

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111622\
 Data File : VX032872.D
 Acq On : 16 Nov 2022 16:47
 Operator : JC/MD
 Sample : N5640-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
ClientSampleId :
 DUP111522

Quant Time: Nov 17 05:43:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

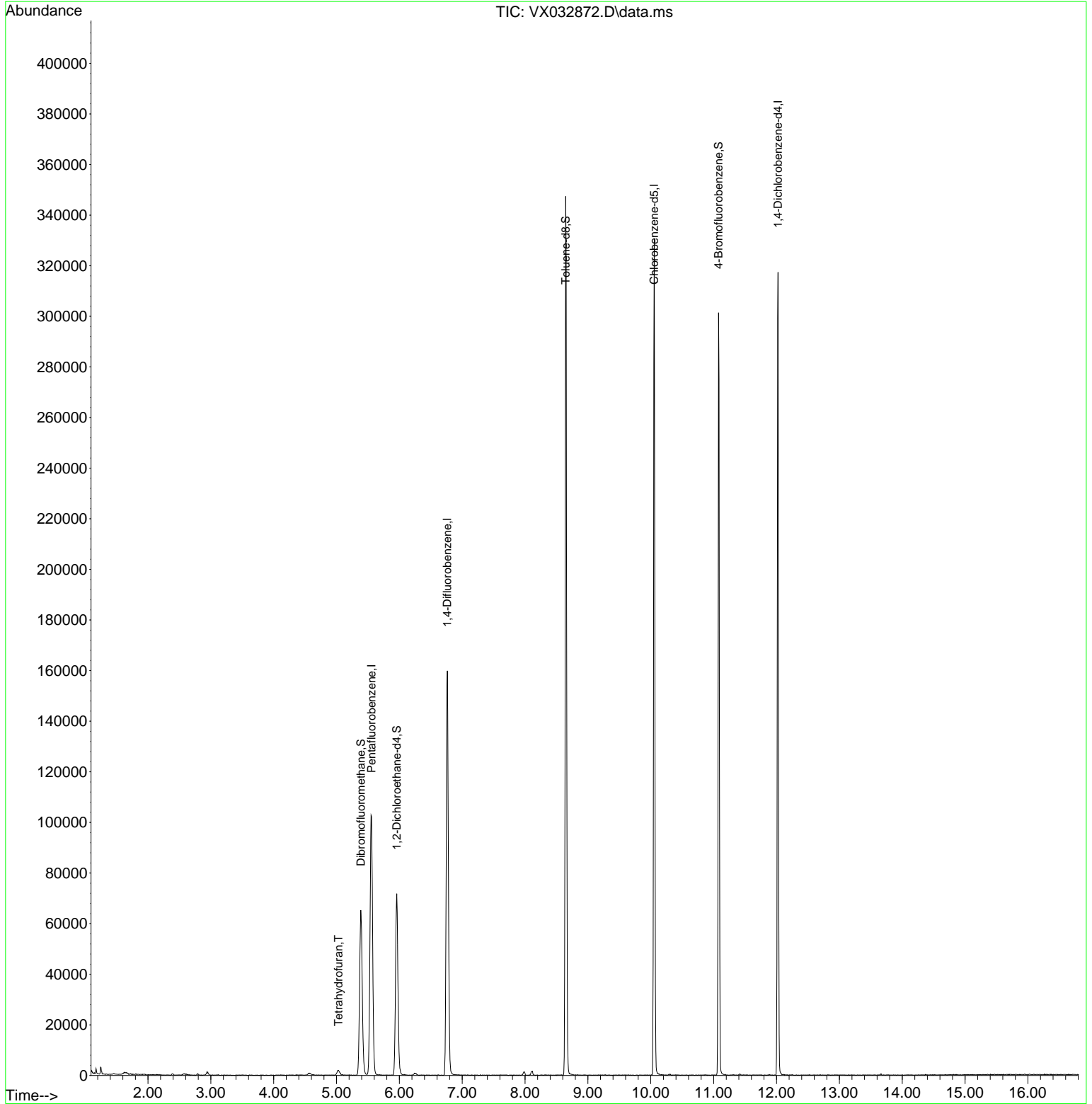
Internal Standards						
1) Pentafluorobenzene	5.556	168	98037	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	164071	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	144939	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	65605	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	71140	52.224	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	104.440%
35) Dibromofluoromethane	5.385	113	55531	47.449	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.900%
50) Toluene-d8	8.647	98	204092	50.151	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.300%
62) 4-Bromofluorobenzene	11.079	95	76028	47.827	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.660%
Target Compounds						
29) Tetrahydrofuran	5.032	42	1768	3.615	ug/l #	81

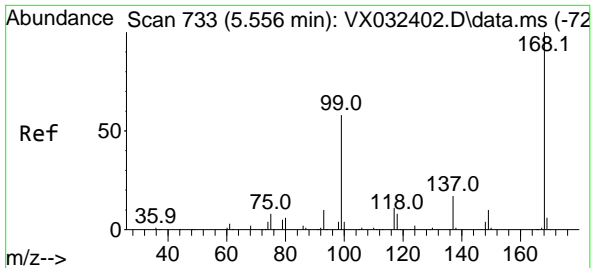
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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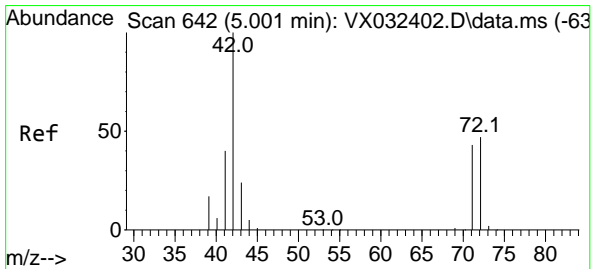
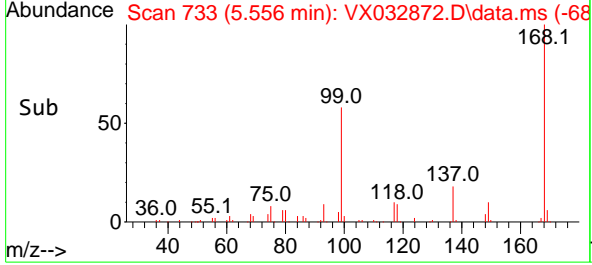
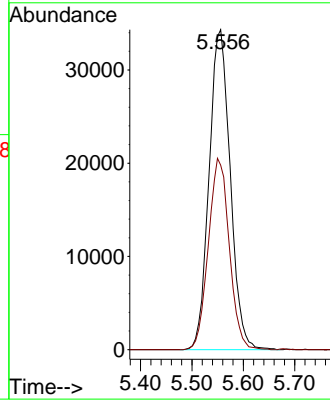
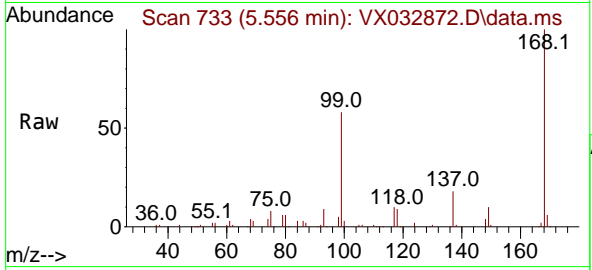




#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.556 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VX032872.D
 Acq: 16 Nov 2022 16:47

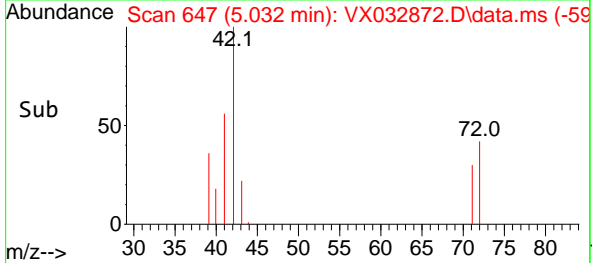
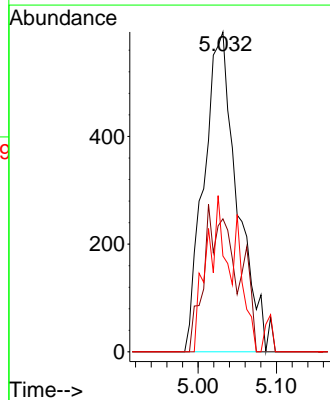
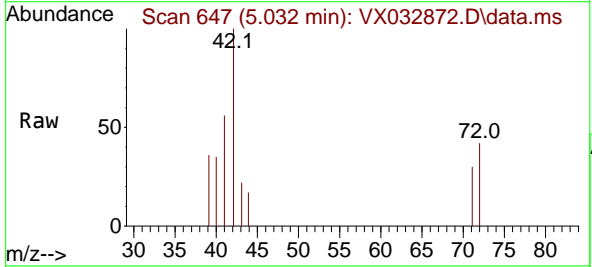
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP111522

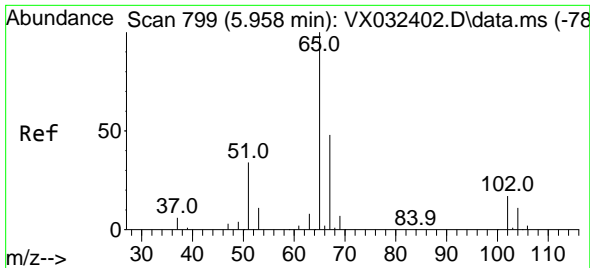
Tgt Ion:168 Resp: 98037
 Ion Ratio Lower Upper
 168 100
 99 57.7 46.1 69.1



#29
 Tetrahydrofuran
 Concen: 3.615 ug/l
 RT: 5.032 min Scan# 647
 Delta R.T. 0.030 min
 Lab File: VX032872.D
 Acq: 16 Nov 2022 16:47

Tgt Ion: 42 Resp: 1768
 Ion Ratio Lower Upper
 42 100
 72 35.9 37.6 56.4#
 71 29.1 34.7 52.1#

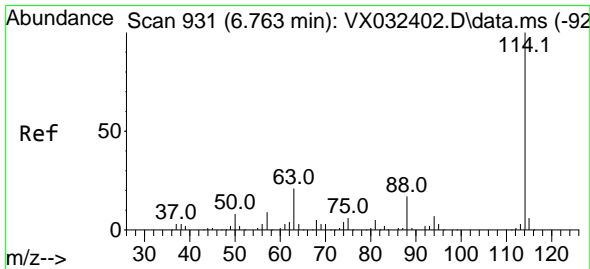
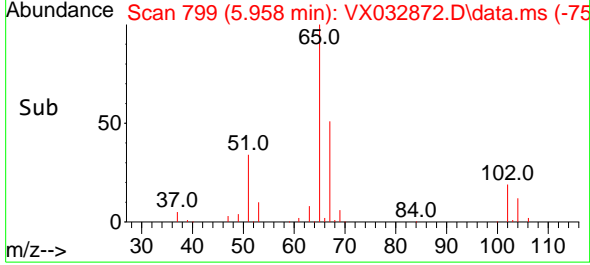
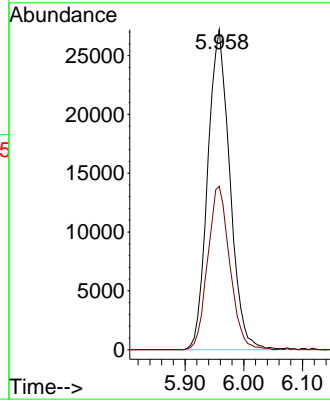
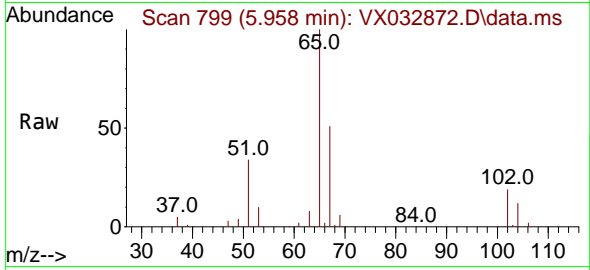




#33
 1,2-Dichloroethane-d4
 Concen: 52.224 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX032872.D
 Acq: 16 Nov 2022 16:47

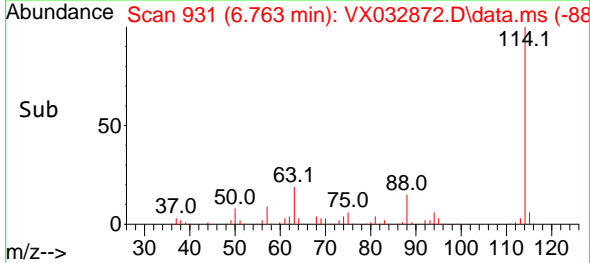
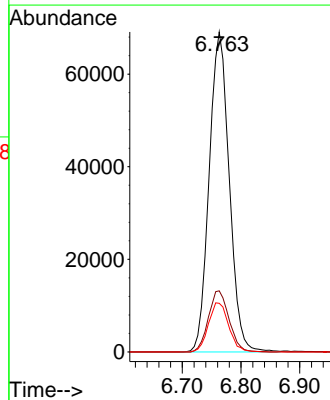
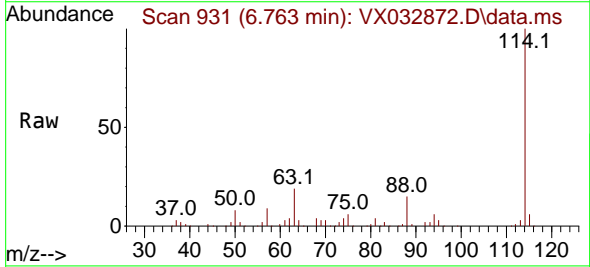
Instrument : MSVOA_X
 ClientSampleId : DUP111522

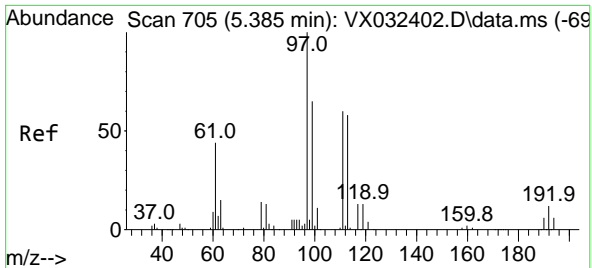
Tgt Ion: 65 Resp: 71140
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX032872.D
 Acq: 16 Nov 2022 16:47

Tgt Ion: 114 Resp: 164071
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 41.6
 88 15.2 0.0 33.4

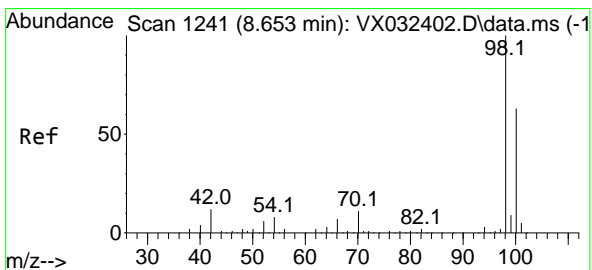
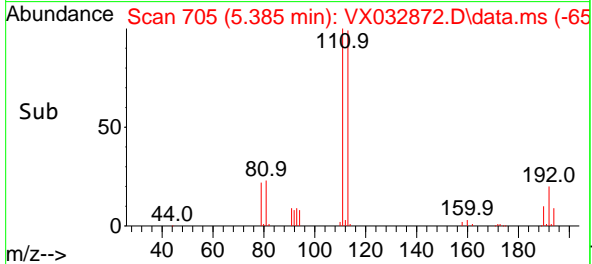
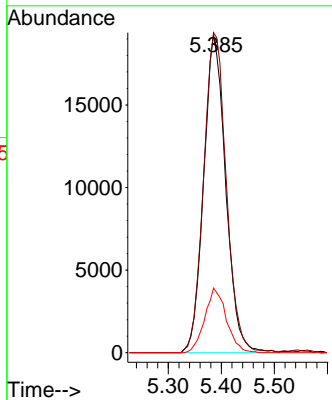
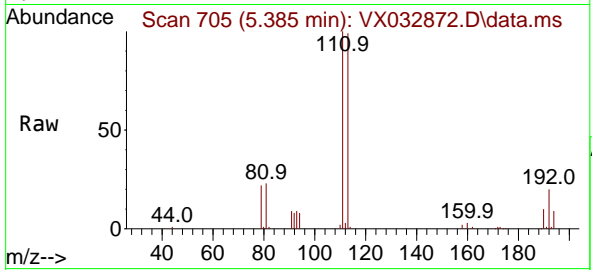




#35
 Dibromofluoromethane
 Concen: 47.449 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. 0.000 min
 Lab File: VX032872.D
 Acq: 16 Nov 2022 16:47

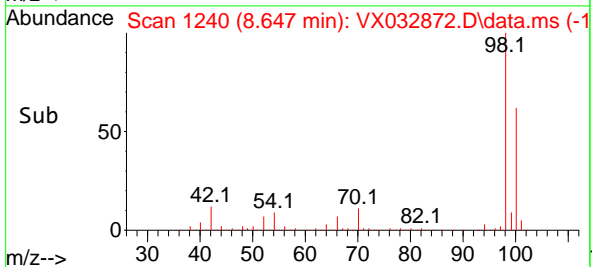
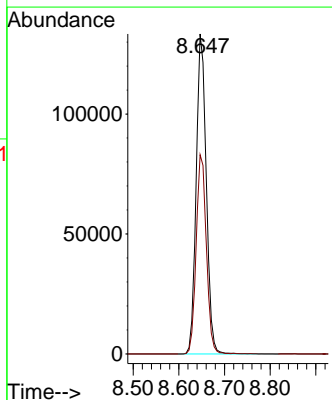
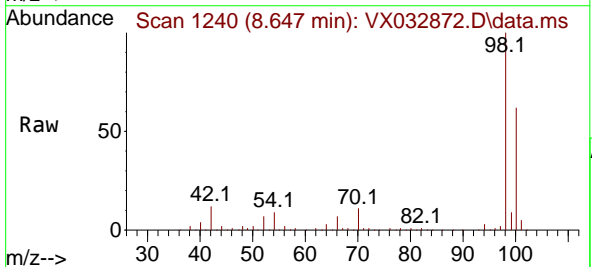
Instrument : MSVOA_X
 ClientSampleId : DUP111522

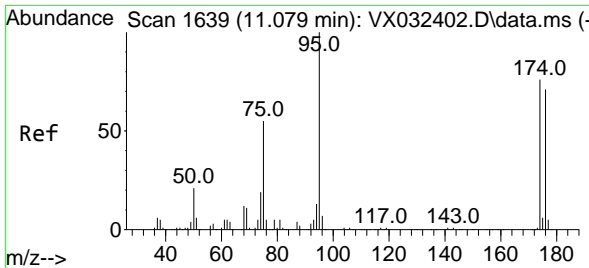
Tgt Ion	Resp	Lower	Upper
113	55531		
113	100		
111	103.6	82.4	123.6
192	19.9	15.4	23.2



#50
 Toluene-d8
 Concen: 50.151 ug/l
 RT: 8.647 min Scan# 1240
 Delta R.T. -0.006 min
 Lab File: VX032872.D
 Acq: 16 Nov 2022 16:47

Tgt Ion	Resp	Lower	Upper
98	204092		
98	100		
100	62.9	50.9	76.3



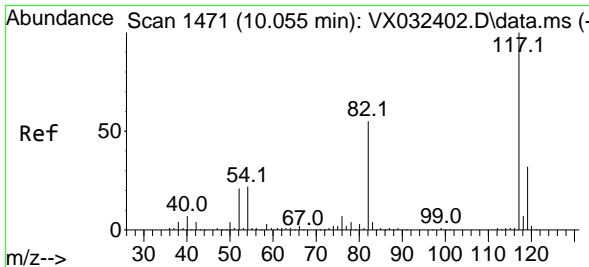
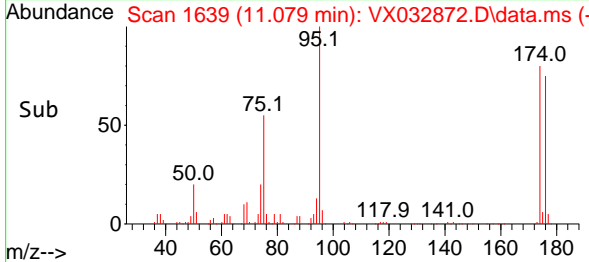
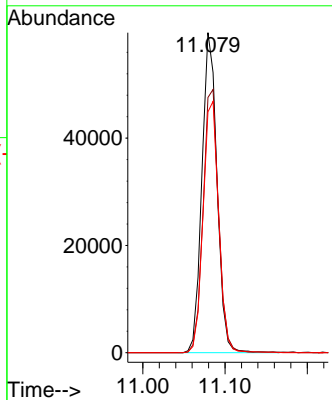
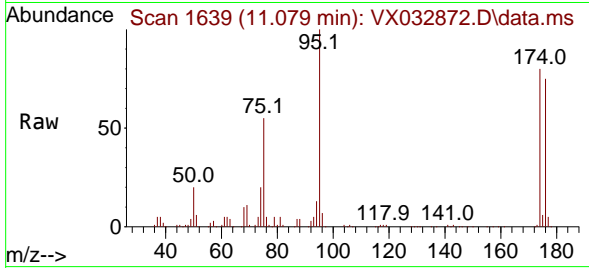


#62
 4-Bromofluorobenzene
 Concen: 47.827 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.000 min
 Lab File: VX032872.D
 Acq: 16 Nov 2022 16:47

Instrument : MSVOA_X
 ClientSampleId : DUP111522

Tgt Ion: 95 Resp: 76028

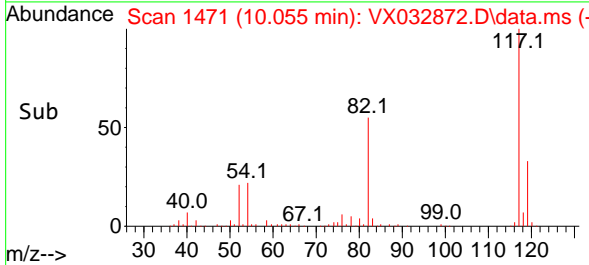
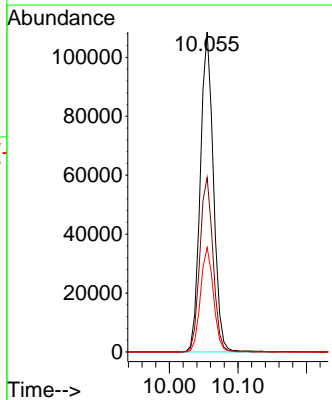
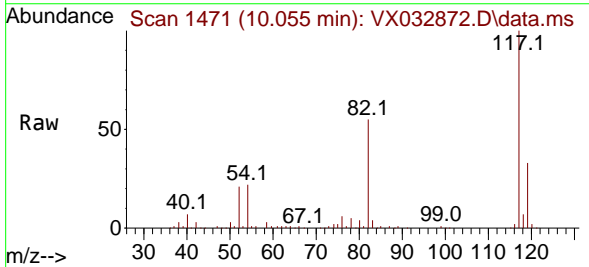
Ion	Ratio	Lower	Upper
95	100		
174	84.4	0.0	164.0
176	81.3	0.0	154.4

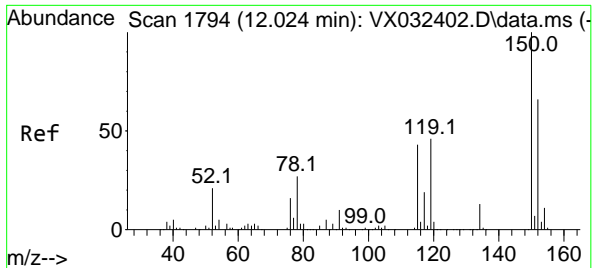


#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.055 min Scan# 1471
 Delta R.T. 0.000 min
 Lab File: VX032872.D
 Acq: 16 Nov 2022 16:47

Tgt Ion: 117 Resp: 144939

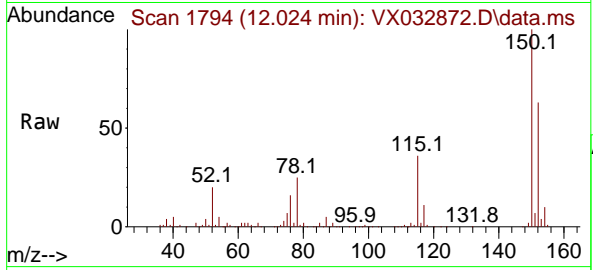
Ion	Ratio	Lower	Upper
117	100		
82	54.5	44.3	66.5
119	32.6	25.7	38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX032872.D
 Acq: 16 Nov 2022 16:47

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP111522



Tgt Ion:152 Resp: 65605

Ion	Ratio	Lower	Upper
152	100		
115	60.0	44.0	132.0
150	160.3	0.0	351.8

