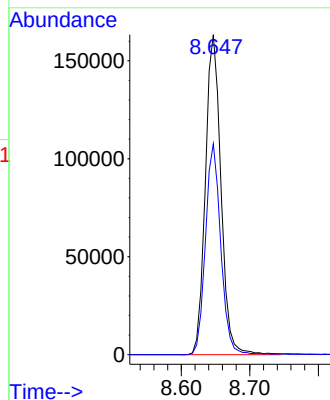
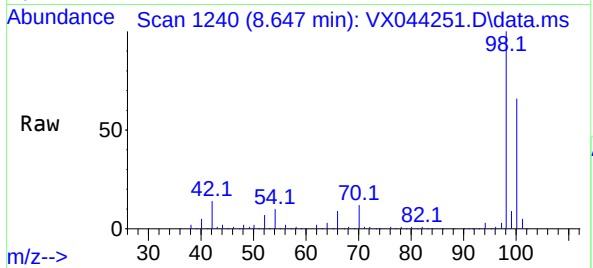




#50
Toluene-d8
Concen: 52.961 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX044251.D
Acq: 12 Dec 2024 14:46

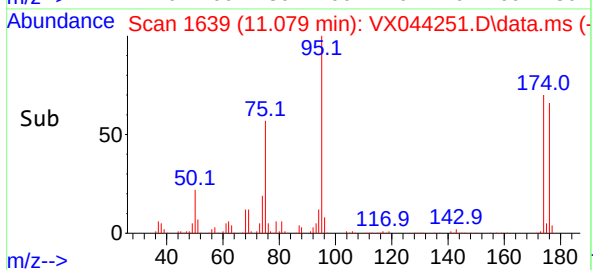
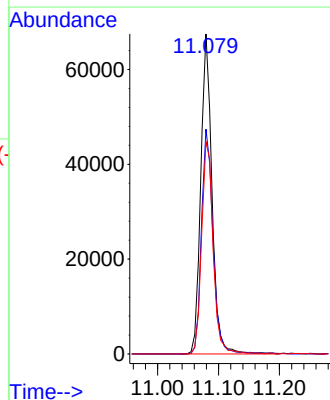
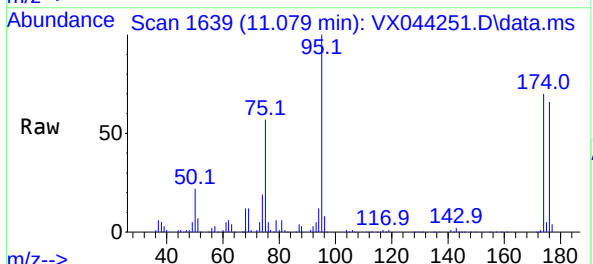
Instrument :
MSVOA_X
ClientSampleId :
DUP-02-20241210

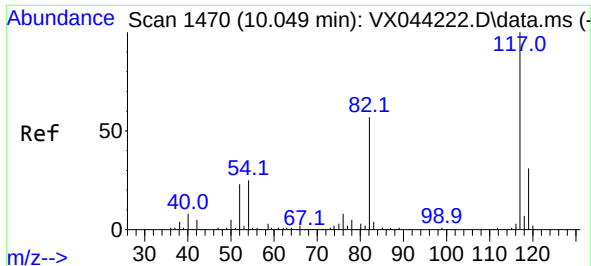
Tgt Ion: 98 Resp: 258690
Ion Ratio Lower Upper
98 100
100 64.7 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 50.629 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044251.D
Acq: 12 Dec 2024 14:46

Tgt Ion: 95 Resp: 86412
Ion Ratio Lower Upper
95 100
174 72.2 0.0 145.8
176 68.0 0.0 137.8

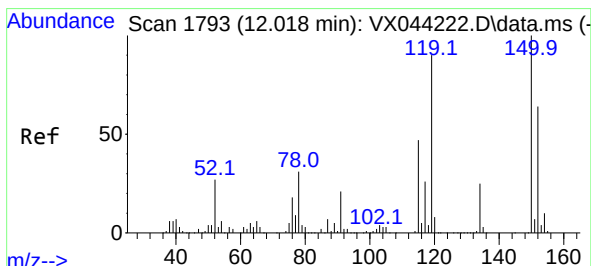
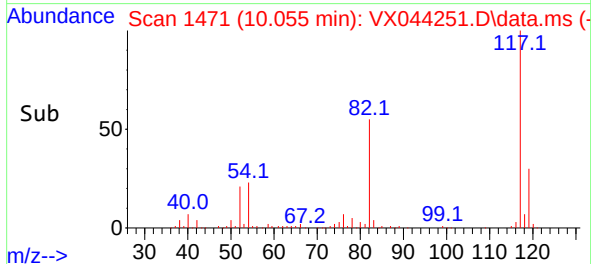
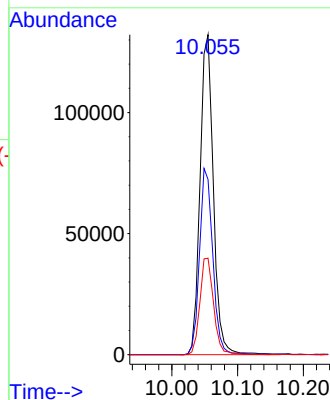
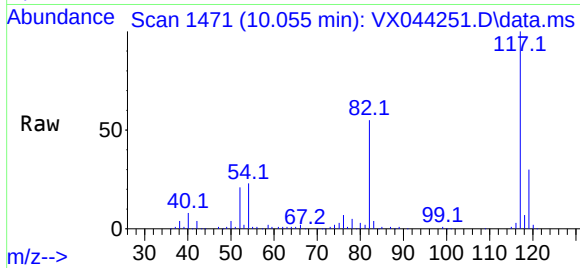




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX044251.D
Acq: 12 Dec 2024 14:46

Instrument :
MSVOA_X
ClientSampleId :
DUP-02-20241210

Tgt Ion:117 Resp: 186097
Ion Ratio Lower Upper
117 100
82 54.7 45.8 68.8
119 30.1 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX044251.D
Acq: 12 Dec 2024 14:46

Tgt Ion:152 Resp: 75007
Ion Ratio Lower Upper
152 100
115 65.1 44.5 133.3
150 155.6 0.0 353.8

