

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091622\
 Data File : VX031417.D
 Acq On : 16 Sep 2022 17:59
 Operator : JC/MD
 Sample : N4526-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MID-0907

Quant Time: Sep 17 02:06:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091422W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 01:50:07 2022
 Response via : Initial Calibration

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

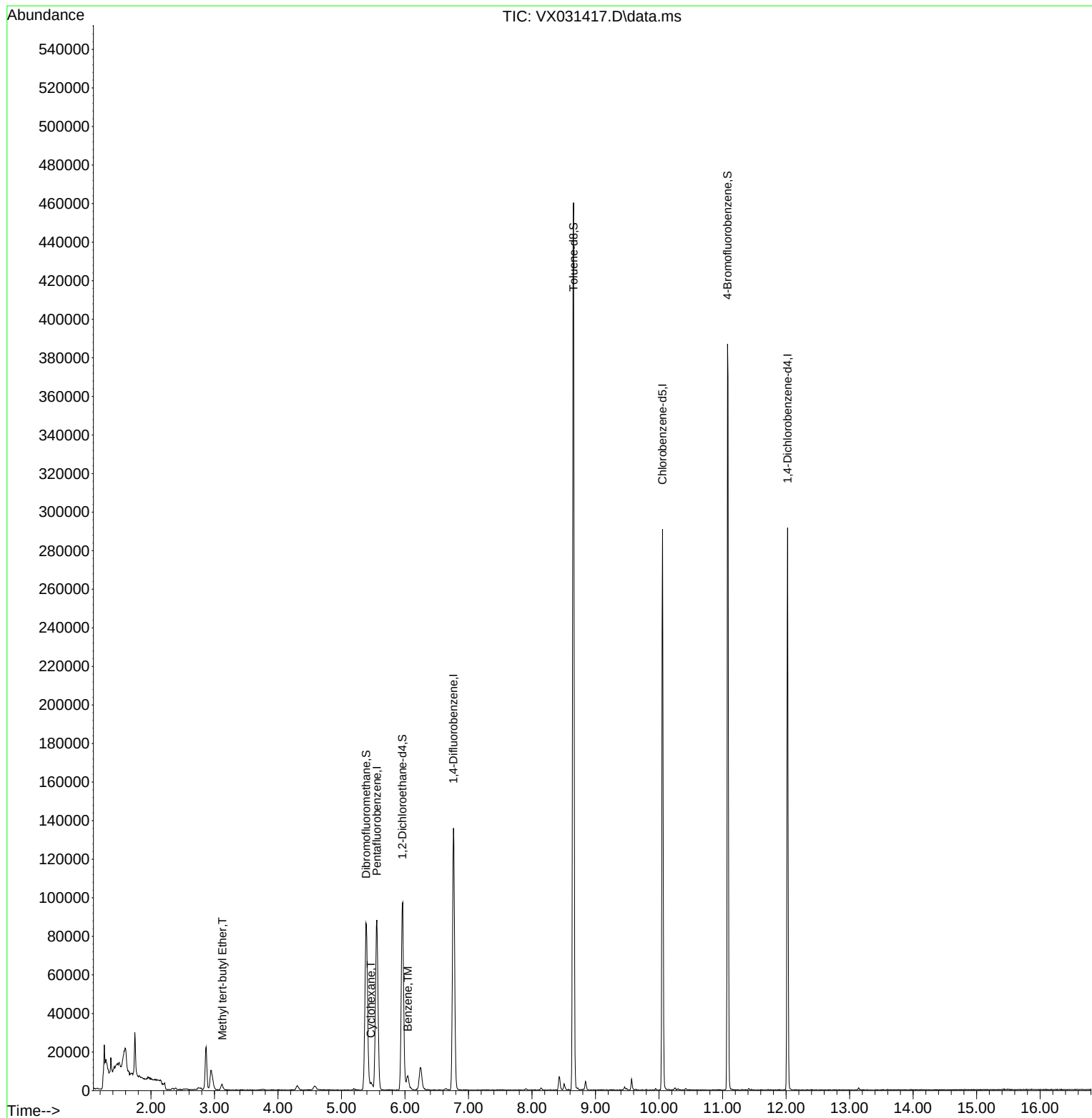
Internal Standards						
1) Pentafluorobenzene	5.556	168	83145	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	136516	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	122816	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	53826	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	85888	42.085	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	84.160%
35) Dibromofluoromethane	5.385	113	71530	48.744	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.480%
50) Toluene-d8	8.653	98	272499	49.504	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.000%
62) 4-Bromofluorobenzene	11.079	95	89177	44.240	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.480%
Target Compounds						
					Qvalue	
19) Methyl tert-butyl Ether	3.123	73	3142	0.584	ug/l	99
31) Cyclohexane	5.464	56	2395	1.092	ug/l	97
40) Benzene	6.044	78	8390	1.455	ug/l	94

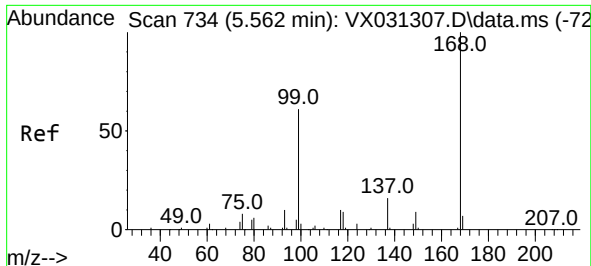
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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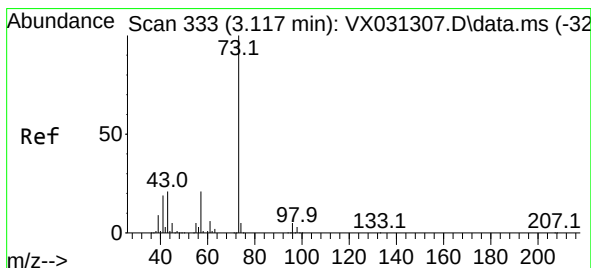
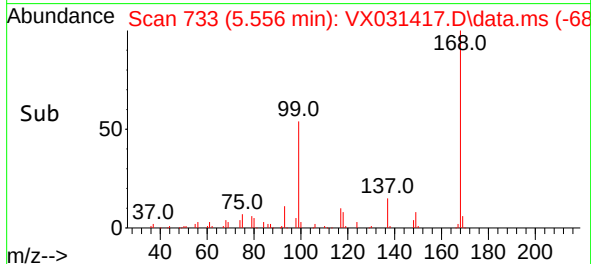
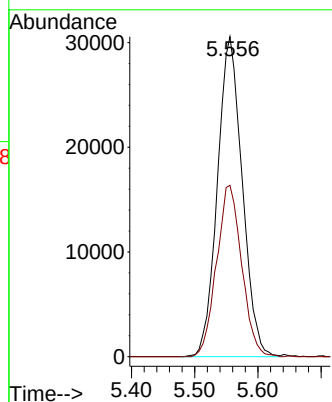
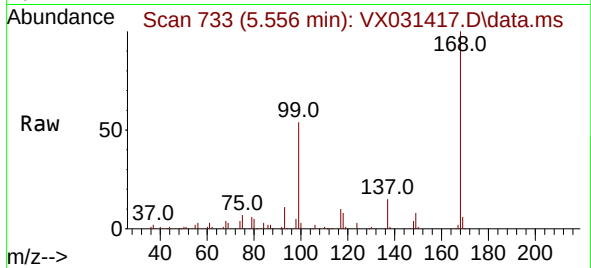




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.006 min
Lab File: VX031417.D
Acq: 16 Sep 2022 17:59

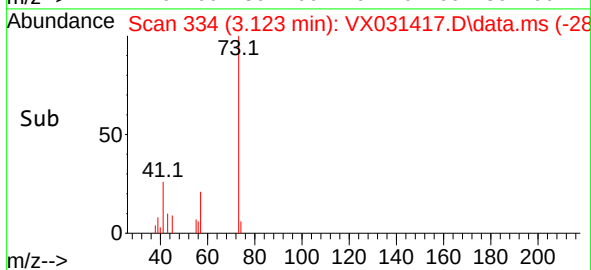
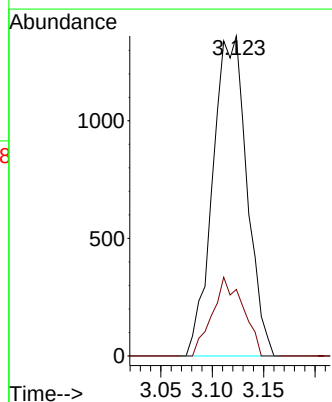
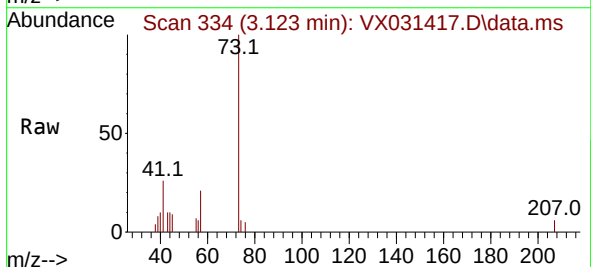
Instrument :
MSVOA_X
ClientSampleId :
MID-0907

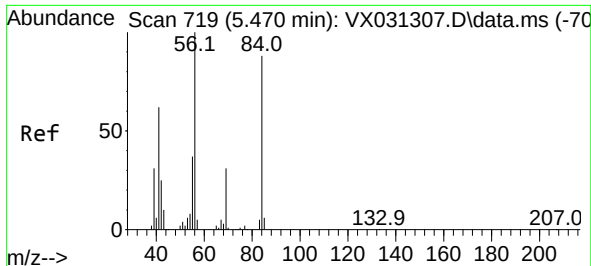
Tgt Ion:168 Resp: 83145
Ion Ratio Lower Upper
168 100
99 53.5 48.8 73.2



#19
Methyl tert-butyl Ether
Concen: 0.584 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.006 min
Lab File: VX031417.D
Acq: 16 Sep 2022 17:59

Tgt Ion: 73 Resp: 3142
Ion Ratio Lower Upper
73 100
57 20.8 17.2 25.8

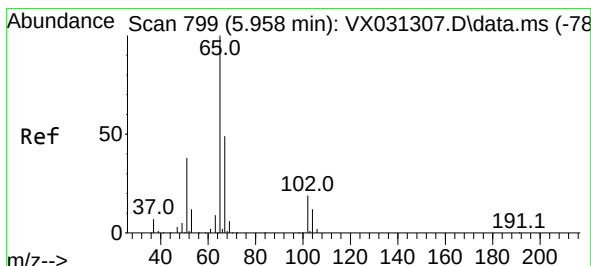
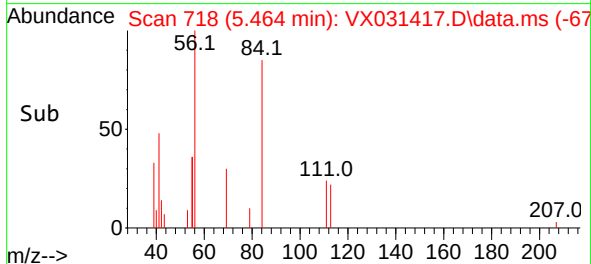
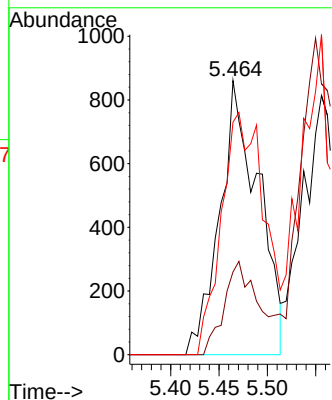
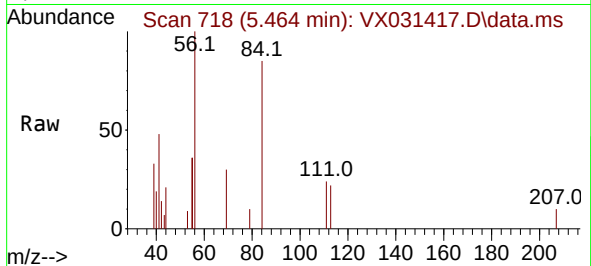




#31
Cyclohexane
Concen: 1.092 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX031417.D
Acq: 16 Sep 2022 17:59

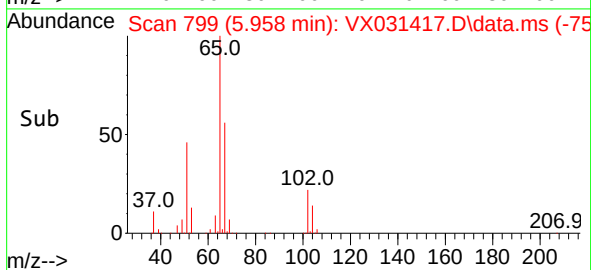
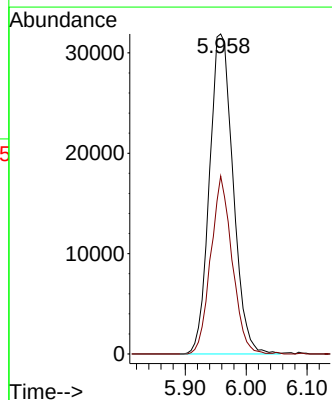
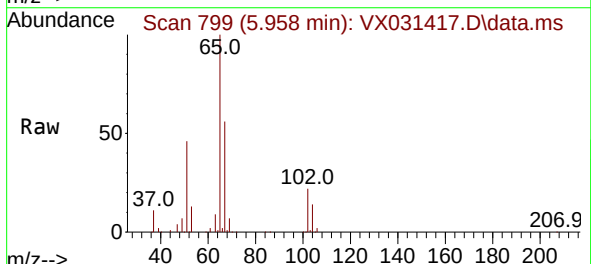
Instrument :
MSVOA_X
ClientSampleId :
MID-0907

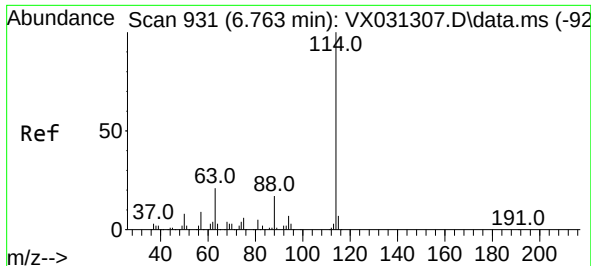
Tgt Ion: 56 Resp: 2395
Ion Ratio Lower Upper
56 100
69 30.2 25.1 37.7
84 84.8 70.2 105.4



#33
1,2-Dichloroethane-d4
Concen: 42.085 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031417.D
Acq: 16 Sep 2022 17:59

Tgt Ion: 65 Resp: 85888
Ion Ratio Lower Upper
65 100
67 50.3 0.0 102.4

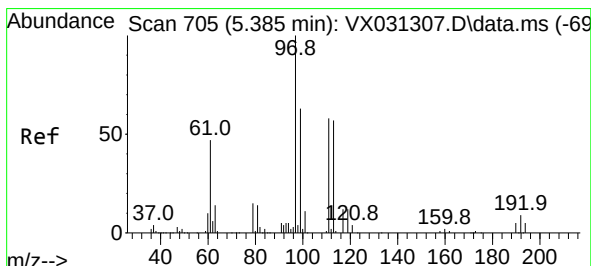
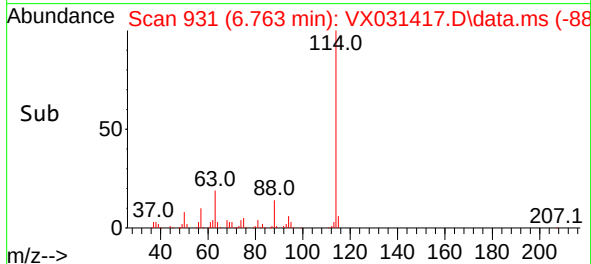
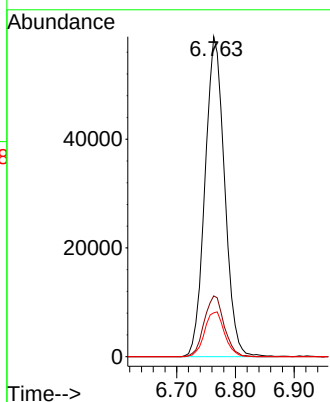
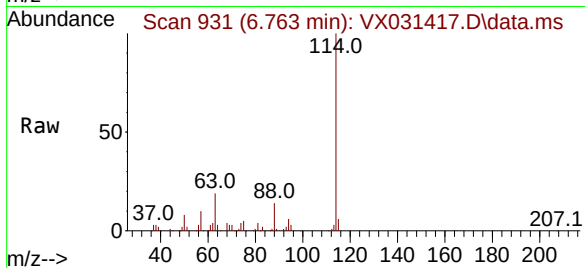




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX031417.D
Acq: 16 Sep 2022 17:59

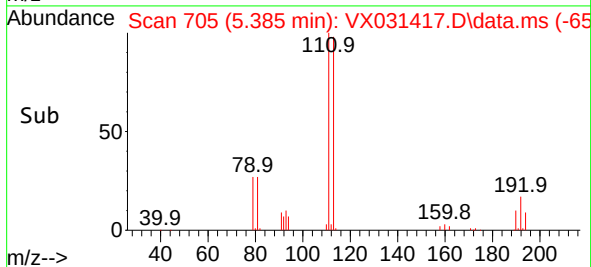
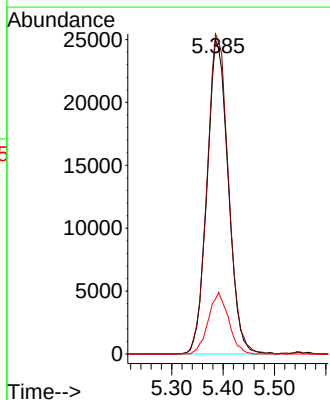
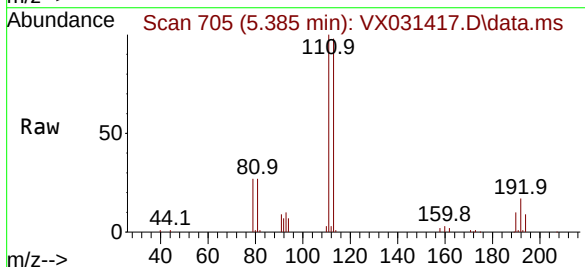
Instrument :
MSVOA_X
ClientSampleId :
MID-0907

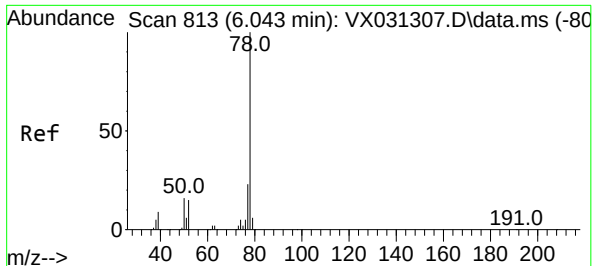
Tgt Ion:114 Resp: 136516
Ion Ratio Lower Upper
114 100
63 19.0 0.0 42.6
88 13.7 0.0 33.0



#35
Dibromofluoromethane
Concen: 48.744 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX031417.D
Acq: 16 Sep 2022 17:59

Tgt Ion:113 Resp: 71530
Ion Ratio Lower Upper
113 100
111 103.0 82.4 123.6
192 18.7 14.1 21.1





#40

Benzene

Concen: 1.455 ug/l

RT: 6.044 min Scan# 813

Delta R.T. 0.000 min

Lab File: VX031417.D

Acq: 16 Sep 2022 17:59

Instrument :

MSVOA_X

ClientSampleId :

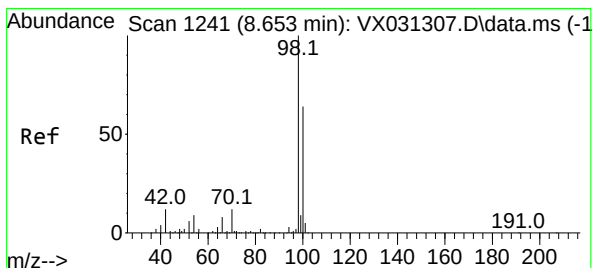
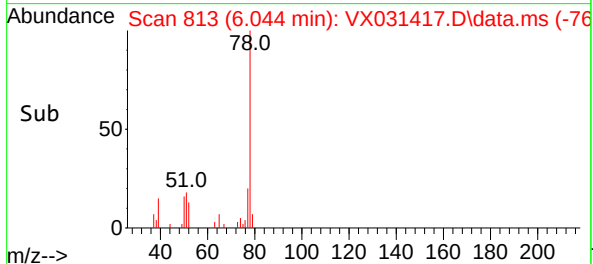
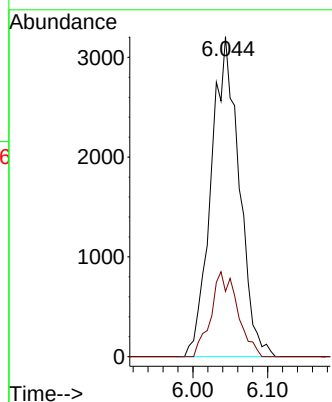
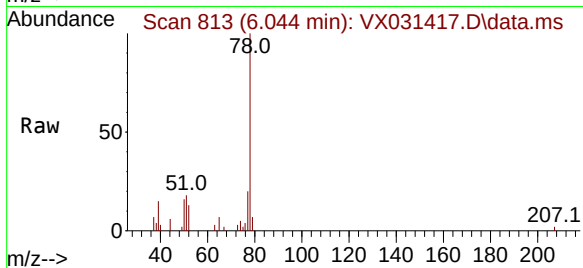
MID-0907

Tgt Ion: 78 Resp: 8390

Ion Ratio Lower Upper

78 100

77 20.4 18.7 28.1



#50

Toluene-d8

Concen: 49.504 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX031417.D

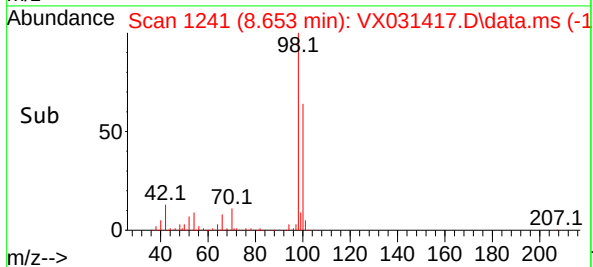
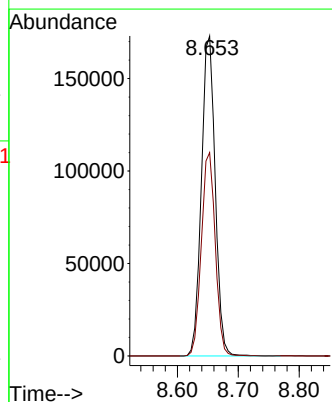
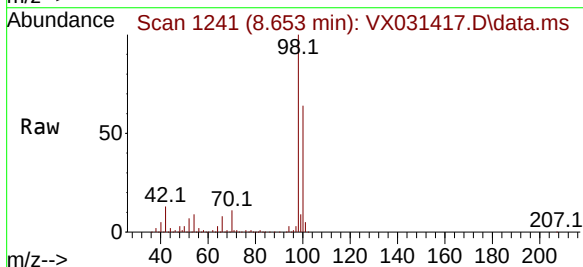
Acq: 16 Sep 2022 17:59

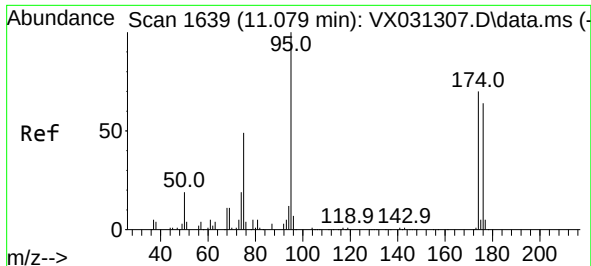
Tgt Ion: 98 Resp: 272499

Ion Ratio Lower Upper

98 100

100 64.2 52.5 78.7

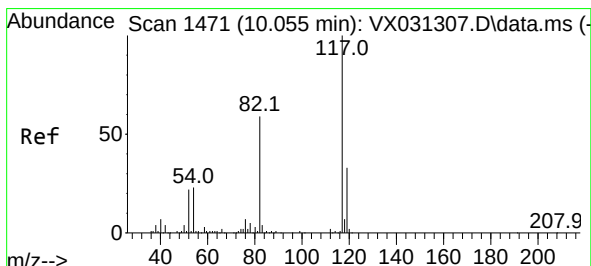
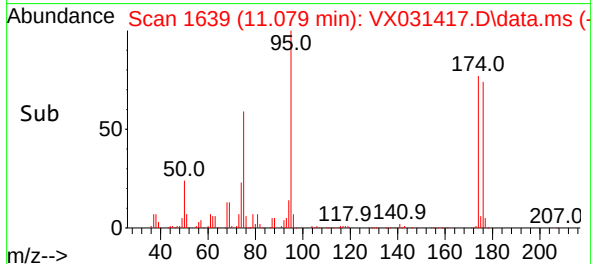
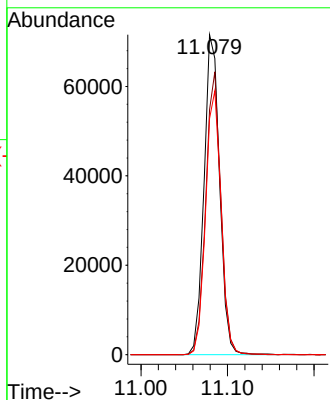
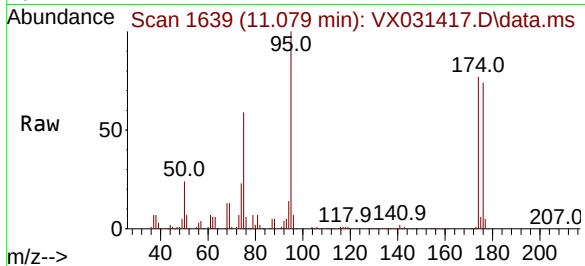




#62
4-Bromofluorobenzene
Concen: 44.240 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031417.D
Acq: 16 Sep 2022 17:59

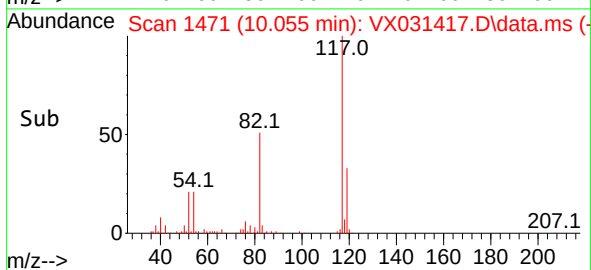
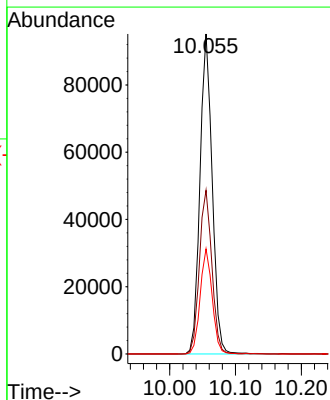
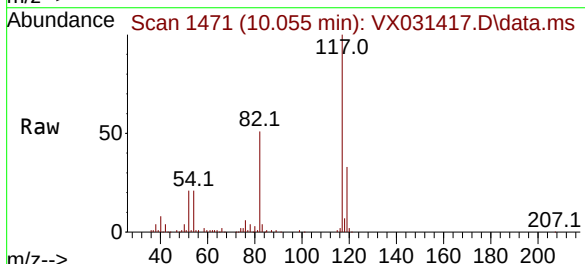
Instrument :
MSVOA_X
ClientSampleId :
MID-0907

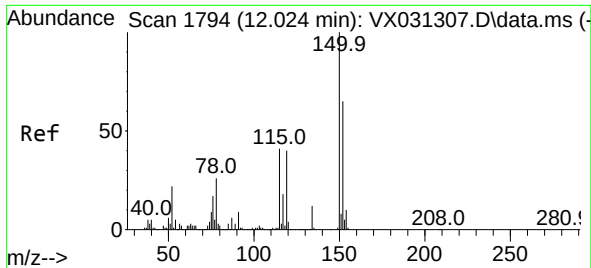
Tgt Ion: 95 Resp: 89177
Ion Ratio Lower Upper
95 100
174 86.6 0.0 153.2
176 82.5 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031417.D
Acq: 16 Sep 2022 17:59

Tgt Ion: 117 Resp: 122816
Ion Ratio Lower Upper
117 100
82 51.1 46.8 70.2
119 32.9 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: VX031417.D
 Acq: 16 Sep 2022 17:59

Instrument :
 MSVOA_X
 ClientSampleId :
 MID-0907

Tgt Ion:152 Resp: 53826
 Ion Ratio Lower Upper
 152 100
 115 58.8 43.4 130.1
 150 160.7 0.0 346.8

