

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050323\
 Data File : VX035505.D
 Acq On : 03 May 2023 13:28
 Operator : JC/MD
 Sample : 02569-01
 Misc : 5.02g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ETGI-339

Quant Time: May 03 15:19:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	222922	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	358507	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	313953	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	141126	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	129287	48.072	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.140%
35) Dibromofluoromethane	5.385	113	101364	46.066	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.140%
50) Toluene-d8	8.647	98	419679	50.560	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.120%
62) 4-Bromofluorobenzene	11.085	95	150781	48.288	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.580%

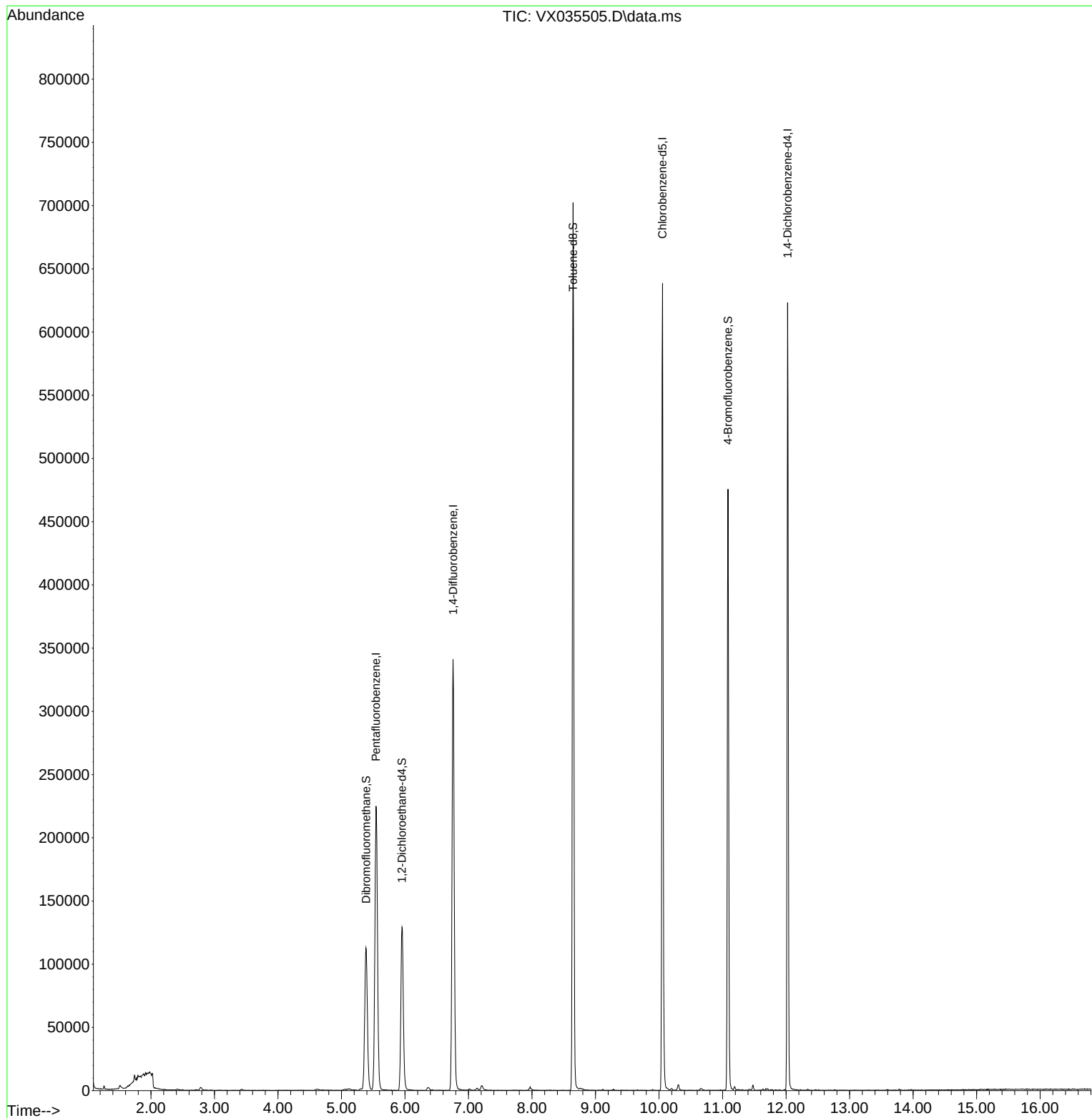
Target Compounds	Qvalue

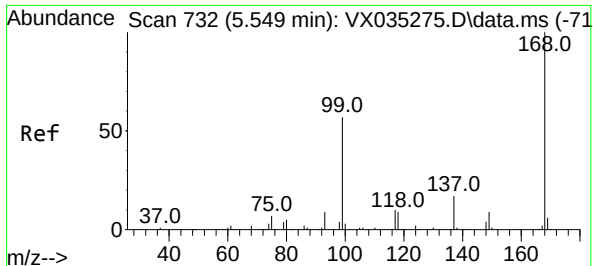
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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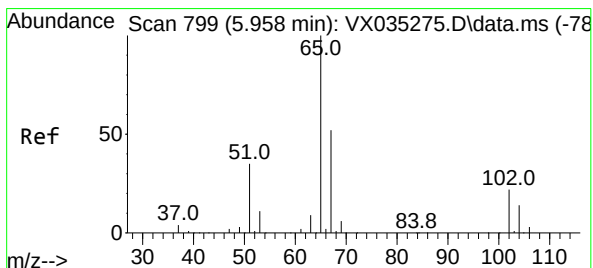
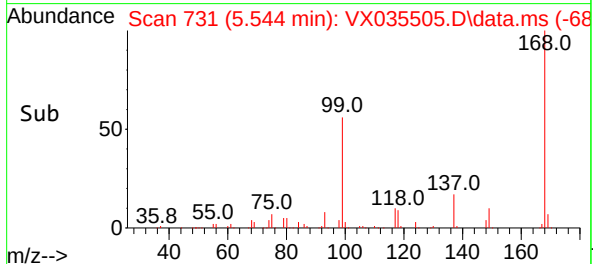
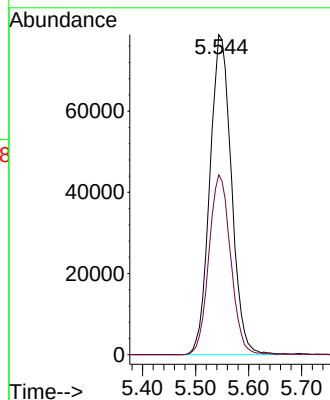
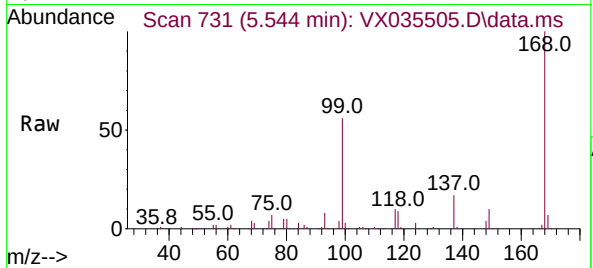




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.005 min
Lab File: VX035505.D
Acq: 03 May 2023 13:28

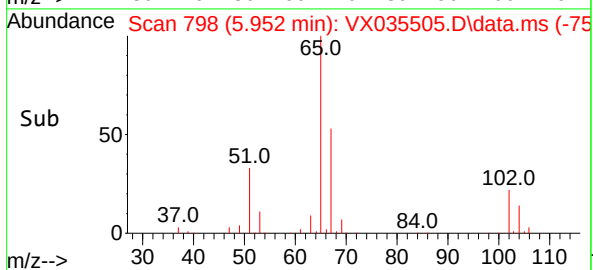
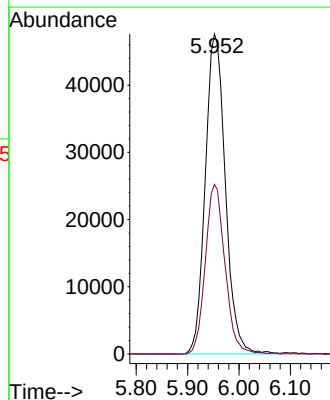
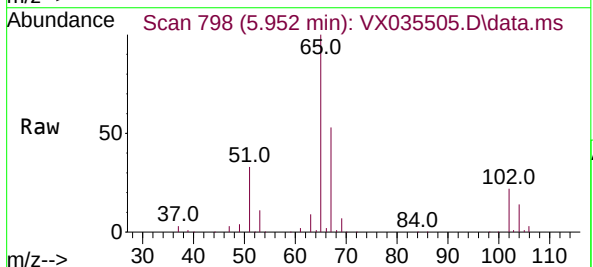
Instrument :
MSVOA_X
ClientSampleId :
ETGI-339

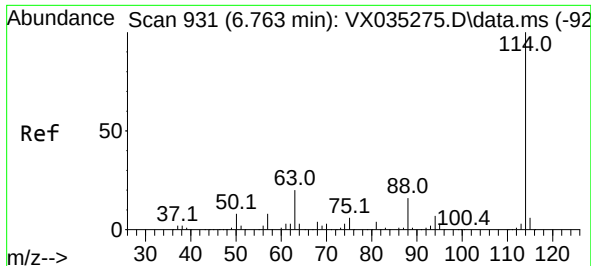
Tgt Ion:168 Resp: 222922
Ion Ratio Lower Upper
168 100
99 56.2 45.7 68.5



#33
1,2-Dichloroethane-d4
Concen: 48.072 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX035505.D
Acq: 03 May 2023 13:28

Tgt Ion: 65 Resp: 129287
Ion Ratio Lower Upper
65 100
67 51.6 0.0 104.0

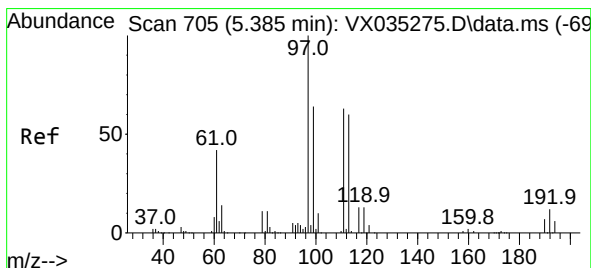
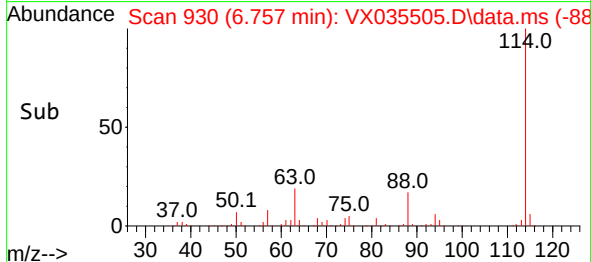
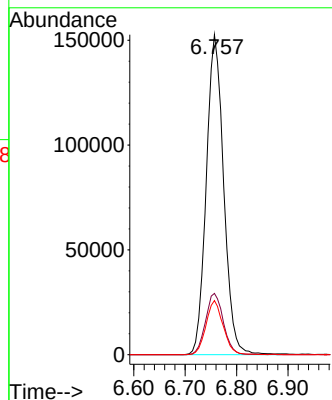
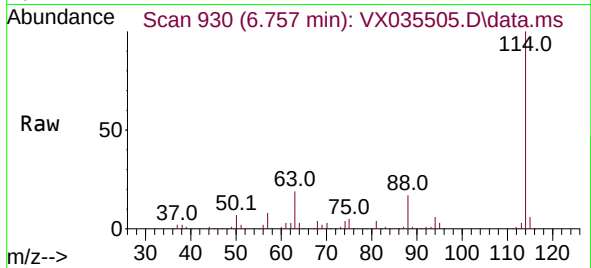




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VX035505.D
 Acq: 03 May 2023 13:28

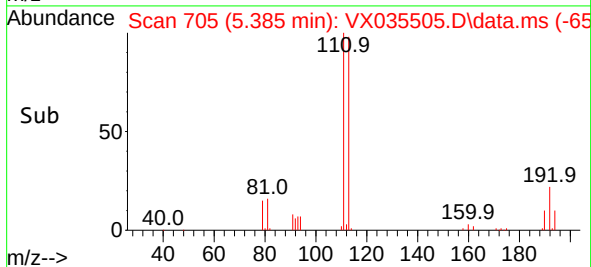
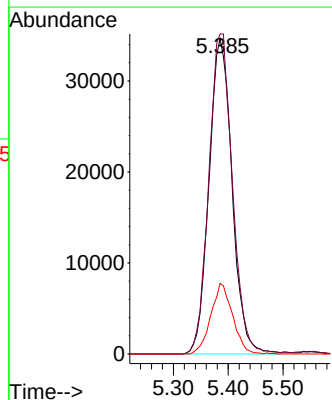
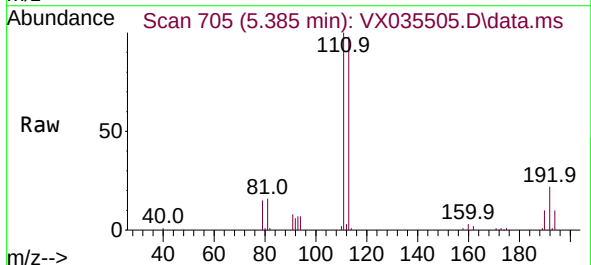
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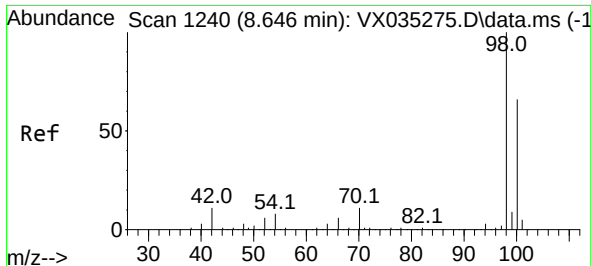
Tgt Ion:114 Resp: 358507
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 42.2
 88 16.9 0.0 33.2



#35
 Dibromofluoromethane
 Concen: 46.066 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. 0.000 min
 Lab File: VX035505.D
 Acq: 03 May 2023 13:28

Tgt Ion:113 Resp: 101364
 Ion Ratio Lower Upper
 113 100
 111 103.6 83.7 125.5
 192 21.0 15.4 23.2

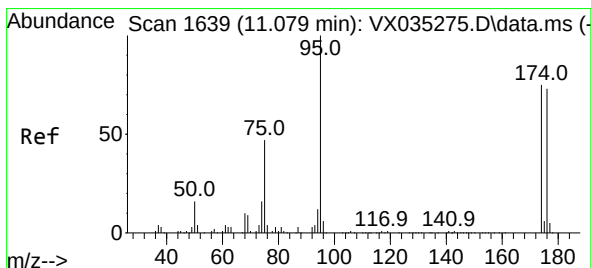
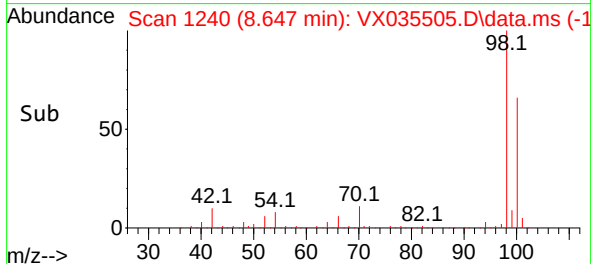
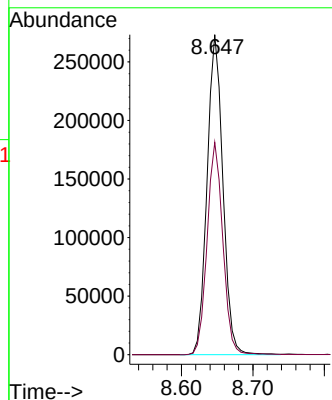
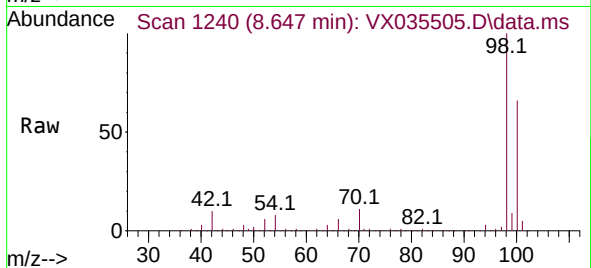




#50
Toluene-d8
Concen: 50.560 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX035505.D
Acq: 03 May 2023 13:28

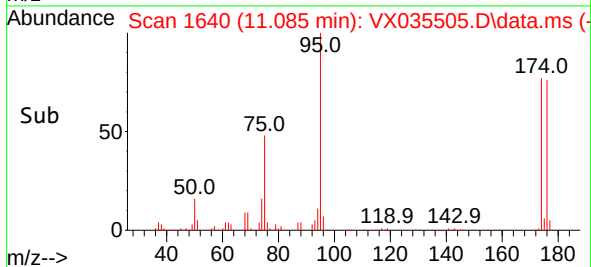
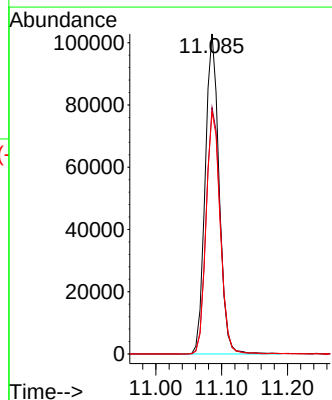
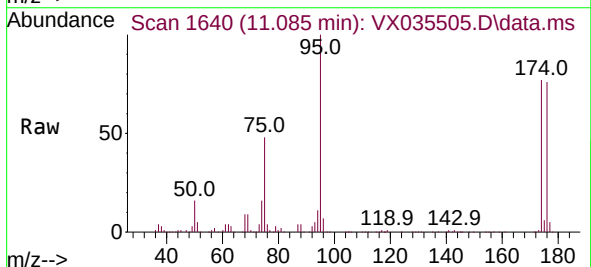
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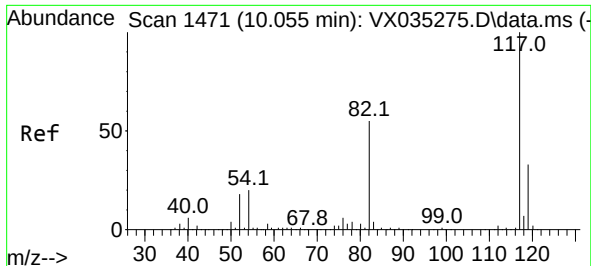
Tgt Ion: 98 Resp: 419679
Ion Ratio Lower Upper
98 100
100 66.1 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 48.288 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX035505.D
Acq: 03 May 2023 13:28

Tgt Ion: 95 Resp: 150781
Ion Ratio Lower Upper
95 100
174 78.2 0.0 147.4
176 76.8 0.0 140.6

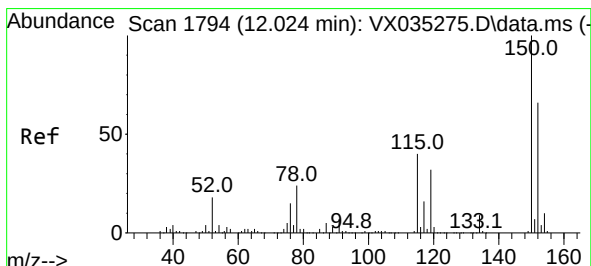
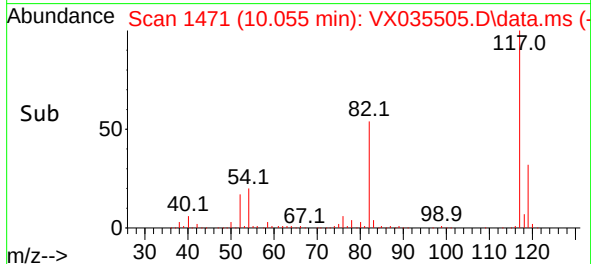
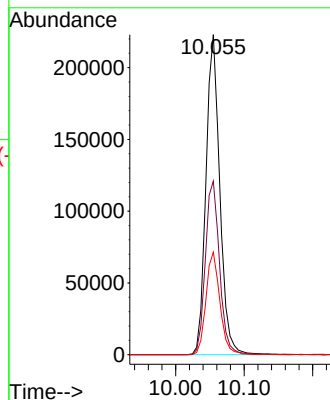
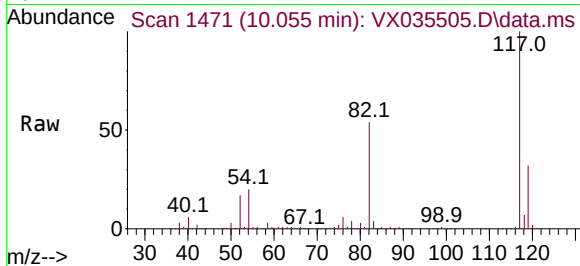




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035505.D
Acq: 03 May 2023 13:28

Instrument :
MSVOA_X
ClientSampleId :
ETGI-339

Tgt Ion:117 Resp: 313953
Ion Ratio Lower Upper
117 100
82 54.2 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# 1794
Delta R.T. 0.000 min
Lab File: VX035505.D
Acq: 03 May 2023 13:28

Tgt Ion:152 Resp: 141126
Ion Ratio Lower Upper
152 100
115 60.2 45.0 135.0
150 158.5 0.0 352.4

