

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032323\
 Data File : VX034692.D
 Acq On : 23 Mar 2023 12:18
 Operator : JC/MD
 Sample : 01998-03
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BROAD-CHANNEL-SUBSTATION-TP2

Quant Time: Mar 24 05:42:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

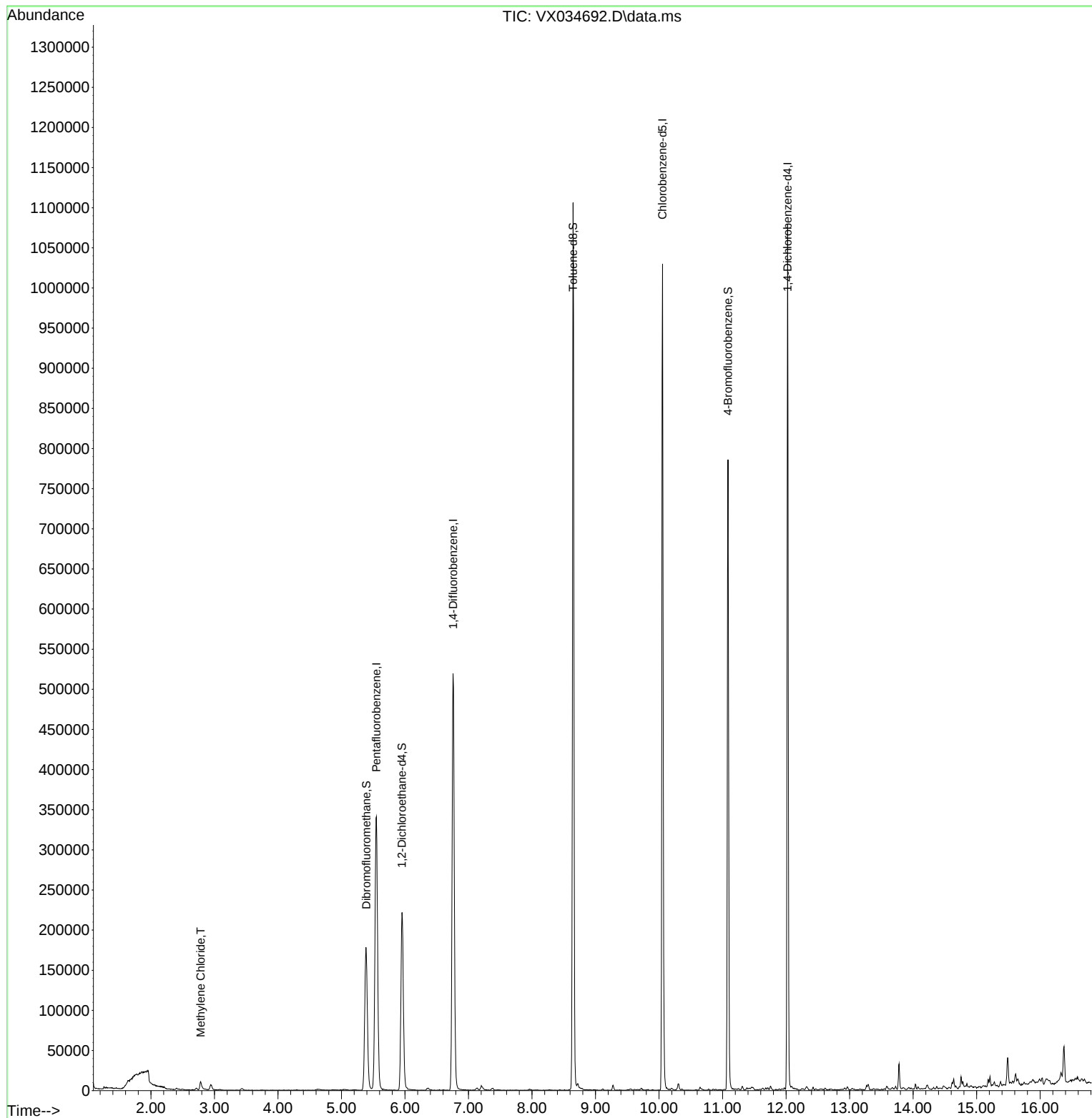
Internal Standards						
1) Pentafluorobenzene	5.550	168	314749	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	529302	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	470612	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	213967	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	220899	48.242	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.480%
35) Dibromofluoromethane	5.391	113	155331	44.448	ug/l	0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.900%
50) Toluene-d8	8.647	98	628888	48.206	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.420%
62) 4-Bromofluorobenzene	11.085	95	237399	45.051	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.100%
Target Compounds						
20) Methylene Chloride	2.782	84	5591	1.336	ug/l	Qvalue 96

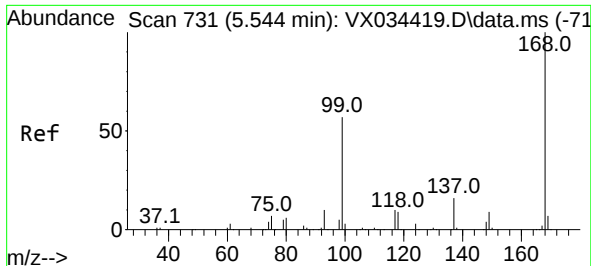
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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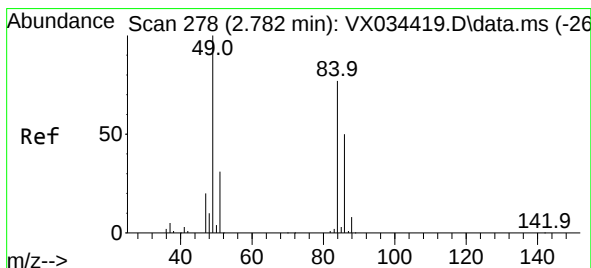
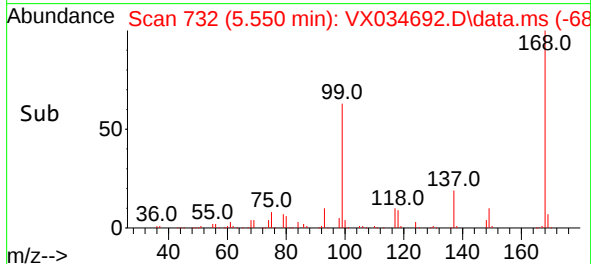
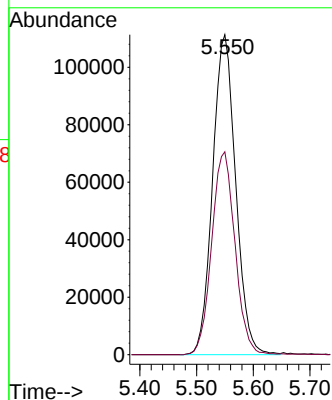
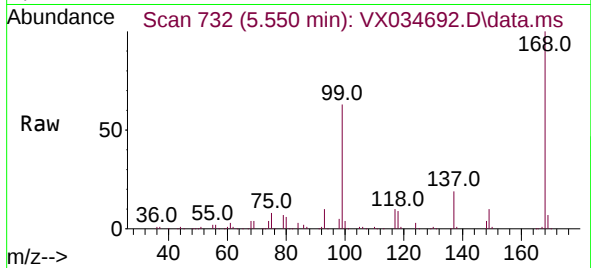




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 731
Delta R.T. 0.006 min
Lab File: VX034692.D
Acq: 23 Mar 2023 12:18

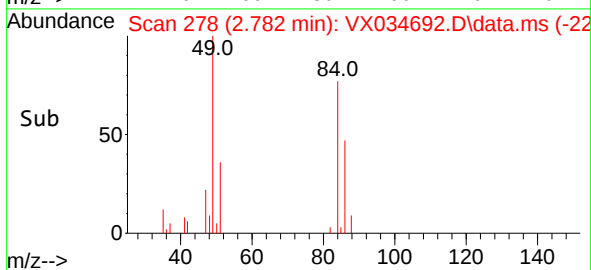
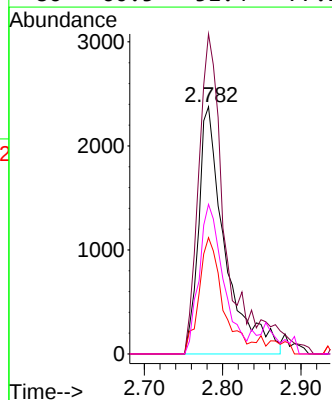
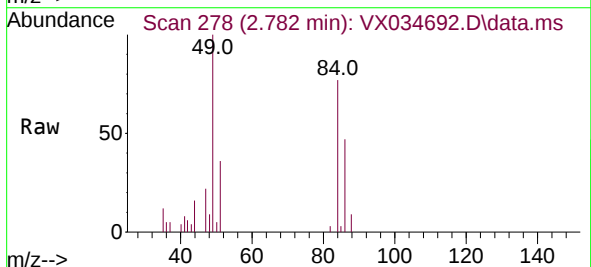
Instrument :
MSVOA_X
ClientSampleId :
BROAD-CHANNEL-SUBSTATION-TP2

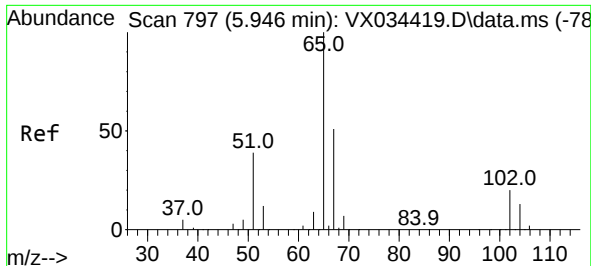
Tgt Ion:168 Resp: 314749
Ion Ratio Lower Upper
168 100
99 63.4 45.7 68.5



#20
Methylene Chloride
Concen: 1.336 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX034692.D
Acq: 23 Mar 2023 12:18

Tgt Ion: 84 Resp: 5591
Ion Ratio Lower Upper
84 100
49 129.4 103.8 155.8
51 47.1 31.8 47.8
86 60.5 51.4 77.2

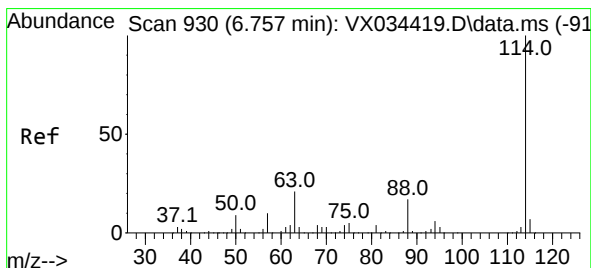
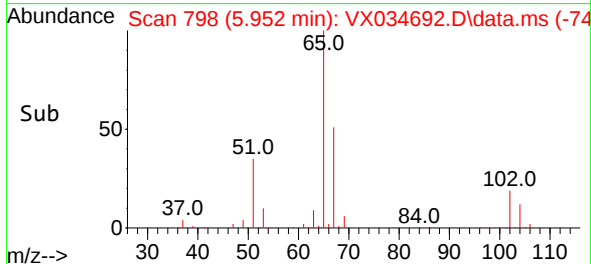
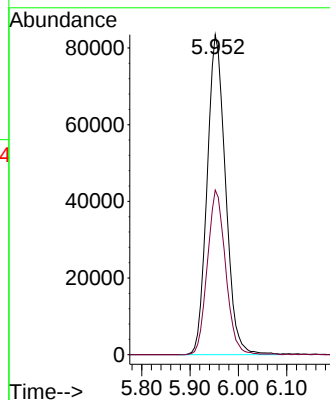
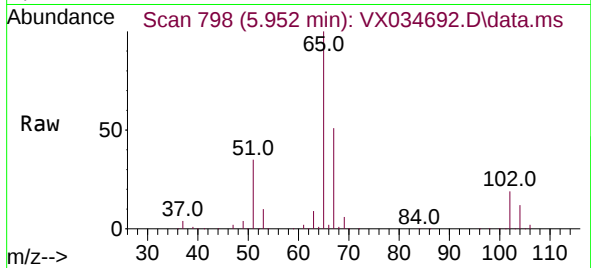




#33
 1,2-Dichloroethane-d4
 Concen: 48.242 ug/l
 RT: 5.952 min Scan# 797
 Delta R.T. 0.006 min
 Lab File: VX034692.D
 Acq: 23 Mar 2023 12:18

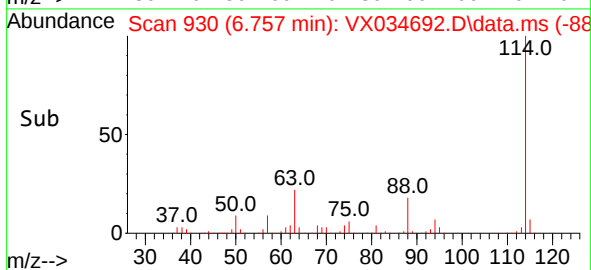
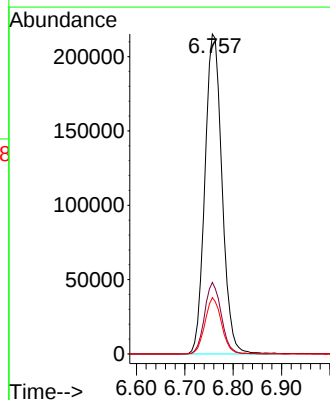
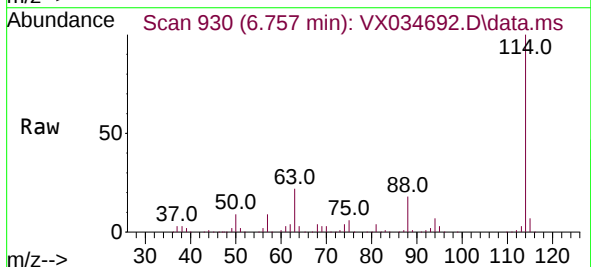
Instrument :
 MSVOA_X
 ClientSampleId :
 BROAD-CHANNEL-SUBSTATION-TP2

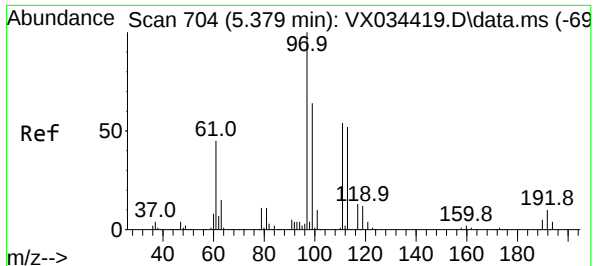
Tgt Ion: 65 Resp: 220899
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. 0.000 min
 Lab File: VX034692.D
 Acq: 23 Mar 2023 12:18

Tgt Ion: 114 Resp: 529302
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 42.2
 88 17.6 0.0 33.2

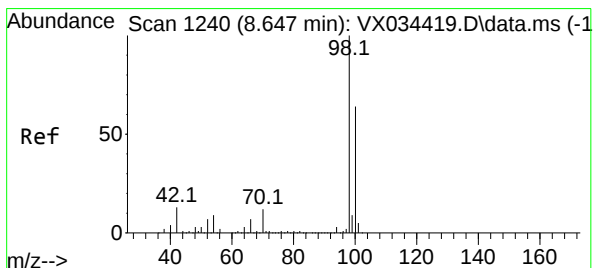
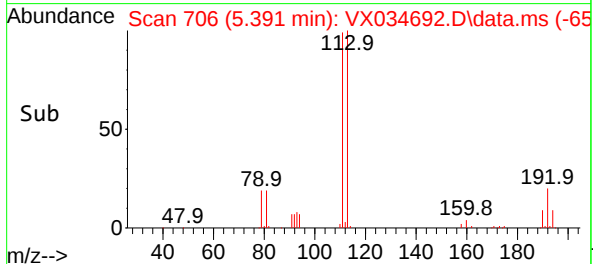
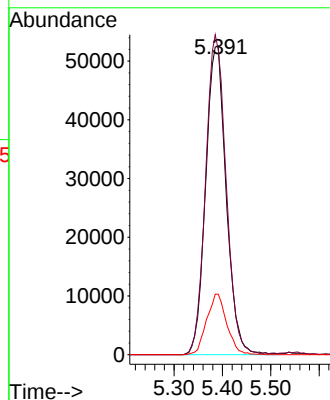
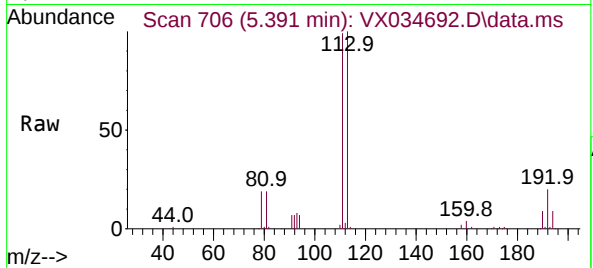




#35
Dibromofluoromethane
Concen: 44.448 ug/l
RT: 5.391 min Scan# 704
Delta R.T. 0.012 min
Lab File: VX034692.D
Acq: 23 Mar 2023 12:18

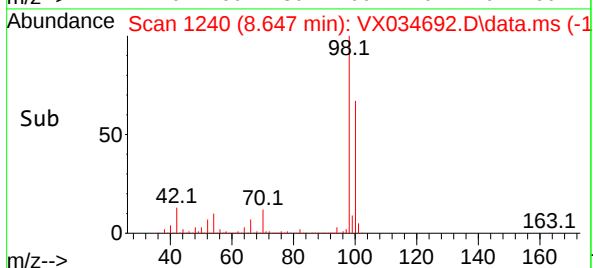
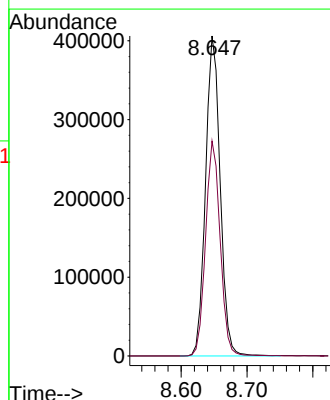
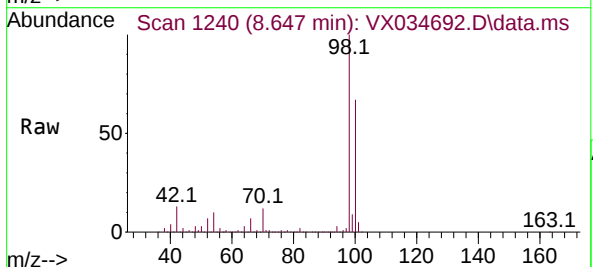
Instrument :
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BROAD-CHANNEL-SUBSTATION-TP2

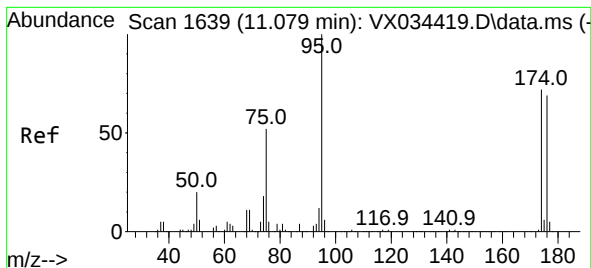
Tgt Ion:113 Resp: 155331
Ion Ratio Lower Upper
113 100
111 103.4 83.7 125.5
192 19.2 15.4 23.2



#50
Toluene-d8
Concen: 48.206 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034692.D
Acq: 23 Mar 2023 12:18

Tgt Ion: 98 Resp: 628888
Ion Ratio Lower Upper
98 100
100 67.0 52.5 78.7

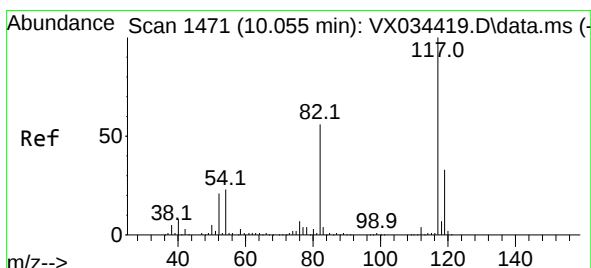
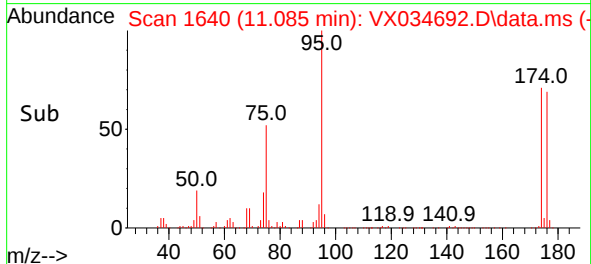
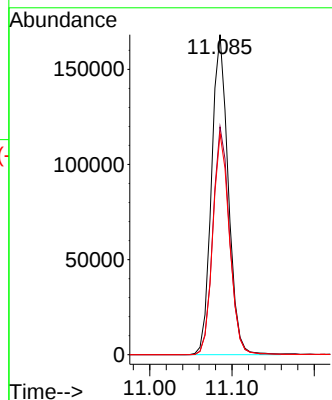
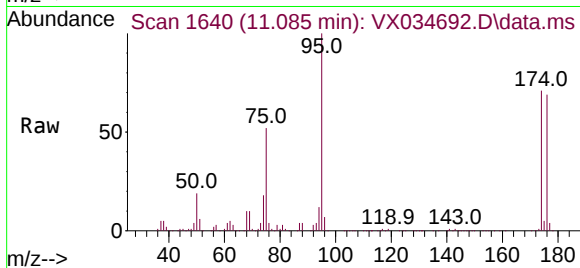




#62
4-Bromofluorobenzene
Concen: 45.051 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX034692.D
Acq: 23 Mar 2023 12:18

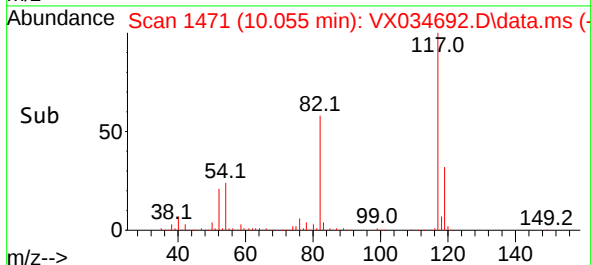
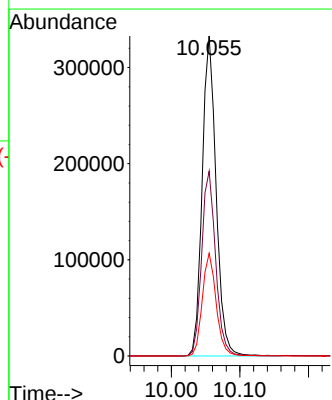
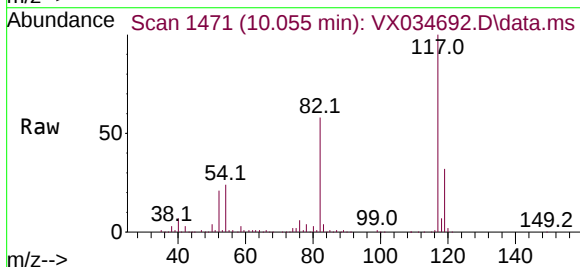
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BROAD-CHANNEL-SUBSTATION-TP2

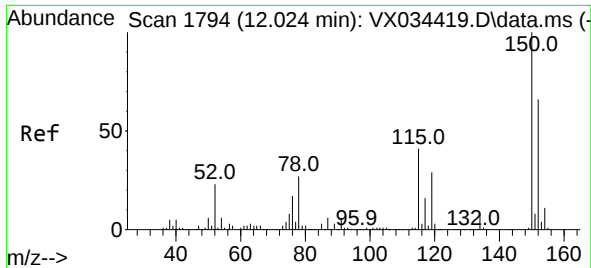
Tgt Ion: 95 Resp: 237399
Ion Ratio Lower Upper
95 100
174 71.0 0.0 147.4
176 69.0 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034692.D
Acq: 23 Mar 2023 12:18

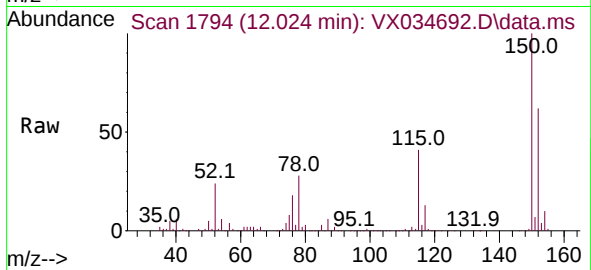
Tgt Ion: 117 Resp: 470612
Ion Ratio Lower Upper
117 100
82 57.7 45.0 67.4
119 32.1 26.0 39.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX034692.D
 Acq: 23 Mar 2023 12:18

Instrument :
 MSVOA_X
 ClientSampleId :
 BROAD-CHANNEL-SUBSTATION-TP2



Tgt Ion:152 Resp: 213967
 Ion Ratio Lower Upper
 152 100
 115 62.9 45.0 135.0
 150 157.1 0.0 352.4

