

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032423\
 Data File : VX034732.D
 Acq On : 24 Mar 2023 19:34
 Operator : JC/MD
 Sample : 02080-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T-4

Quant Time: Mar 27 01:35:40 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	5.549	168	312124	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	527667	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	473232	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	214199	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	221639	48.811	ug/l	0.01
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.620%
35) Dibromofluoromethane	5.385	113	166632	47.829	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.660%
50) Toluene-d8	8.646	98	631532	48.558	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.120%
62) 4-Bromofluorobenzene	11.079	95	241031	45.882	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.760%

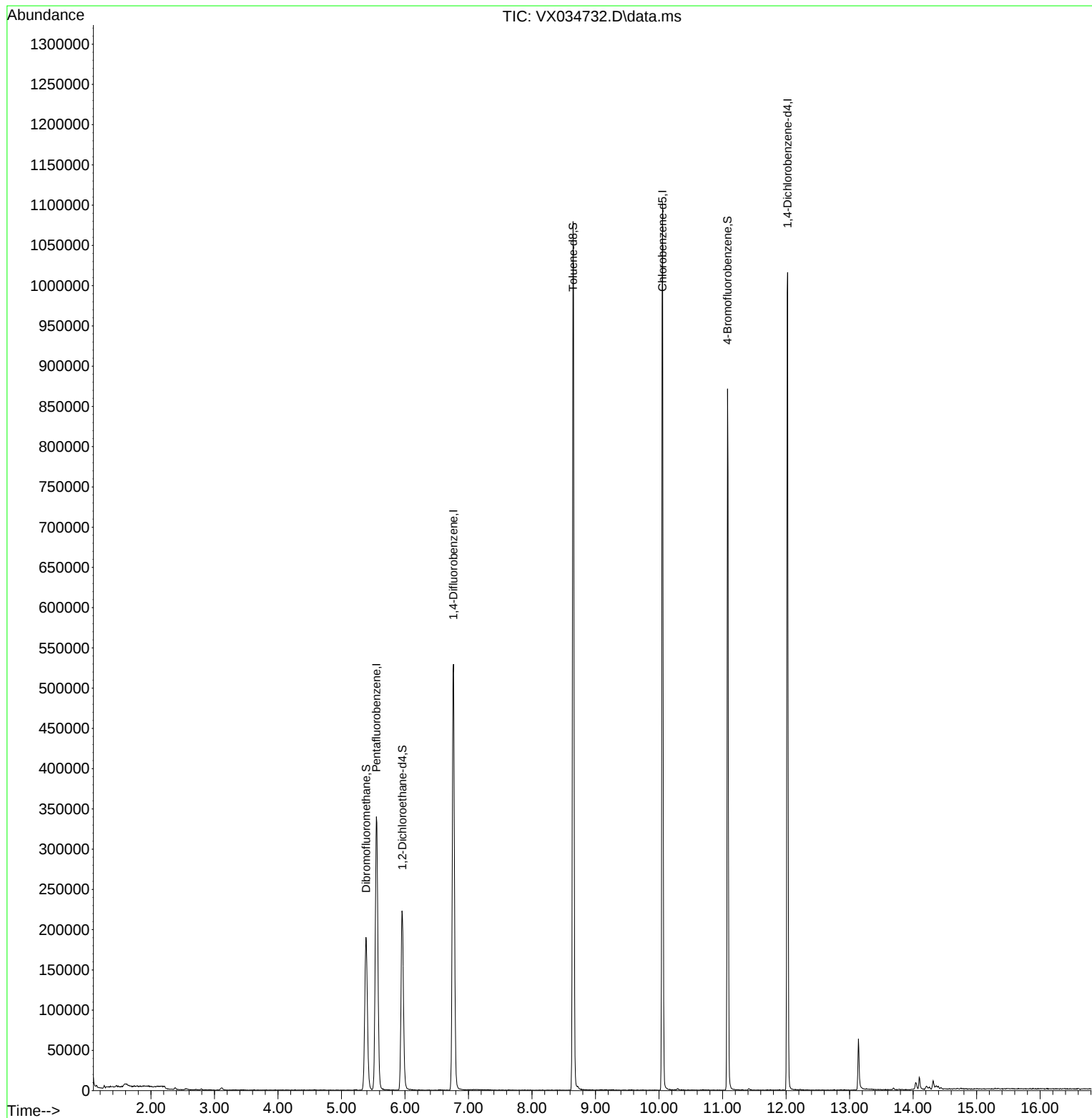
Target Compounds	Qvalue

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

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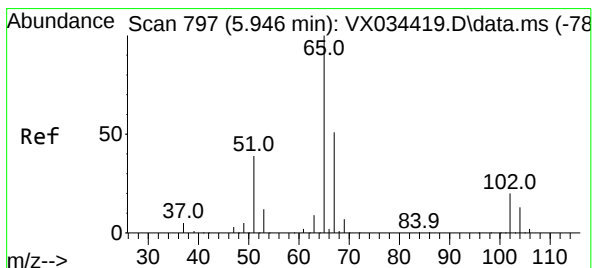
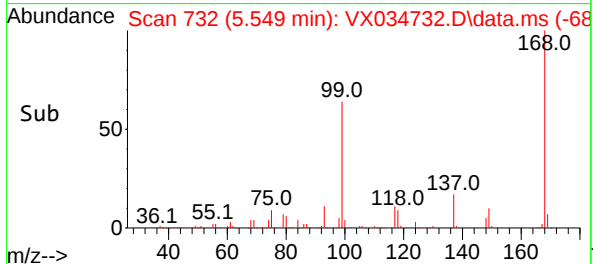
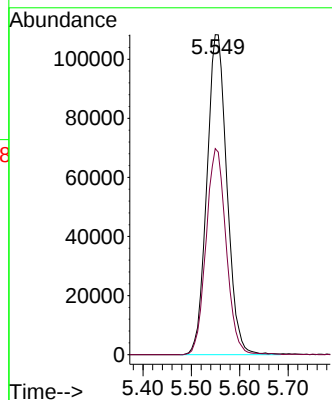
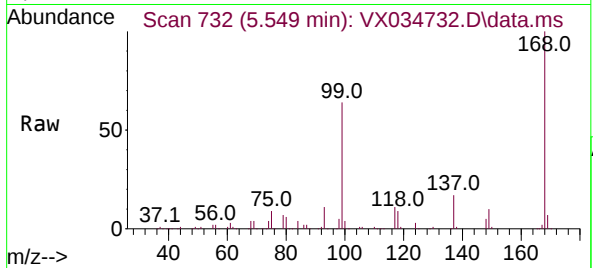




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. 0.005 min
Lab File: VX034732.D
Acq: 24 Mar 2023 19:34

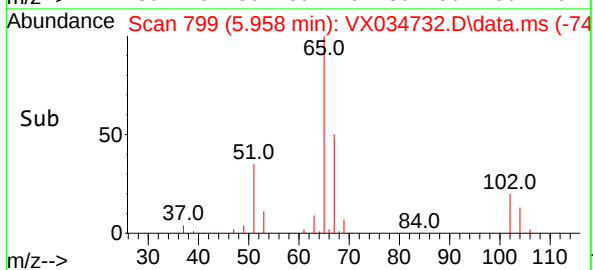
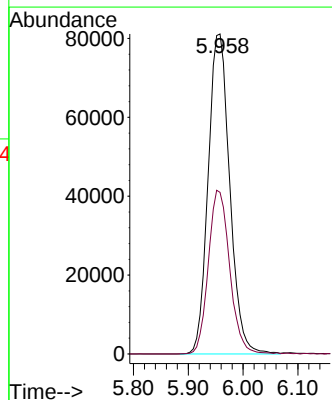
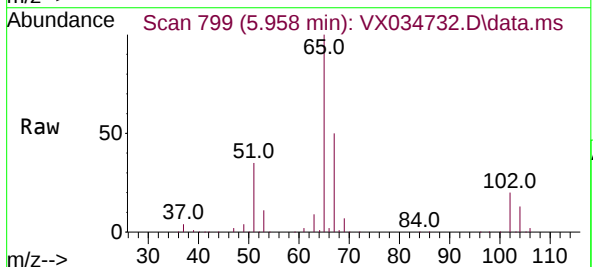
Instrument :
MSVOA_X
ClientSampleId :
T-4

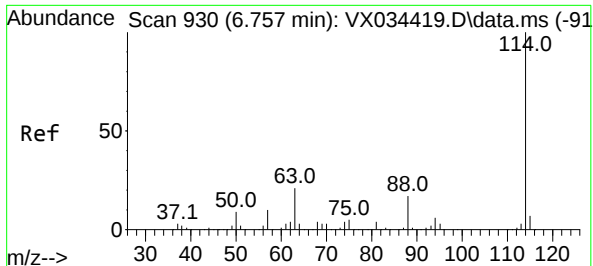
Tgt Ion:168 Resp: 312124
Ion Ratio Lower Upper
168 100
99 64.4 45.7 68.5



#33
1,2-Dichloroethane-d4
Concen: 48.811 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.012 min
Lab File: VX034732.D
Acq: 24 Mar 2023 19:34

Tgt Ion: 65 Resp: 221639
Ion Ratio Lower Upper
65 100
67 50.6 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. 0.006 min

Lab File: VX034732.D

Acq: 24 Mar 2023 19:34

Instrument :

MSVOA_X

ClientSampleId :

T-4

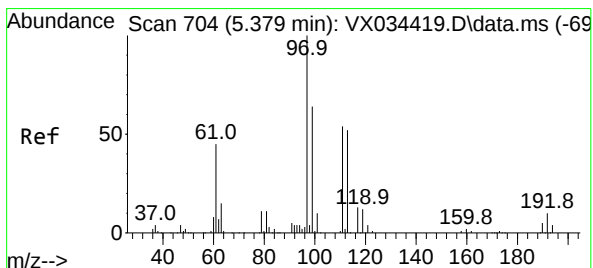
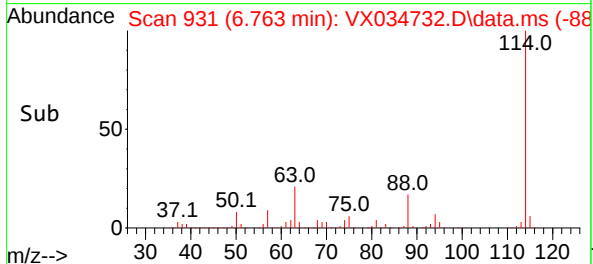
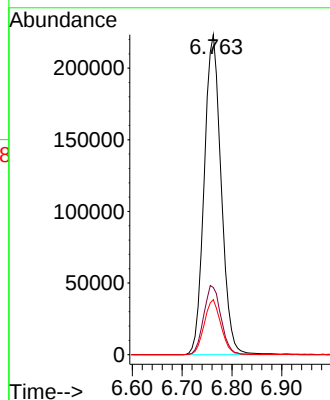
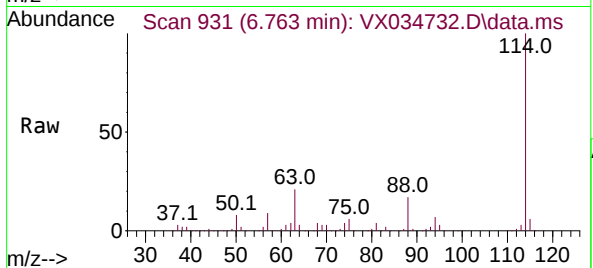
Tgt Ion:114 Resp: 527667

Ion Ratio Lower Upper

114 100

63 21.0 0.0 42.2

88 17.2 0.0 33.2



#35

Dibromofluoromethane

Concen: 47.829 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX034732.D

Acq: 24 Mar 2023 19:34

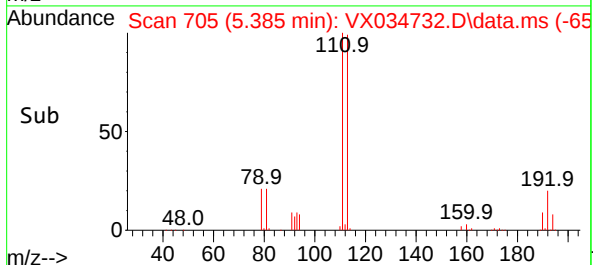
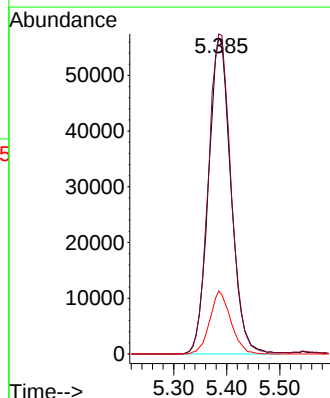
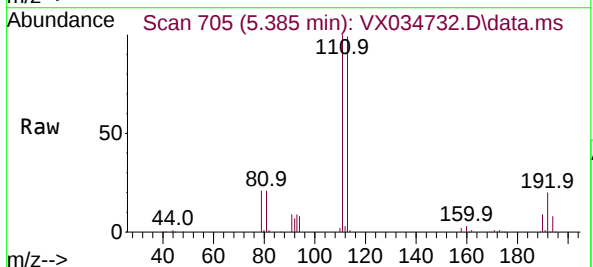
Tgt Ion:113 Resp: 166632

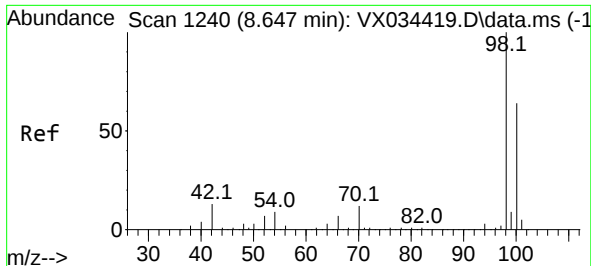
Ion Ratio Lower Upper

113 100

111 102.6 83.7 125.5

192 18.6 15.4 23.2

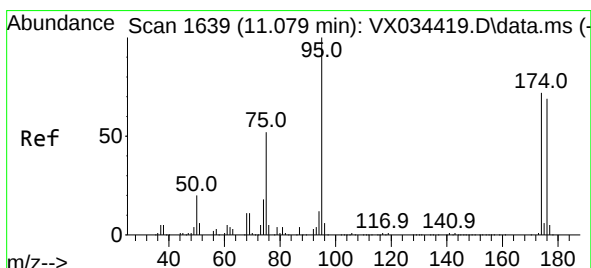
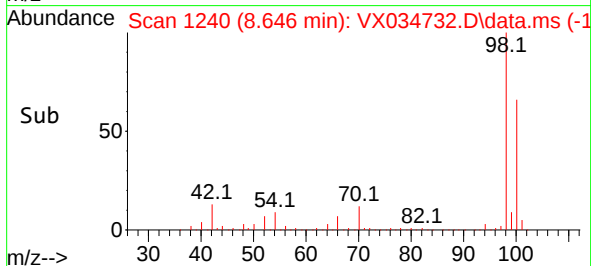
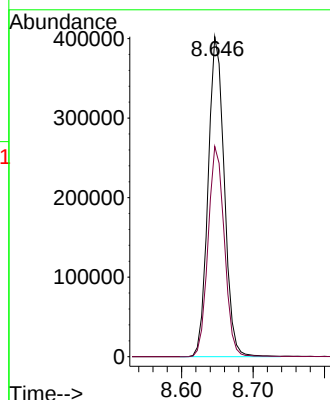
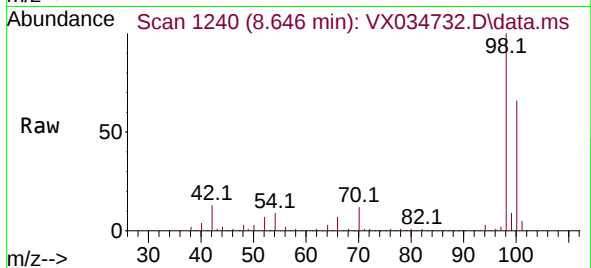




#50
Toluene-d8
Concen: 48.558 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034732.D
Acq: 24 Mar 2023 19:34

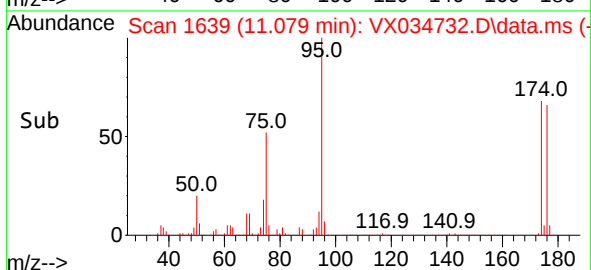
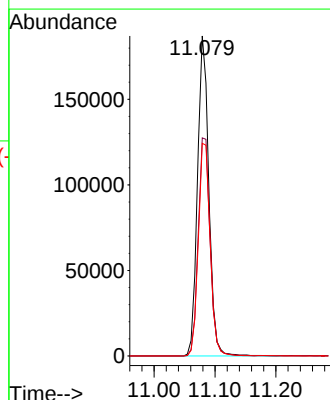
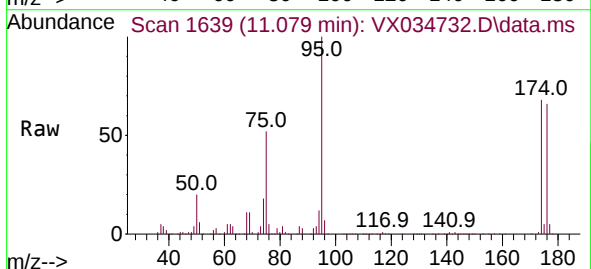
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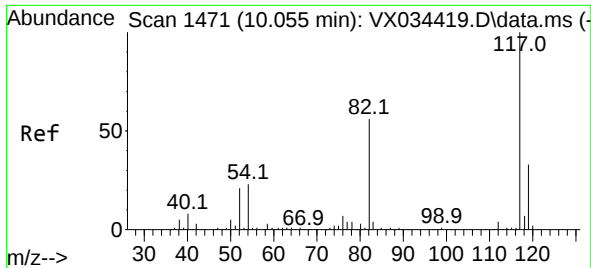
Tgt Ion: 98 Resp: 631532
Ion Ratio Lower Upper
98 100
100 66.3 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 45.882 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034732.D
Acq: 24 Mar 2023 19:34

Tgt Ion: 95 Resp: 241031
Ion Ratio Lower Upper
95 100
174 71.5 0.0 147.4
176 69.6 0.0 140.6

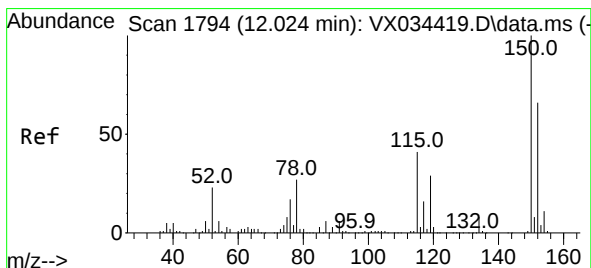
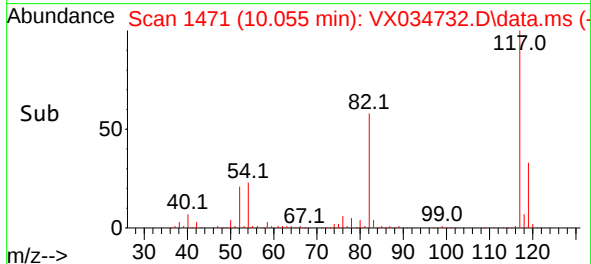
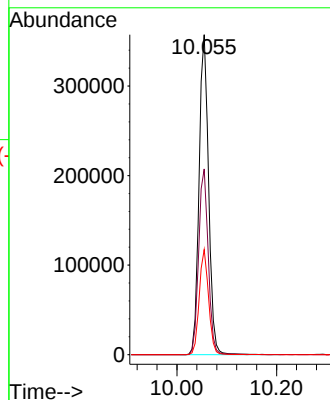
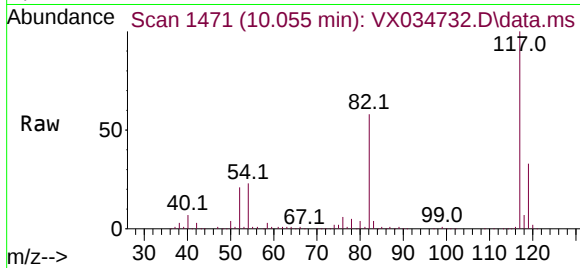




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034732.D
Acq: 24 Mar 2023 19:34

Instrument :
MSVOA_X
ClientSampleId :
T-4

Tgt Ion:117 Resp: 473232
Ion Ratio Lower Upper
117 100
82 58.0 45.0 67.4
119 32.8 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX034732.D
Acq: 24 Mar 2023 19:34

Tgt Ion:152 Resp: 214199
Ion Ratio Lower Upper
152 100
115 62.4 45.0 135.0
150 154.9 0.0 352.4

