

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083123\
 Data File : VY015399.D
 Acq On : 31 Aug 2023 13:28
 Operator : SY/MD
 Sample : 04202-01
 Misc : 6.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 C-1

Quant Time: Sep 01 00:46:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

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

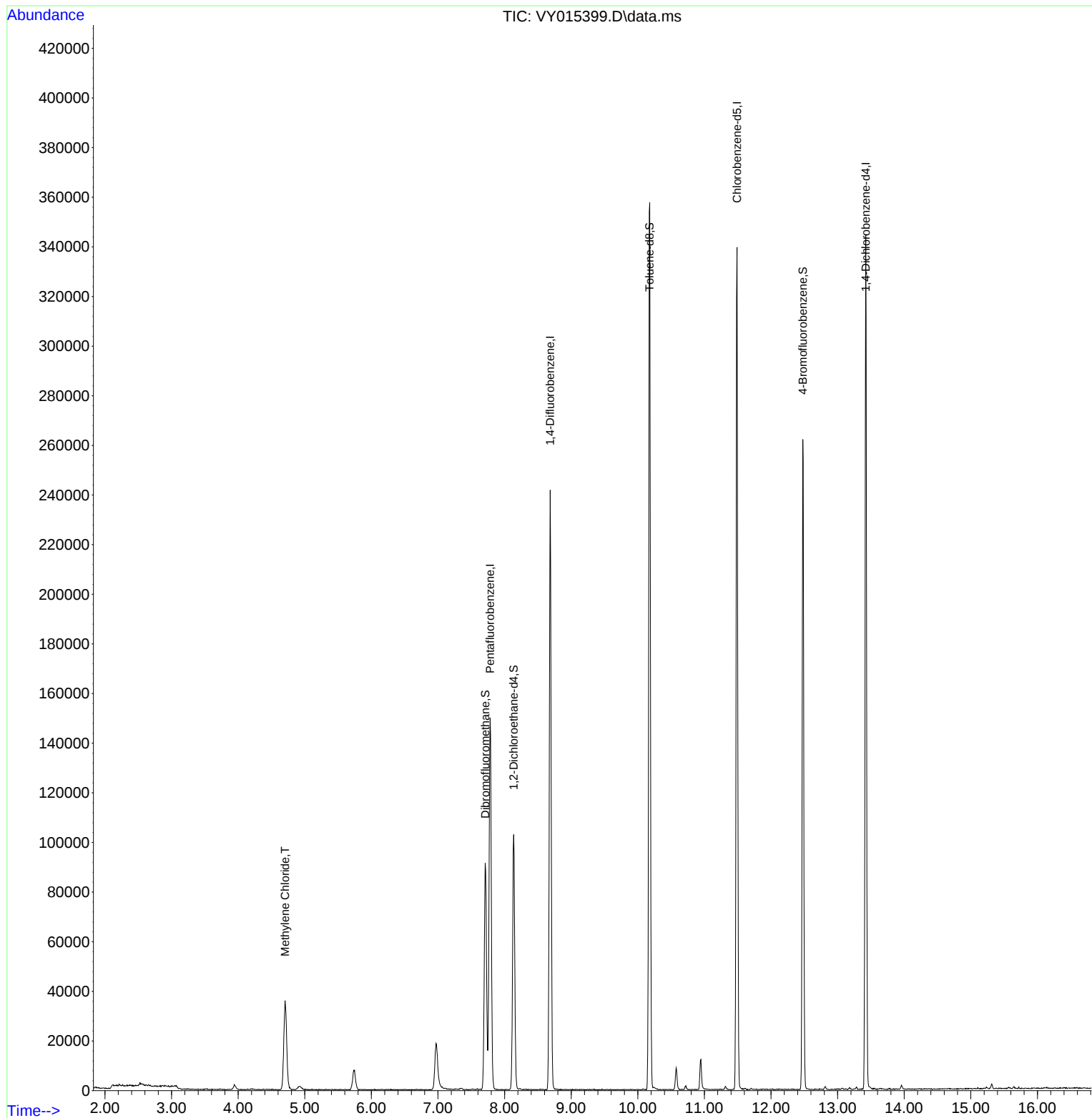
Internal Standards						
1) Pentafluorobenzene	7.783	168	118191	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	202137	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	182684	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	86876	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	79353	62.631	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.260%	
35) Dibromofluoromethane	7.710	113	65206	56.006	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.020%	
50) Toluene-d8	10.179	98	237992	56.446	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.900%	
62) 4-Bromofluorobenzene	12.477	95	77495	49.511	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 99.020%	
Target Compounds						
20) Methylene Chloride	4.704	84	26846	10.703	ug/l	Qvalue 92

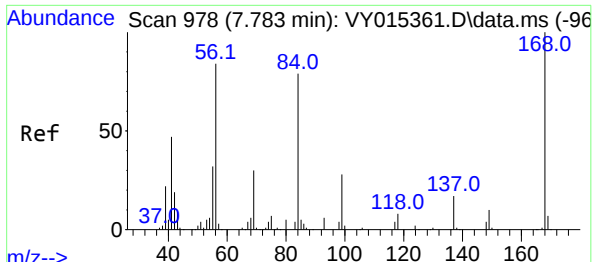
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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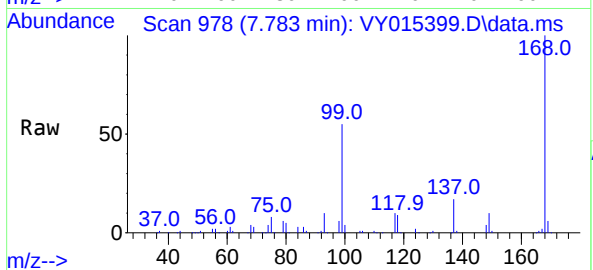
Quant Time: Sep 01 00:46:08 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 31 20:01:47 2023
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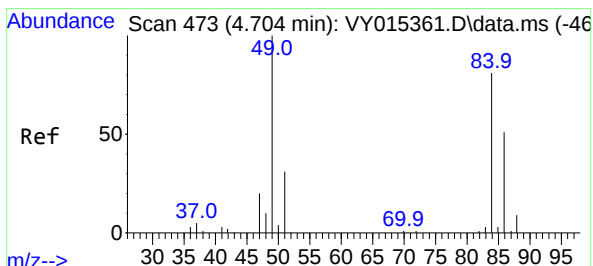
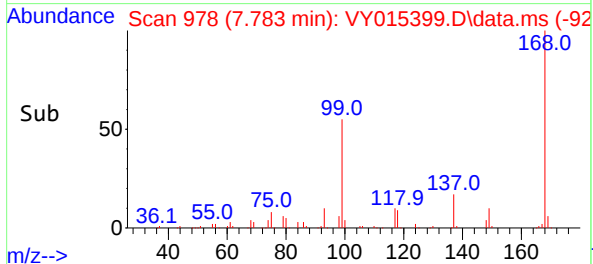
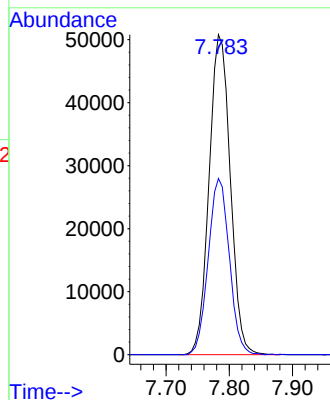


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015399.D
Acq: 31 Aug 2023 13:28

Instrument :
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C-1

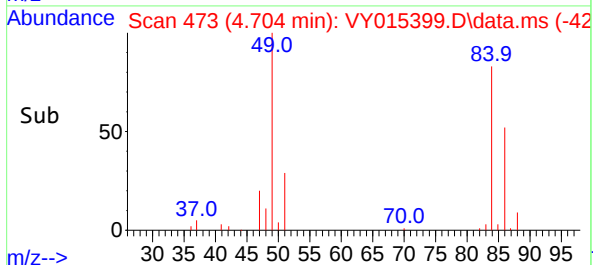
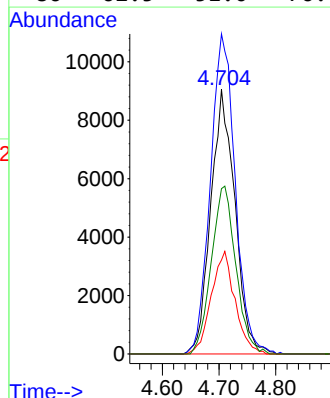
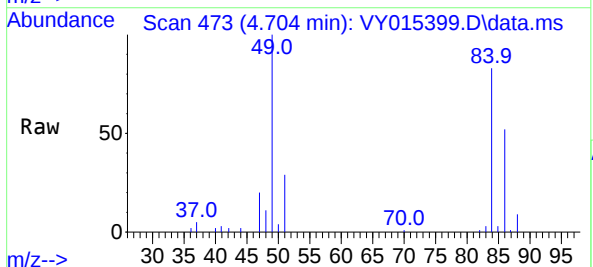


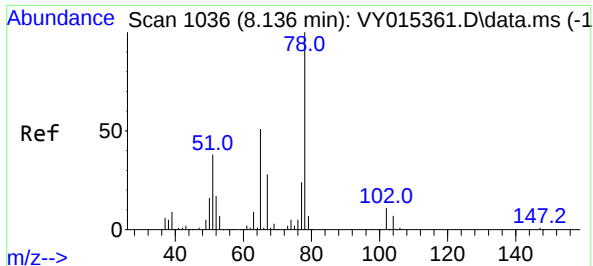
Tgt Ion:168 Resp: 118191
Ion Ratio Lower Upper
168 100
99 55.0 43.4 65.0



#20
Methylene Chloride
Concen: 10.703 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY015399.D
Acq: 31 Aug 2023 13:28

Tgt Ion: 84 Resp: 26846
Ion Ratio Lower Upper
84 100
49 121.0 106.9 160.3
51 35.5 33.2 49.8
86 62.5 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 62.631 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY015399.D

Acq: 31 Aug 2023 13:28

Instrument :

MSVOA_Y

ClientSampleId :

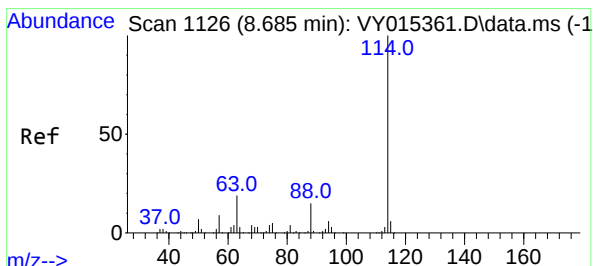
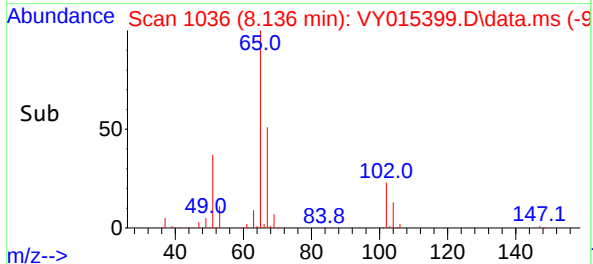
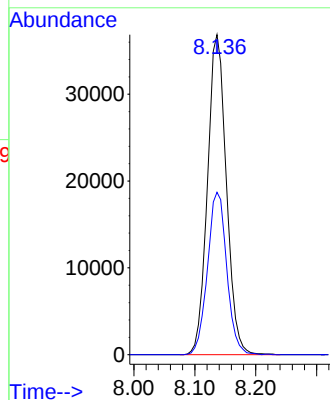
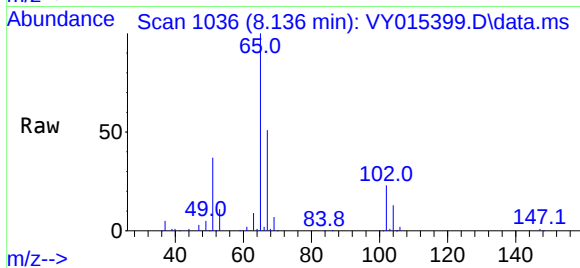
C-1

Tgt Ion: 65 Resp: 79353

Ion Ratio Lower Upper

65 100

67 51.8 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY015399.D

Acq: 31 Aug 2023 13:28

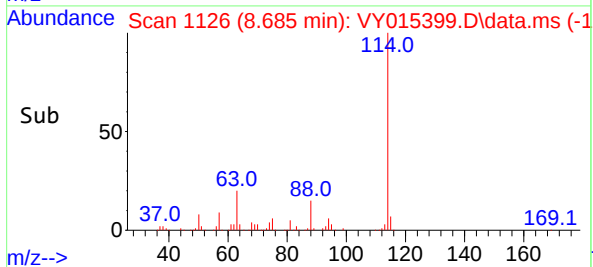
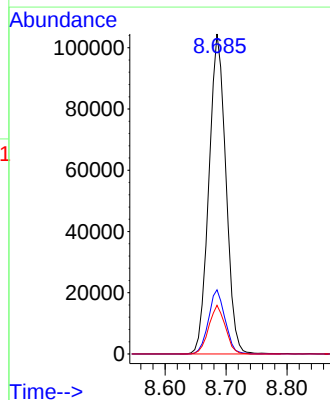
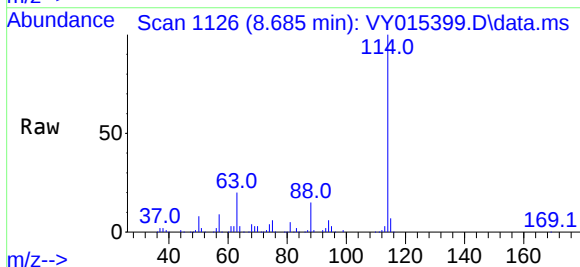
Tgt Ion: 114 Resp: 202137

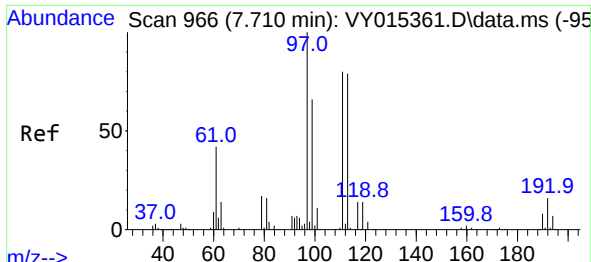
Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.4

88 15.2 0.0 30.6

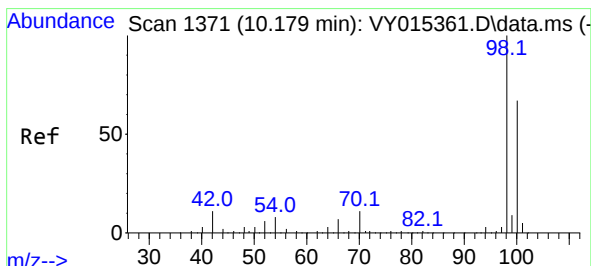
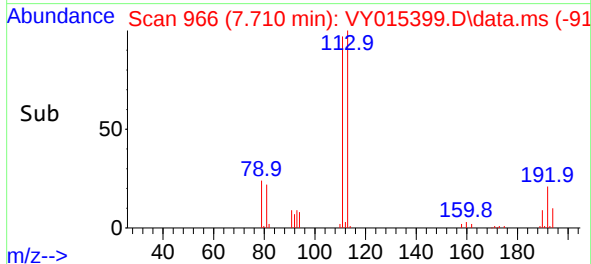
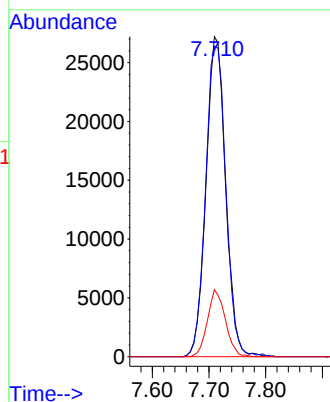
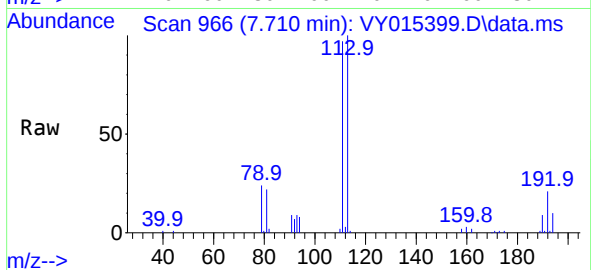




#35
Dibromofluoromethane
Concen: 56.006 ug/l
RT: 7.710 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY015399.D
Acq: 31 Aug 2023 13:28

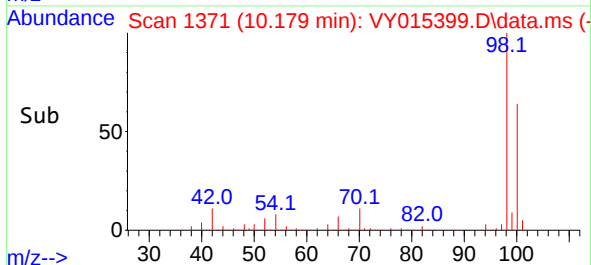
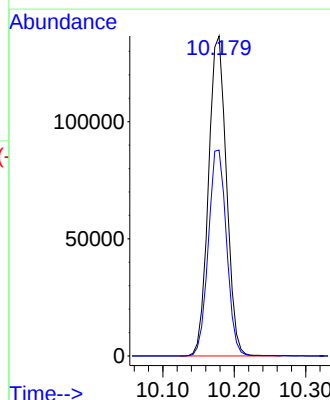
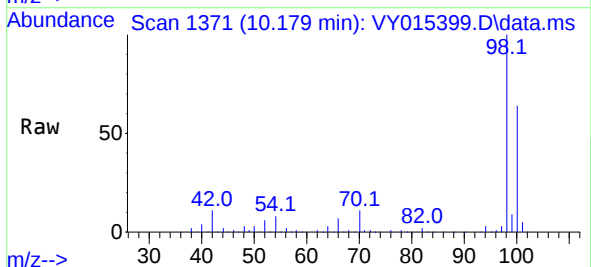
Instrument :
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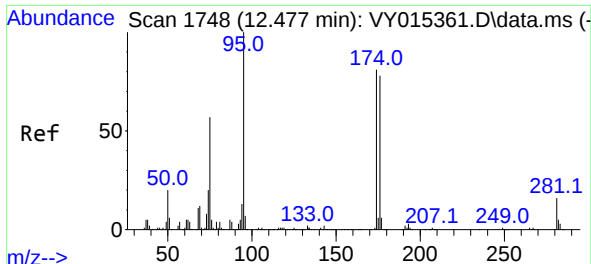
Tgt Ion:113 Resp: 65206
Ion Ratio Lower Upper
113 100
111 101.0 81.3 121.9
192 19.2 16.9 25.3



#50
Toluene-d8
Concen: 56.446 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015399.D
Acq: 31 Aug 2023 13:28

Tgt Ion: 98 Resp: 237992
Ion Ratio Lower Upper
98 100
100 65.1 50.1 75.1

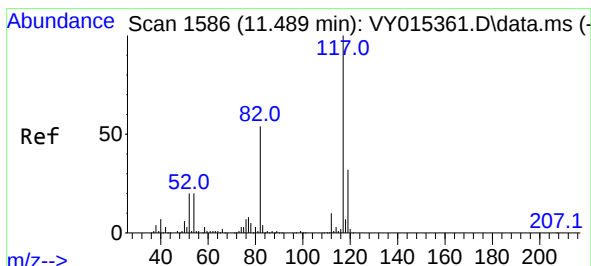
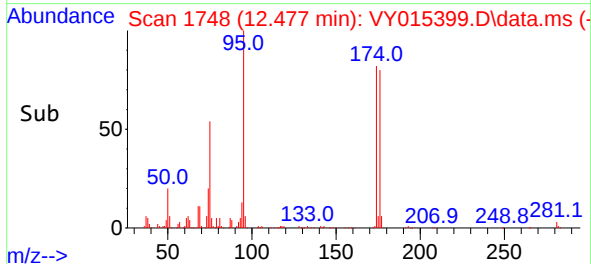
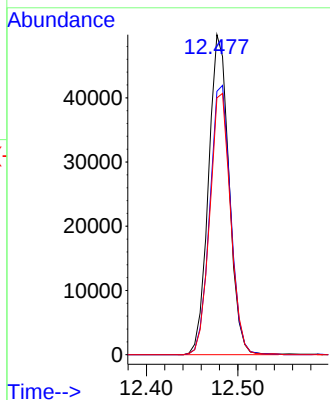
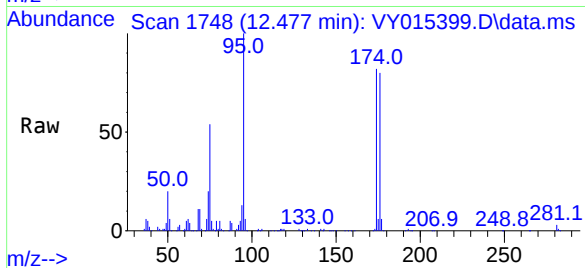




#62
4-Bromofluorobenzene
Concen: 49.511 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015399.D
Acq: 31 Aug 2023 13:28

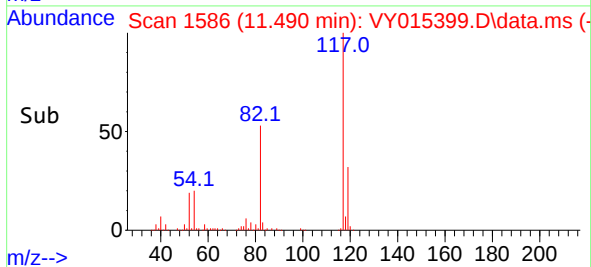
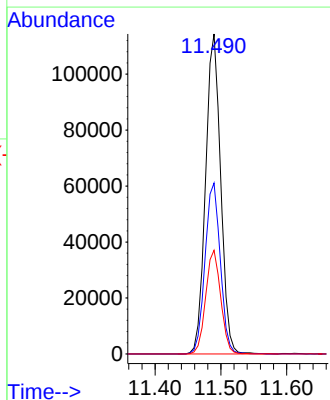
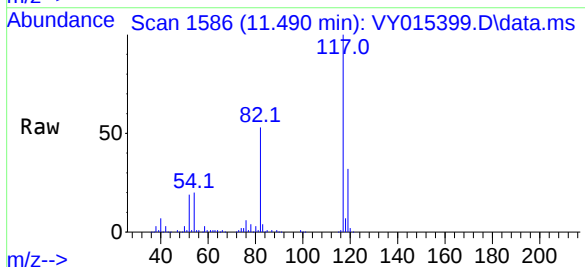
Instrument :
MSVOA_Y
ClientSampleId :
C-1

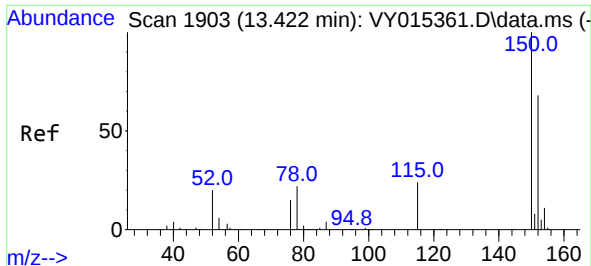
Tgt Ion:	95	Resp:	77495
Ion	Ratio	Lower	Upper
95	100		
174	85.5	0.0	178.2
176	82.6	0.0	173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015399.D
Acq: 31 Aug 2023 13:28

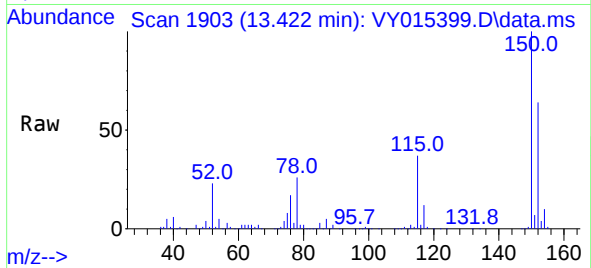
Tgt Ion:	117	Resp:	182684
Ion	Ratio	Lower	Upper
117	100		
82	53.4	43.4	65.0
119	32.4	26.3	39.5





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY015399.D
Acq: 31 Aug 2023 13:28

Instrument :
MSVOA_Y
ClientSampleId :
C-1



Tgt Ion:152 Resp: 86876
Ion Ratio Lower Upper
152 100
115 57.0 28.8 86.5
150 155.6 0.0 348.8

