

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101022\
 Data File : VX032016.D
 Acq On : 10 Oct 2022 16:41
 Operator : JC/MD
 Sample : N5054-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 510A-2

Quant Time: Oct 11 05:12:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 14:28:46 2022
 Response via : Initial Calibration

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

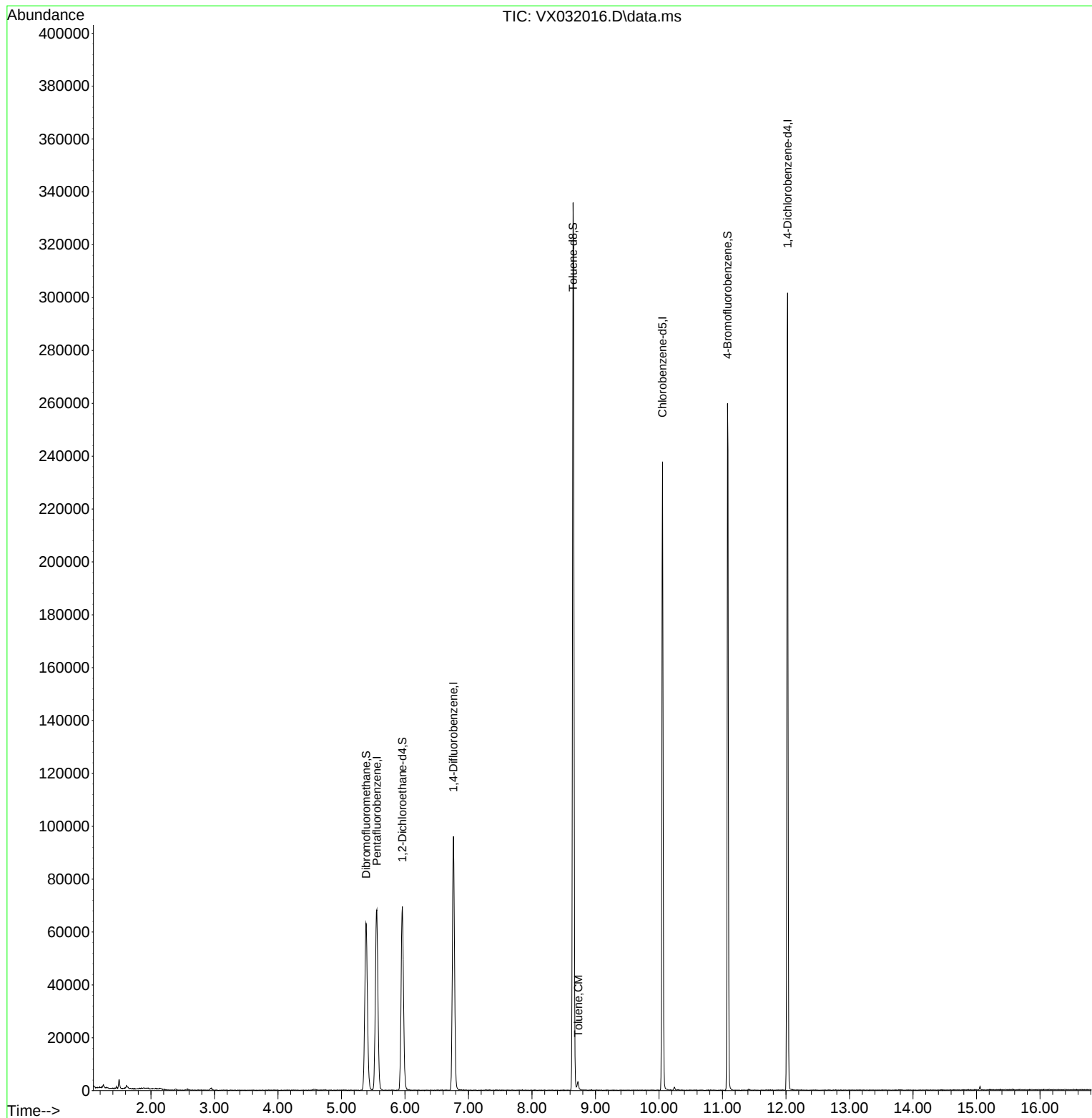
Internal Standards						
1) Pentafluorobenzene	5.556	168	63392	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	97735	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	103215	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	61674	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	64997	49.647	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.300%
35) Dibromofluoromethane	5.385	113	54136	48.934	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.860%
50) Toluene-d8	8.647	98	200351	50.328	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.660%
62) 4-Bromofluorobenzene	11.079	95	64414	45.770	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.540%
Target Compounds						
52) Toluene	8.726	92	1266	0.451	ug/l	Qvalue 98

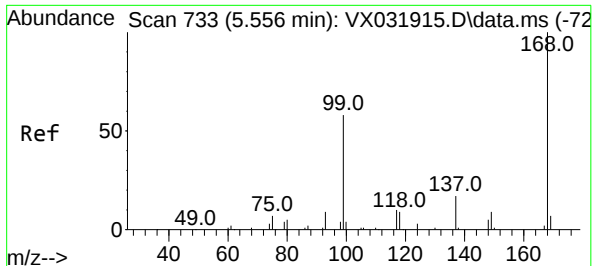
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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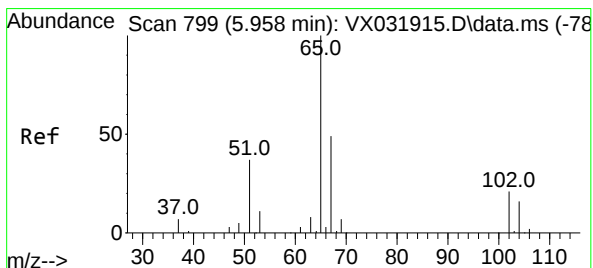
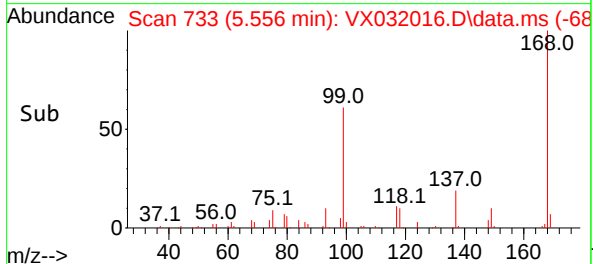
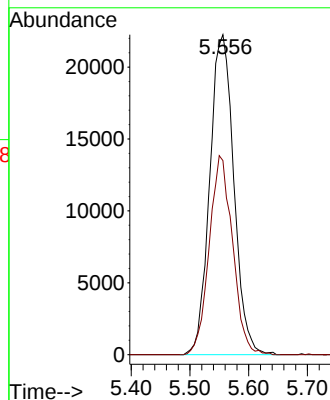
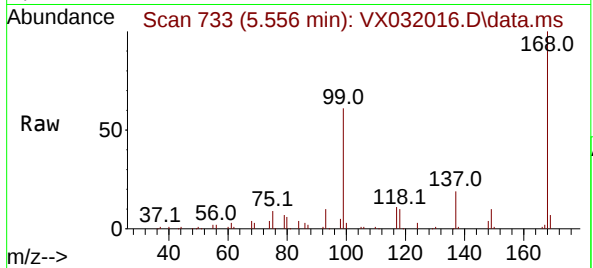




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.000 min
Lab File: VX032016.D
Acq: 10 Oct 2022 16:41

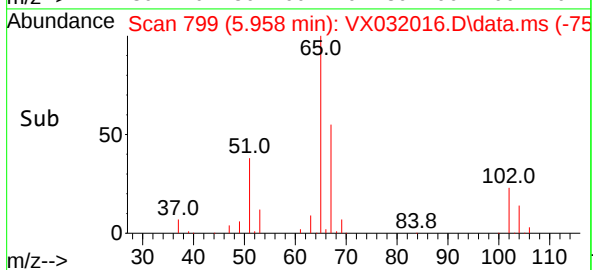
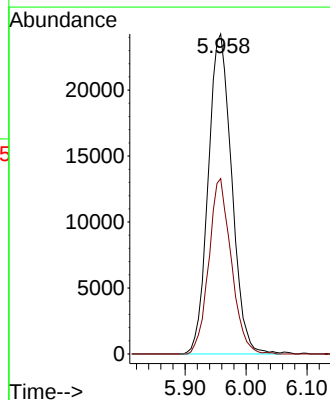
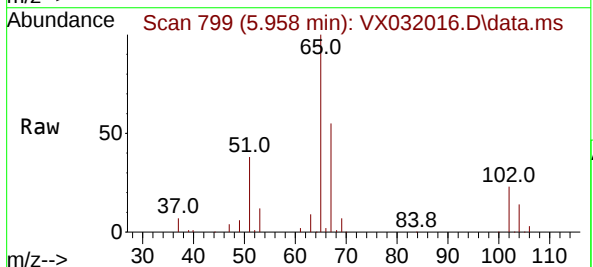
Instrument :
MSVOA_X
ClientSampleId :
510A-2

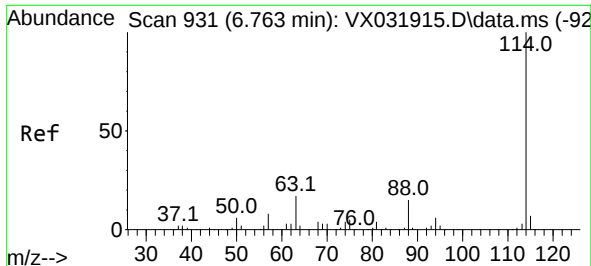
Tgt Ion:168 Resp: 63392
Ion Ratio Lower Upper
168 100
99 60.6 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 49.647 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX032016.D
Acq: 10 Oct 2022 16:41

Tgt Ion: 65 Resp: 64997
Ion Ratio Lower Upper
65 100
67 52.3 0.0 102.4

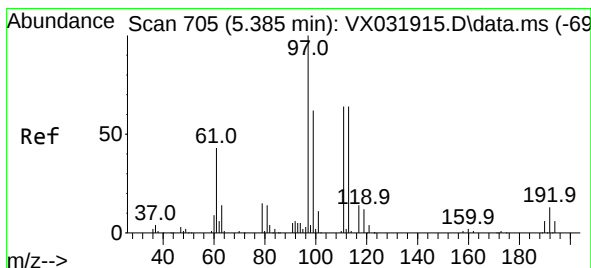
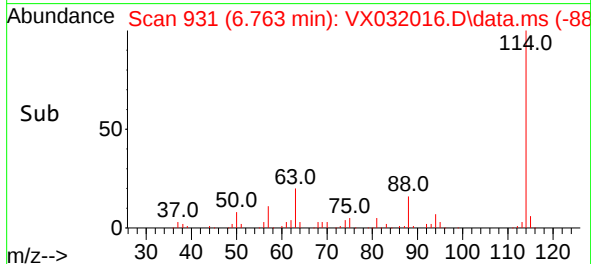
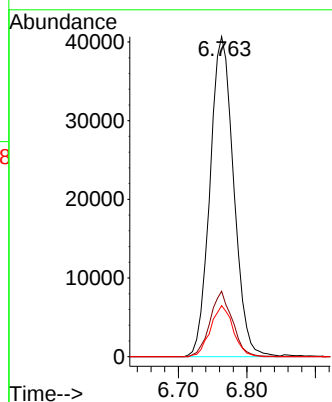
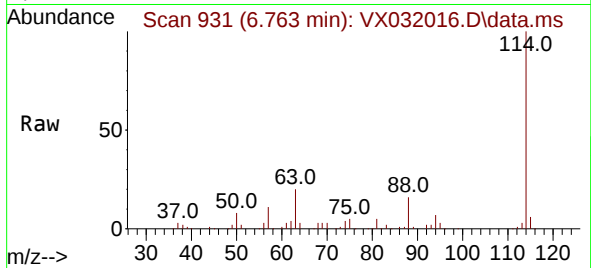




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX032016.D
Acq: 10 Oct 2022 16:41

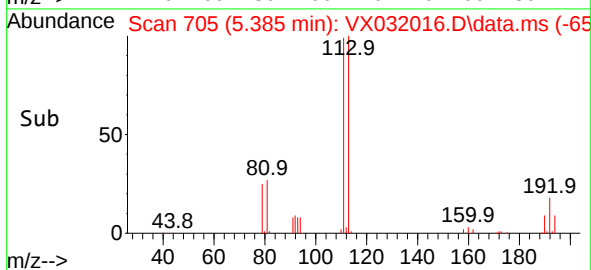
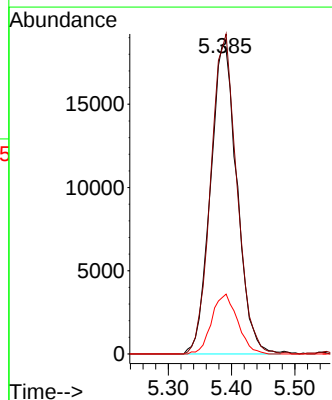
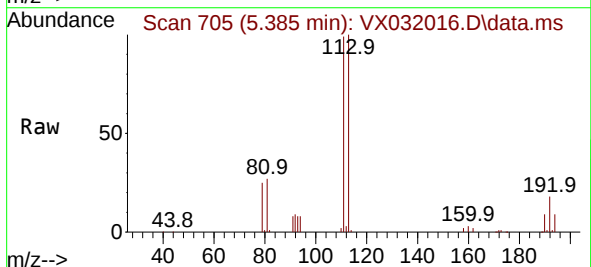
Instrument :
MSVOA_X
ClientSampleId :
510A-2

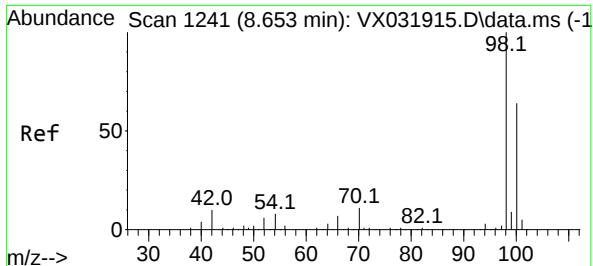
Tgt Ion:114 Resp: 97735
Ion Ratio Lower Upper
114 100
63 20.4 0.0 42.6
88 15.9 0.0 33.0



#35
Dibromofluoromethane
Concen: 48.934 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032016.D
Acq: 10 Oct 2022 16:41

Tgt Ion:113 Resp: 54136
Ion Ratio Lower Upper
113 100
111 101.2 82.4 123.6
192 18.8 14.1 21.1

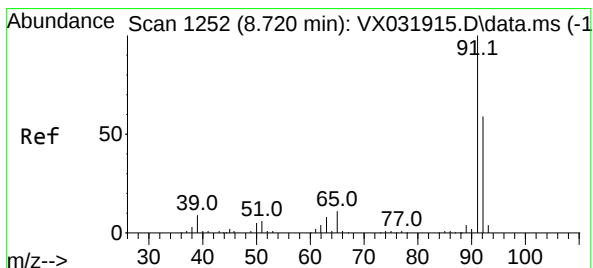
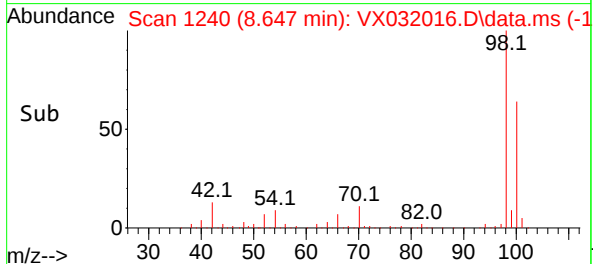
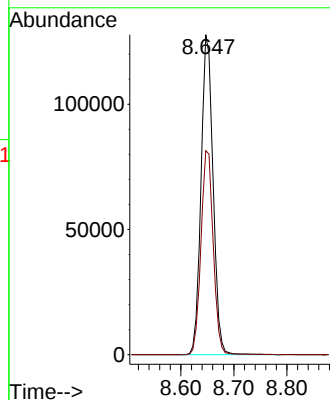
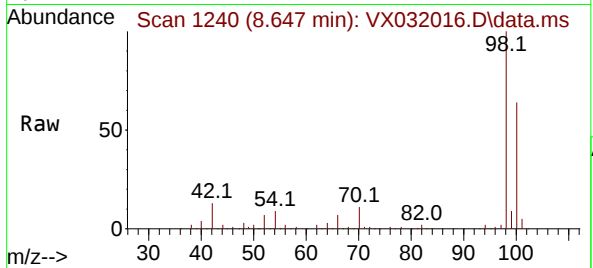




#50
Toluene-d8
Concen: 50.328 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032016.D
Acq: 10 Oct 2022 16:41

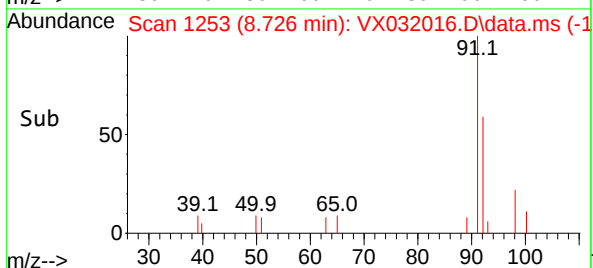
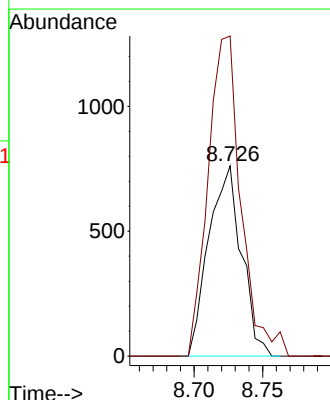
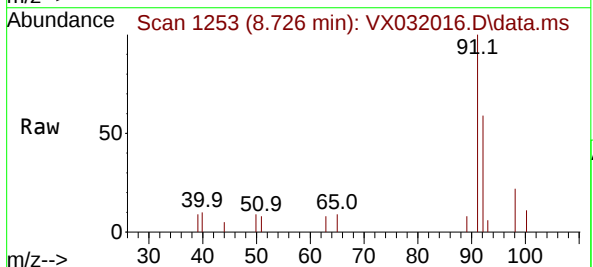
Instrument :
MSVOA_X
ClientSampleId :
510A-2

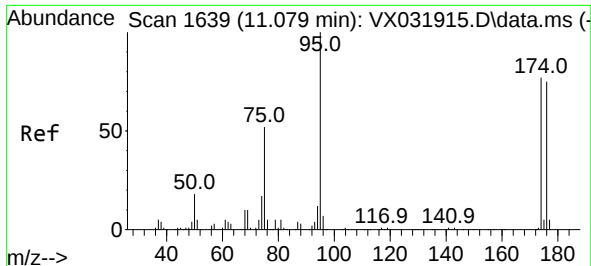
Tgt Ion: 98 Resp: 200351
Ion Ratio Lower Upper
98 100
100 65.0 52.5 78.7



#52
Toluene
Concen: 0.451 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX032016.D
Acq: 10 Oct 2022 16:41

Tgt Ion: 92 Resp: 1266
Ion Ratio Lower Upper
92 100
91 169.1 137.1 205.7

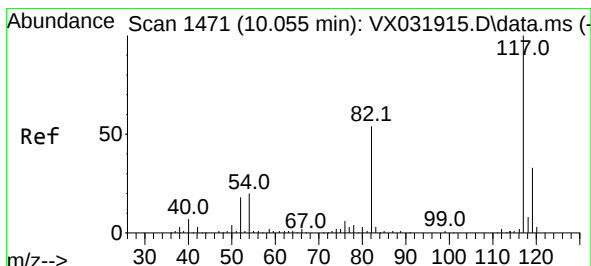
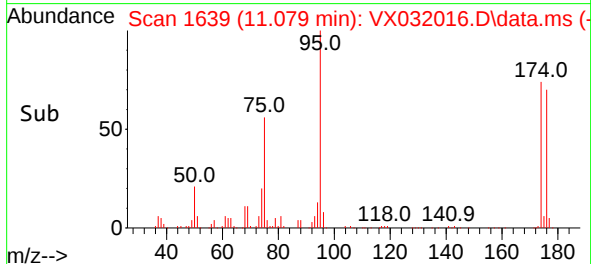
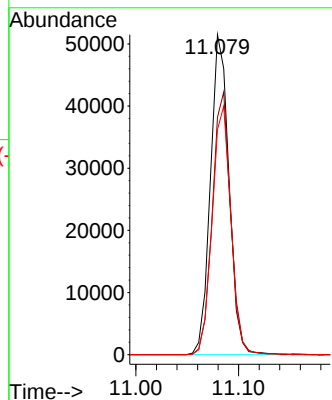
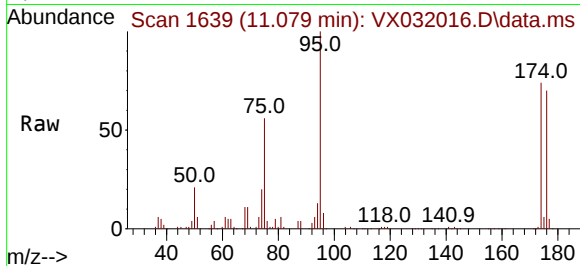




#62
4-Bromofluorobenzene
Concen: 45.770 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX032016.D
Acq: 10 Oct 2022 16:41

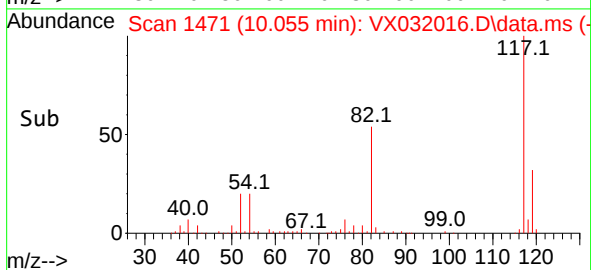
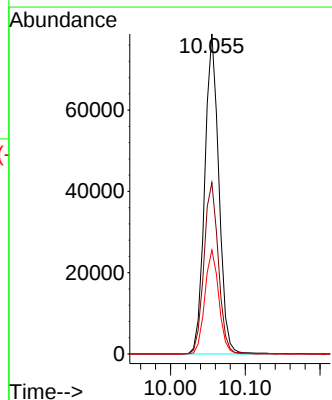
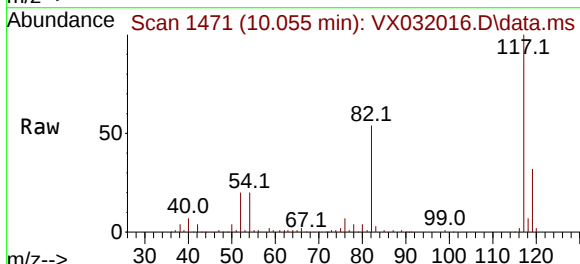
Instrument :
MSVOA_X
ClientSampleId :
510A-2

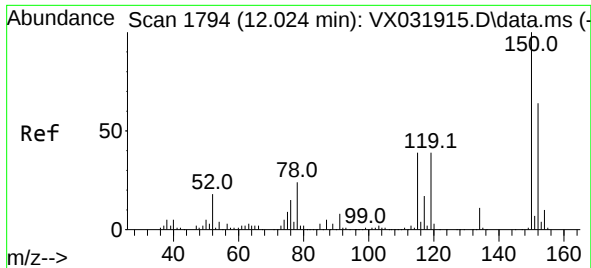
Tgt Ion: 95 Resp: 64414
Ion Ratio Lower Upper
95 100
174 81.3 0.0 153.2
176 78.4 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032016.D
Acq: 10 Oct 2022 16:41

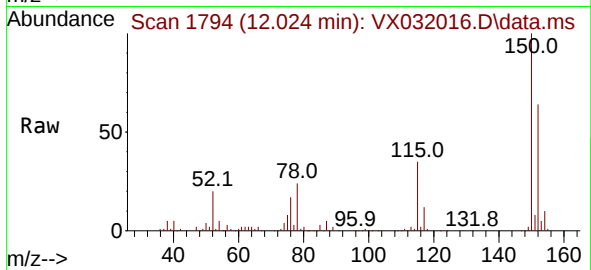
Tgt Ion: 117 Resp: 103215
Ion Ratio Lower Upper
117 100
82 53.5 46.8 70.2
119 32.4 26.4 39.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX032016.D
 Acq: 10 Oct 2022 16:41

Instrument :
 MSVOA_X
 ClientSampleId :
 510A-2



Tgt Ion:152 Resp: 61674
 Ion Ratio Lower Upper
 152 100
 115 57.9 43.4 130.1
 150 158.0 0.0 346.8

