

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082622\
 Data File : VX030816.D
 Acq On : 26 Aug 2022 11:54
 Operator : JC/MD
 Sample : N4245-05DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW179D-20220816DL

Quant Time: Aug 27 02:38:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 26 02:03:28 2022
 Response via : Initial Calibration

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

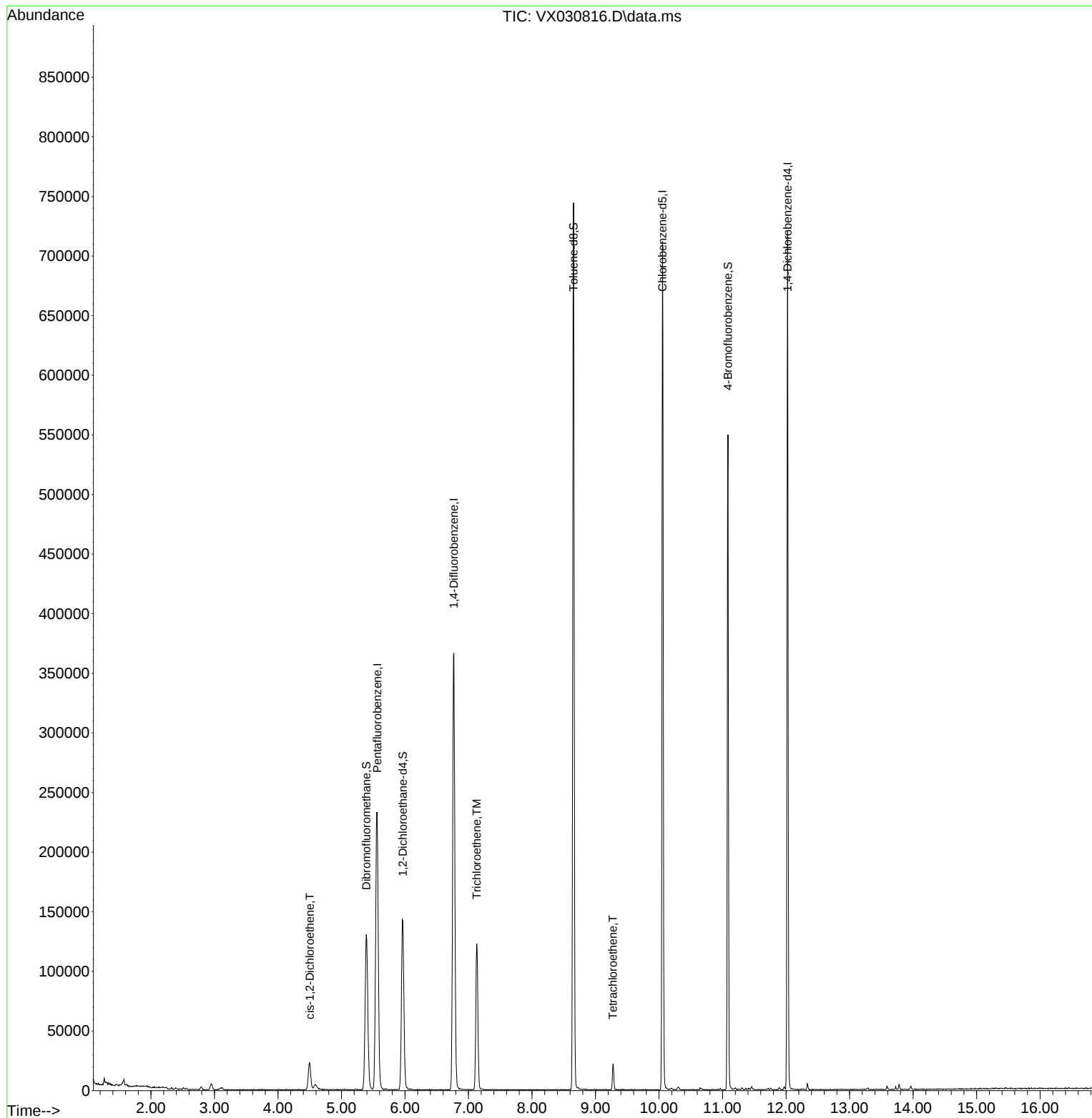
Internal Standards						
1) Pentafluorobenzene	5.562	168	230543	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	386602	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	333387	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	140388	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	138431	51.048	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.100%
35) Dibromofluoromethane	5.391	113	118662	49.942	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.880%
50) Toluene-d8	8.653	98	447207	54.014	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	108.020%
62) 4-Bromofluorobenzene	11.085	95	144508	46.881	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.760%
Target Compounds						
						Qvalue
27) cis-1,2-Dichloroethene	4.501	96	14760	5.322	ug/l	95
44) Trichloroethene	7.129	130	51367	18.368	ug/l	99
64) Tetrachloroethene	9.275	164	4193	1.597	ug/l	99

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

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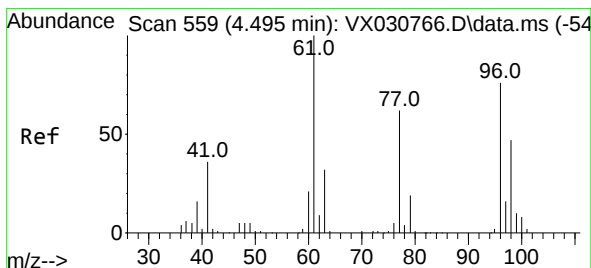
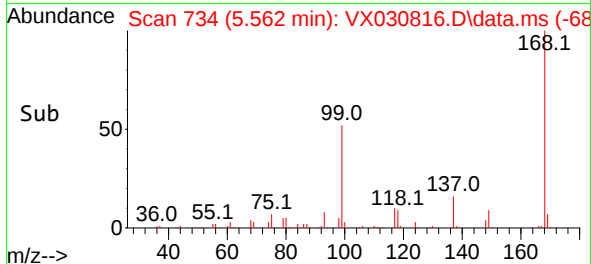
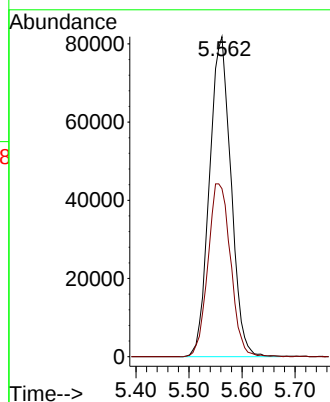
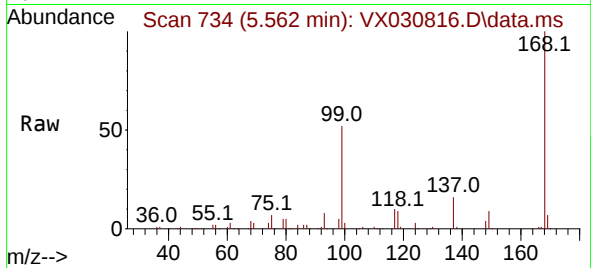




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX030816.D
Acq: 26 Aug 2022 11:54

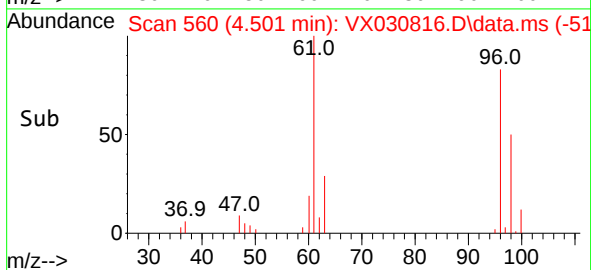
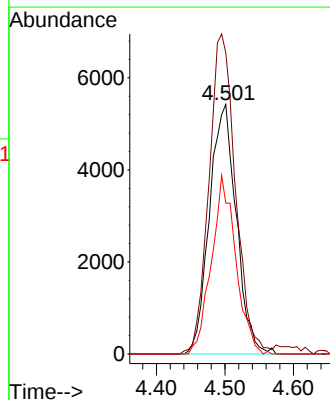
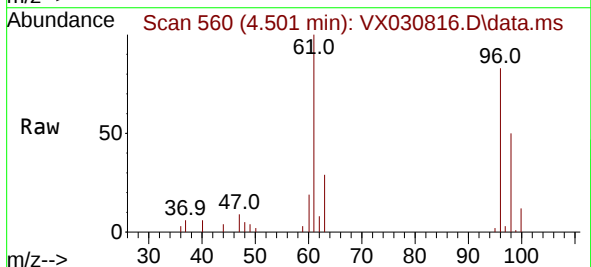
Instrument :
MSVOA_X
ClientSampleId :
MW179D-20220816DL

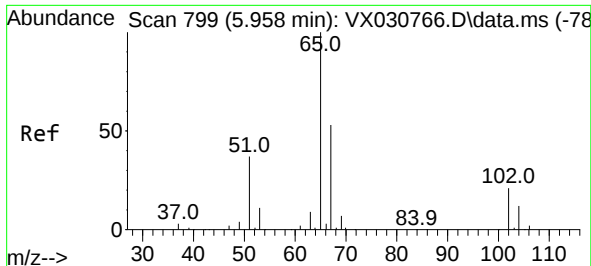
Tgt Ion:168 Resp: 230543
Ion Ratio Lower Upper
168 100
99 52.5 44.0 66.0



#27
cis-1,2-Dichloroethene
Concen: 5.322 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.006 min
Lab File: VX030816.D
Acq: 26 Aug 2022 11:54

Tgt Ion: 96 Resp: 14760
Ion Ratio Lower Upper
96 100
61 126.5 0.0 270.0
98 64.7 0.0 127.8





#33

1,2-Dichloroethane-d4

Concen: 51.048 ug/l

RT: 5.964 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX030816.D

Acq: 26 Aug 2022 11:54

Instrument :

MSVOA_X

ClientSampleId :

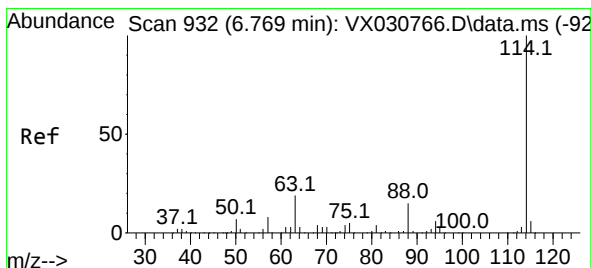
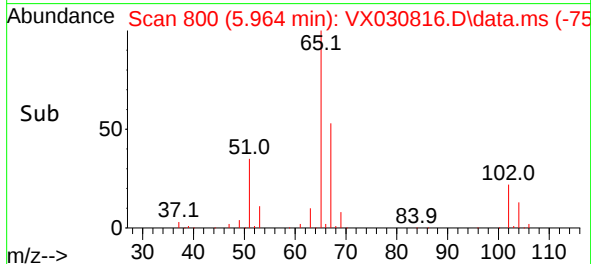
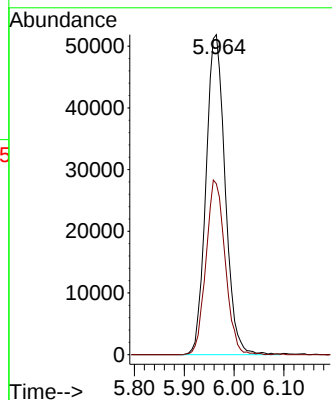
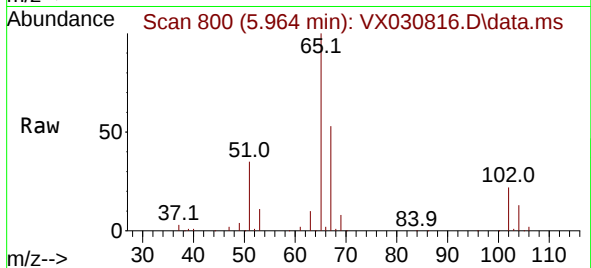
MW179D-20220816DL

Tgt Ion: 65 Resp: 138431

Ion Ratio Lower Upper

65 100

67 54.6 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX030816.D

Acq: 26 Aug 2022 11:54

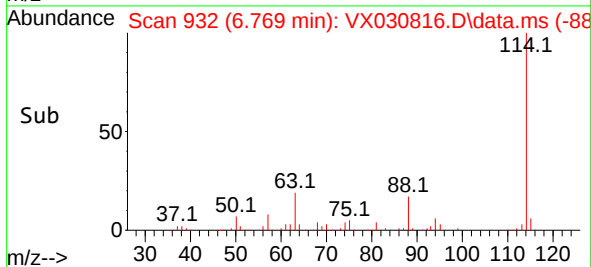
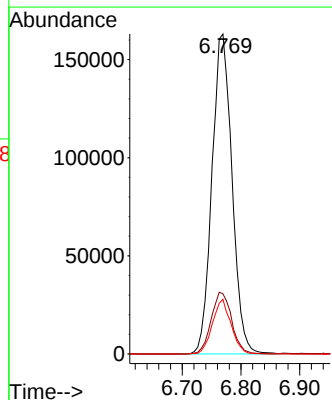
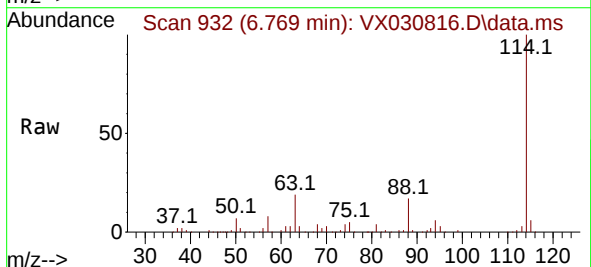
Tgt Ion: 114 Resp: 386602

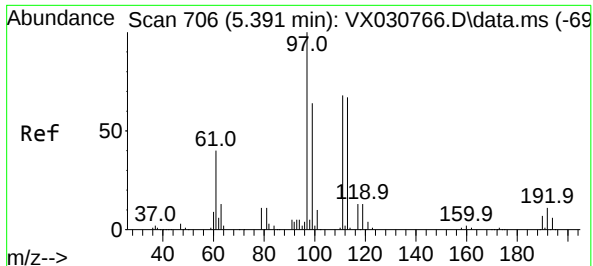
Ion Ratio Lower Upper

114 100

63 18.8 0.0 38.4

88 17.1 0.0 31.8





#35

Dibromofluoromethane

Concen: 49.942 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX030816.D

Acq: 26 Aug 2022 11:54

Instrument :

MSVOA_X

ClientSampleId :

MW179D-20220816DL

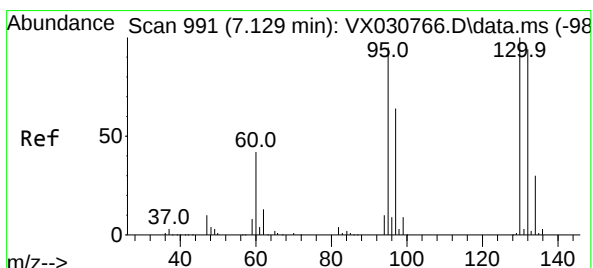
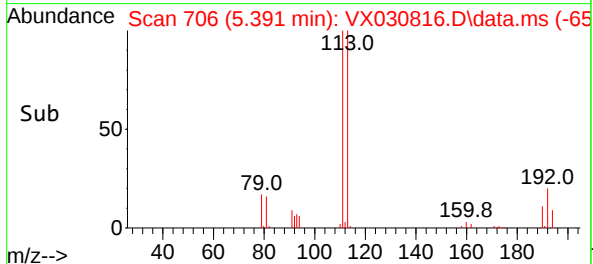
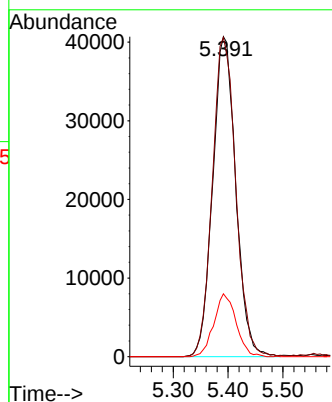
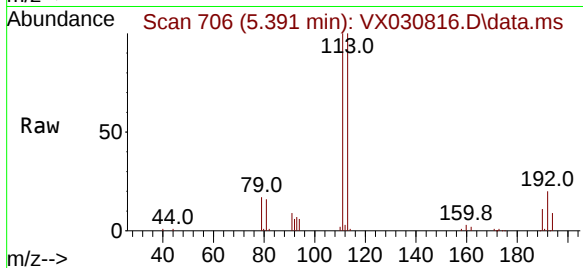
Tgt Ion:113 Resp: 118662

Ion Ratio Lower Upper

113 100

111 101.4 83.2 124.8

192 19.0 14.8 22.2



#44

Trichloroethene

Concen: 18.368 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX030816.D

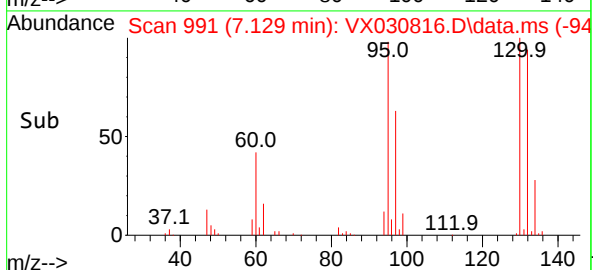
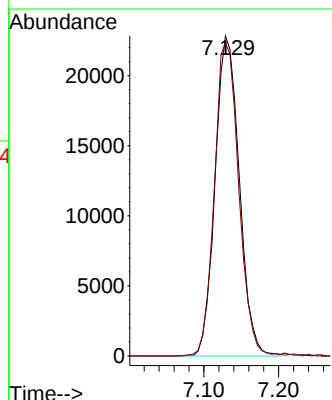
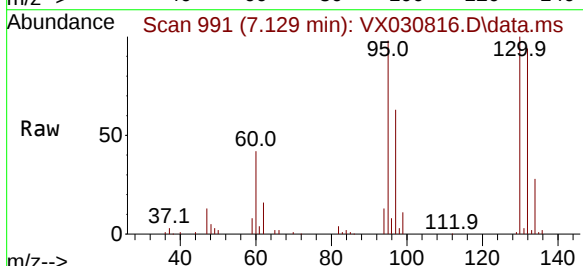
Acq: 26 Aug 2022 11:54

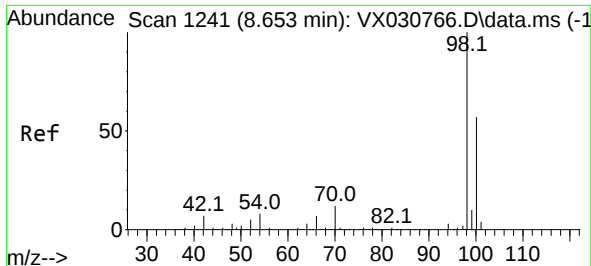
Tgt Ion:130 Resp: 51367

Ion Ratio Lower Upper

130 100

95 97.9 0.0 194.8

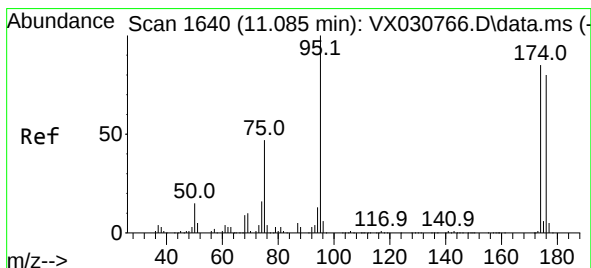
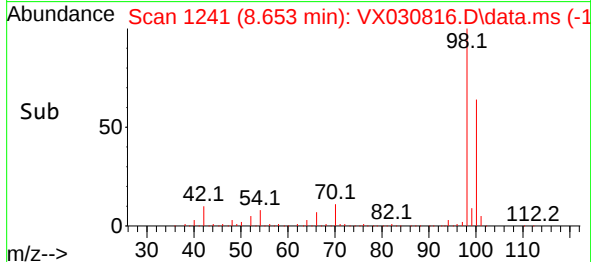
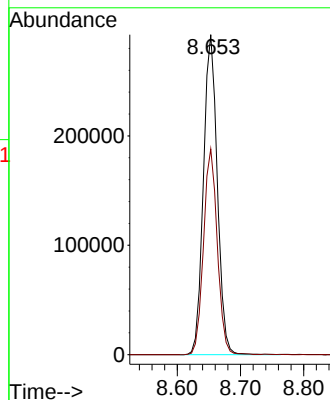
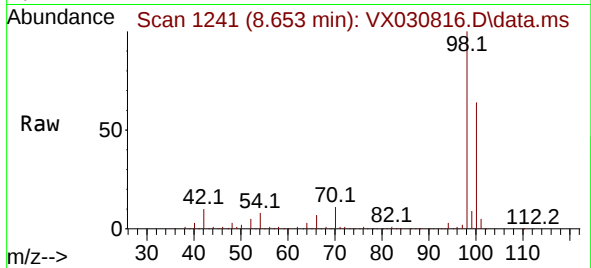




#50
Toluene-d8
Concen: 54.014 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX030816.D
Acq: 26 Aug 2022 11:54

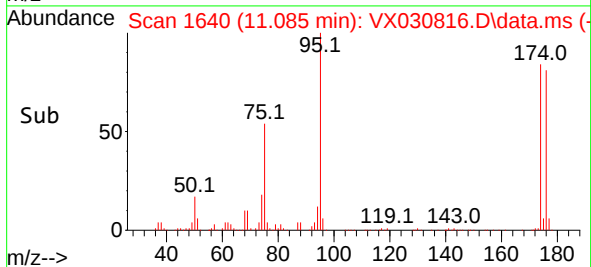
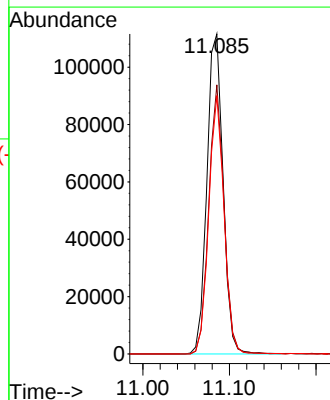
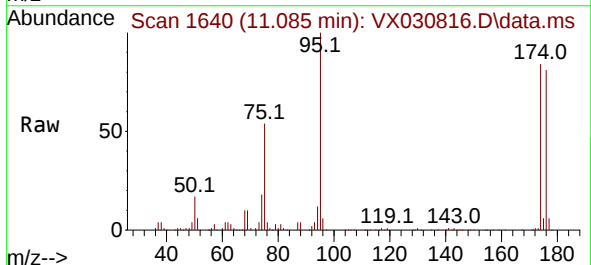
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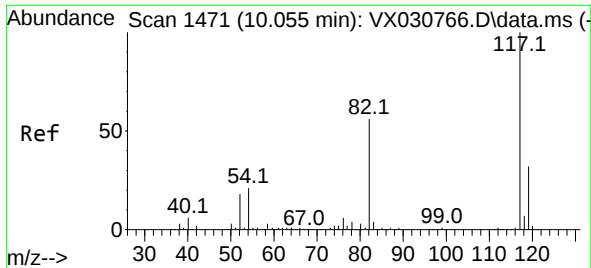
Tgt Ion: 98 Resp: 447207
Ion Ratio Lower Upper
98 100
100 63.8 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 46.881 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX030816.D
Acq: 26 Aug 2022 11:54

Tgt Ion: 95 Resp: 144508
Ion Ratio Lower Upper
95 100
174 79.8 0.0 149.0
176 76.5 0.0 146.0

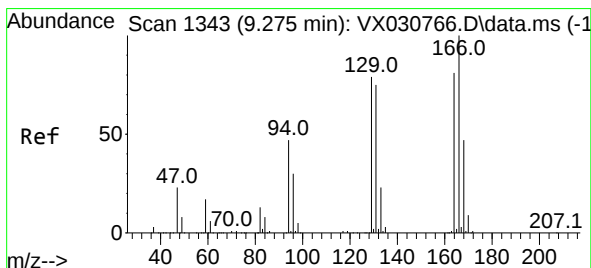
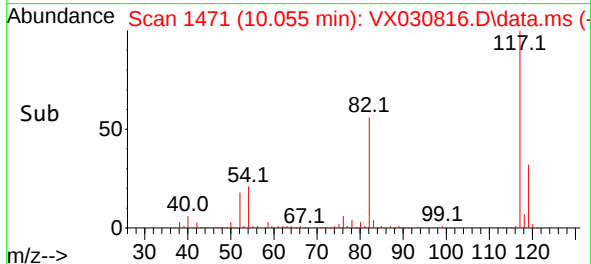
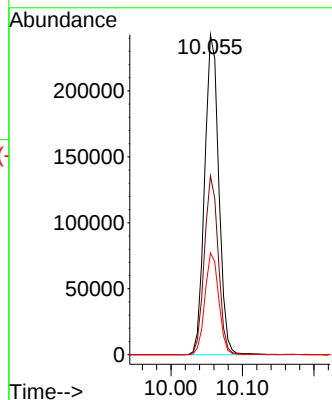
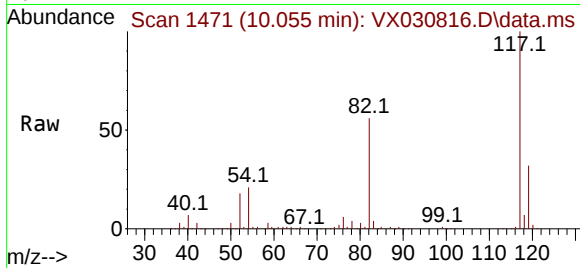




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030816.D
Acq: 26 Aug 2022 11:54

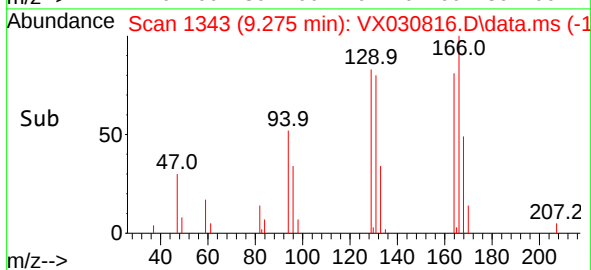
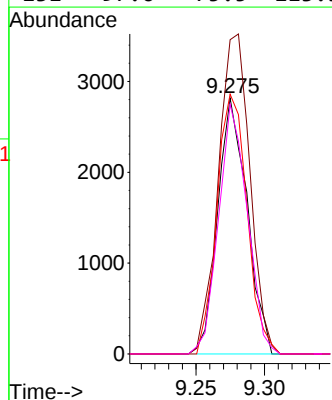
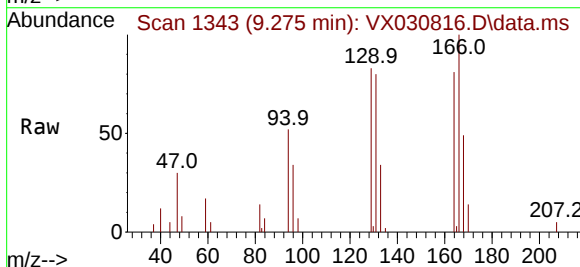
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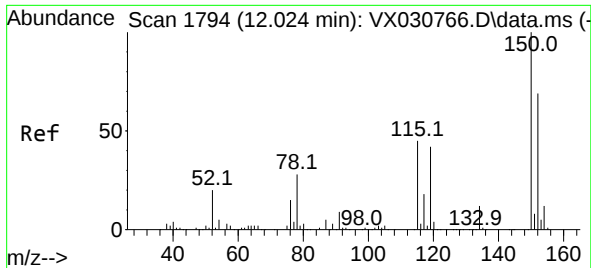
Tgt Ion:117 Resp: 333387
Ion Ratio Lower Upper
117 100
82 55.9 42.7 64.1
119 31.8 25.4 38.2



#64
Tetrachloroethene
Concen: 1.597 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX030816.D
Acq: 26 Aug 2022 11:54

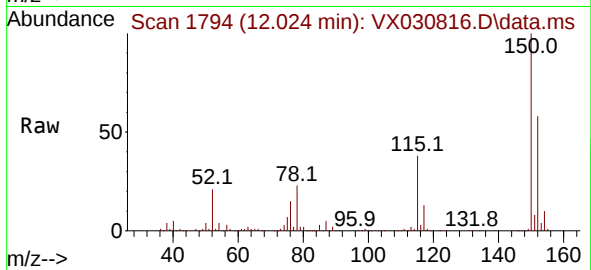
Tgt Ion:164 Resp: 4193
Ion Ratio Lower Upper
164 100
166 122.8 98.2 147.4
129 101.6 80.8 121.2
131 97.6 75.5 113.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX030816.D
 Acq: 26 Aug 2022 11:54

Instrument :
 MSVOA_X
 ClientSampleId :
 MW179D-20220816DL



Tgt Ion:152 Resp: 140388
 Ion Ratio Lower Upper
 152 100
 115 62.1 40.5 121.5
 150 165.4 0.0 347.0

