

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081723\
 Data File : VY015171.D
 Acq On : 17 Aug 2023 14:53
 Operator : SY/MD
 Sample : 04046-03
 Misc : 3.13g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-01(0-5)

Quant Time: Aug 18 00:54:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

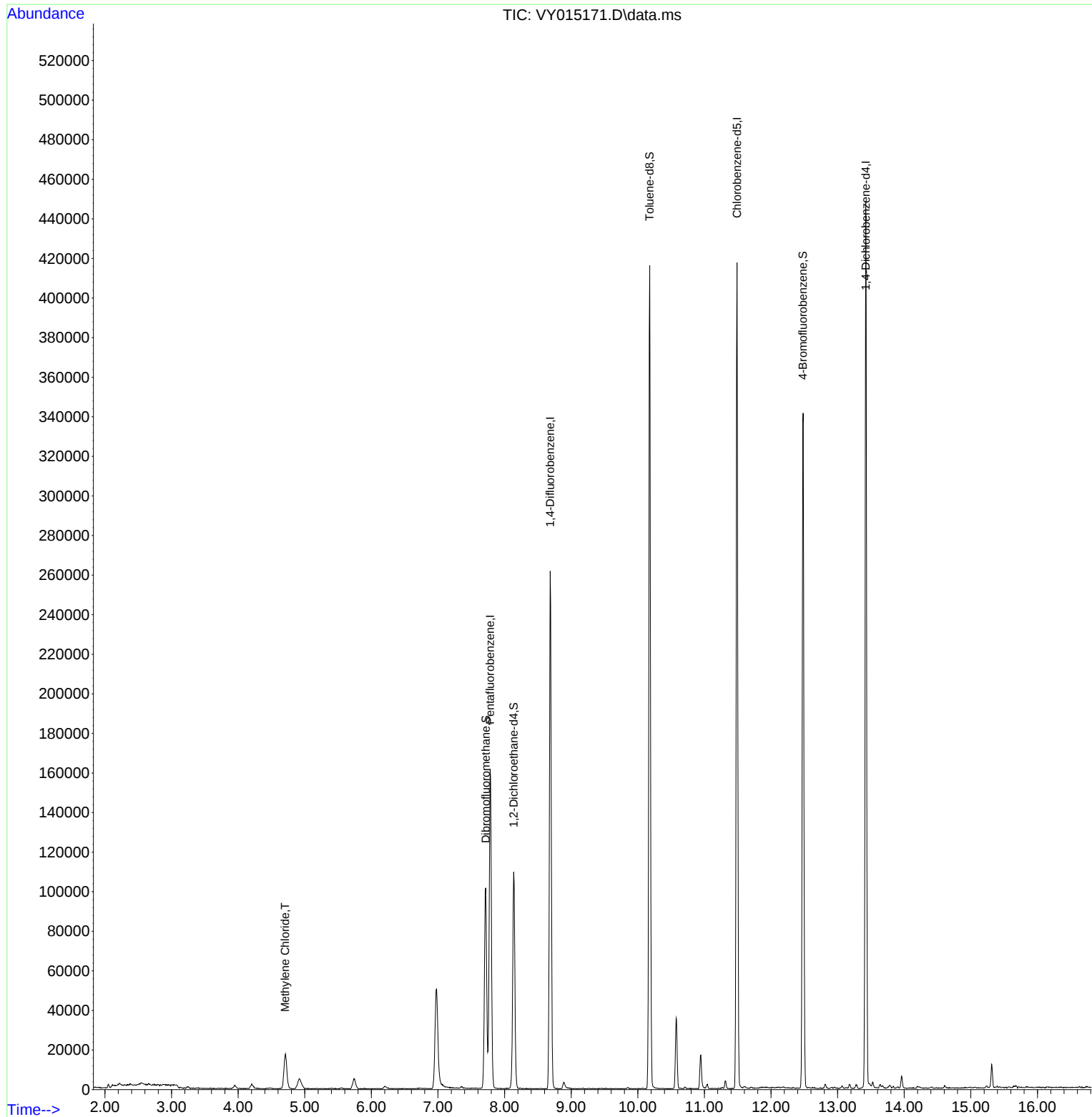
Internal Standards						
1) Pentafluorobenzene	7.783	168	124918	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	219986	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	220466	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	111693	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	84978	56.670	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.340%
35) Dibromofluoromethane	7.716	113	70609	49.892	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.780%
50) Toluene-d8	10.179	98	266563	50.597	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.200%
62) 4-Bromofluorobenzene	12.477	95	100594	52.277	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	104.560%
Target Compounds						
						Qvalue
20) Methylene Chloride	4.704	84	12941	7.331	ug/l	88

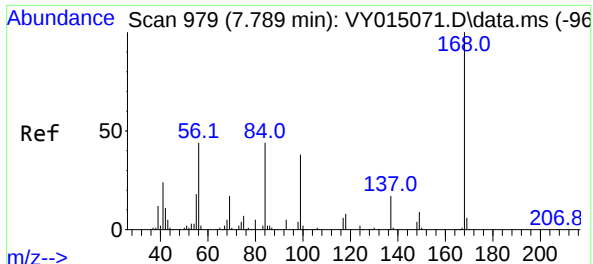
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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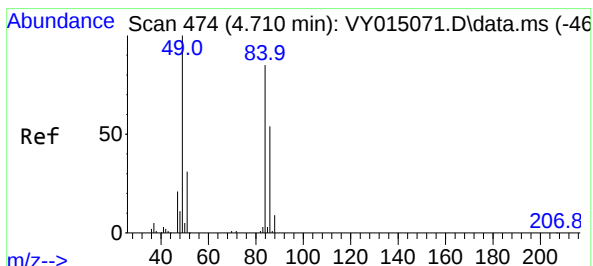
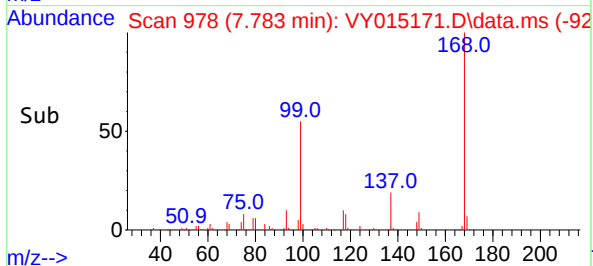
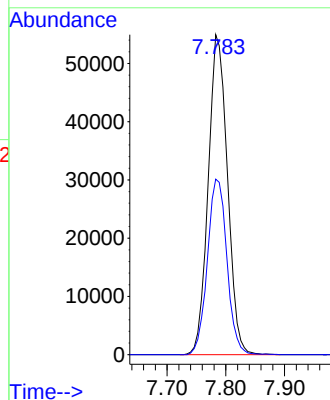
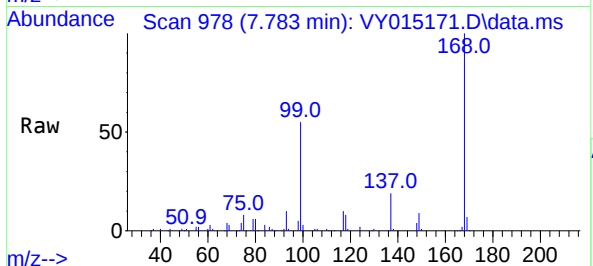




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015171.D
Acq: 17 Aug 2023 14:53

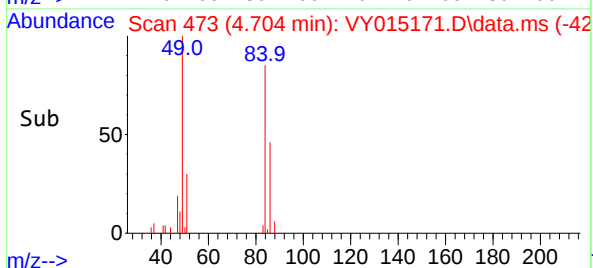
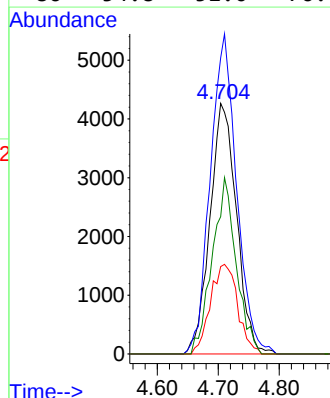
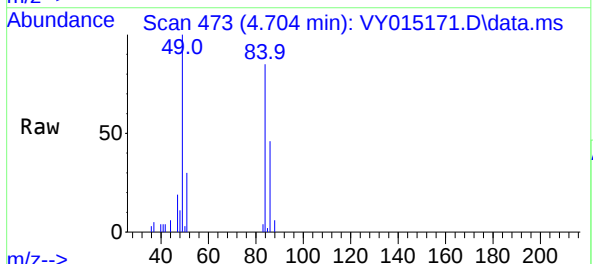
Instrument :
MSVOA_Y
ClientSampleId :
SB-01(0-5)

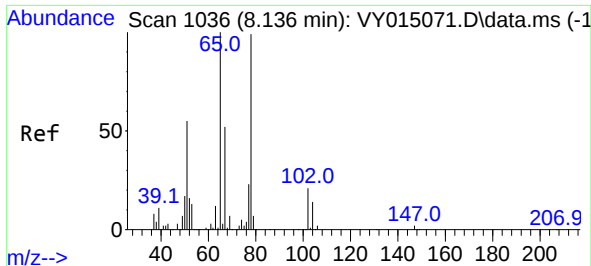
Tgt Ion:168 Resp: 124918
Ion Ratio Lower Upper
168 100
99 54.9 43.4 65.0



#20
Methylene Chloride
Concen: 7.331 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY015171.D
Acq: 17 Aug 2023 14:53

Tgt Ion: 84 Resp: 12941
Ion Ratio Lower Upper
84 100
49 118.2 106.9 160.3
51 34.9 33.2 49.8
86 54.8 51.0 76.6

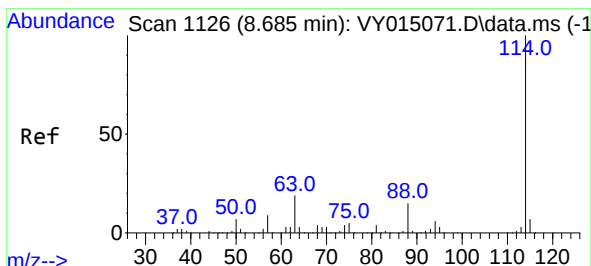
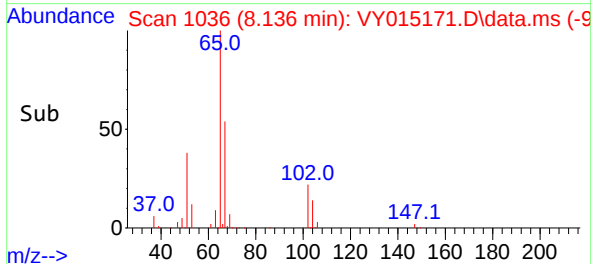
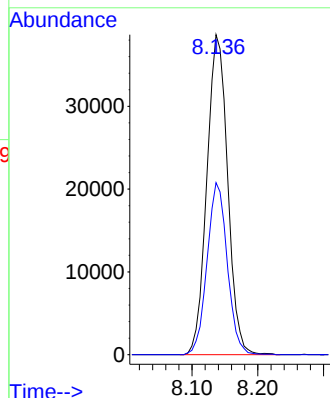
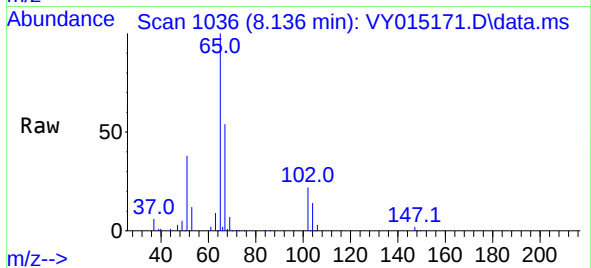




#33
 1,2-Dichloroethane-d4
 Concen: 56.670 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY015171.D
 Acq: 17 Aug 2023 14:53

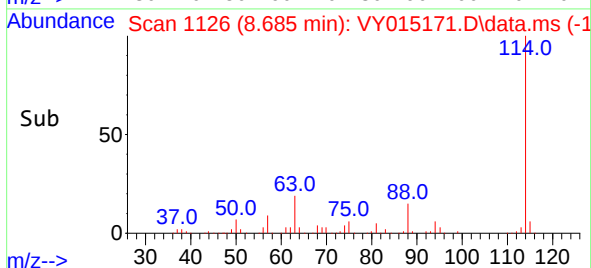
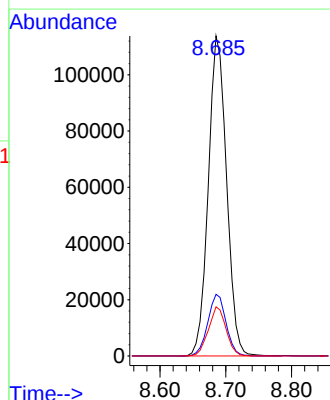
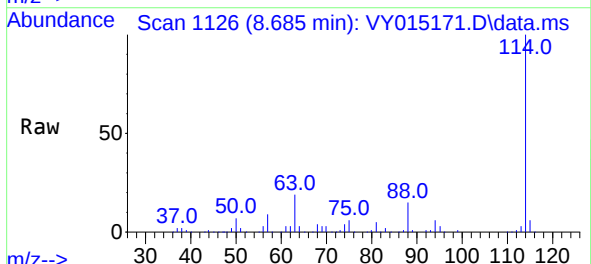
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-01(0-5)

Tgt Ion: 65 Resp: 84978
 Ion Ratio Lower Upper
 65 100
 67 52.2 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: VY015171.D
 Acq: 17 Aug 2023 14:53

Tgt Ion: 114 Resp: 219986
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 42.4
 88 15.4 0.0 30.6

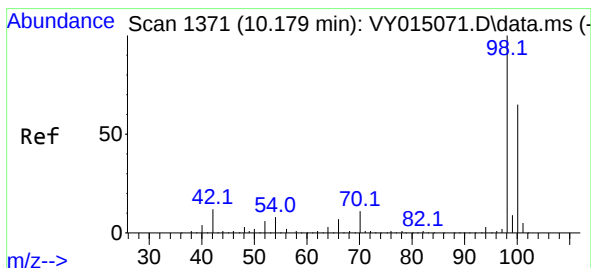
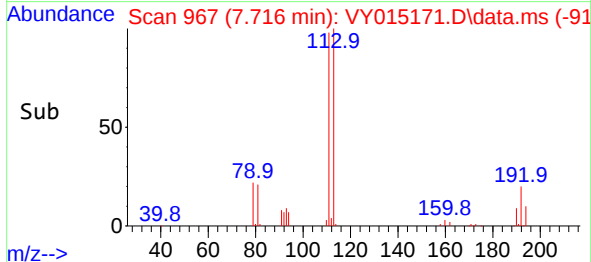
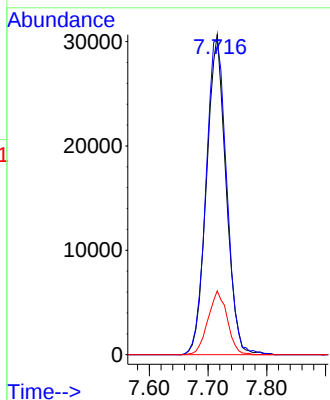
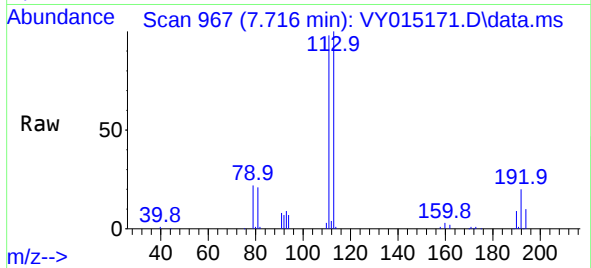




#35
Dibromofluoromethane
Concen: 49.892 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY015171.D
Acq: 17 Aug 2023 14:53

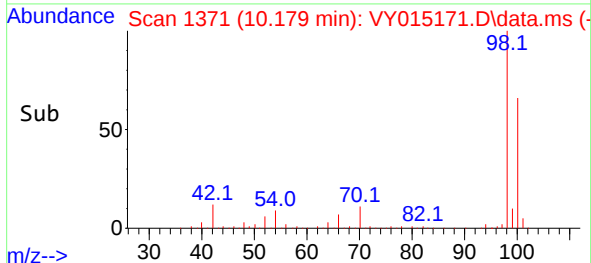
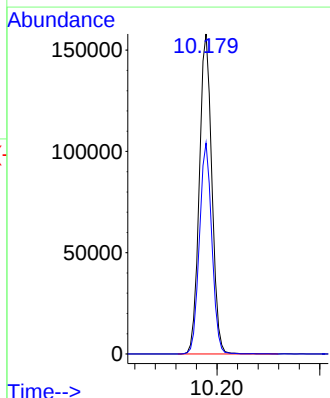
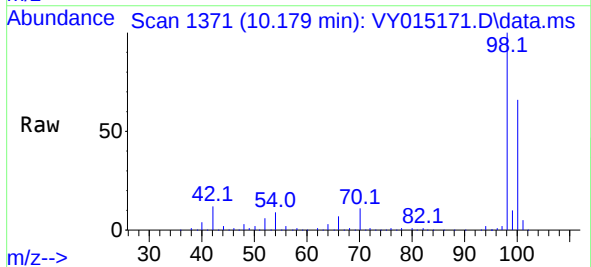
Instrument :
MSVOA_Y
ClientSampleId :
SB-01(0-5)

Tgt Ion:113 Resp: 70609
Ion Ratio Lower Upper
113 100
111 104.5 81.3 121.9
192 19.7 16.9 25.3



#50
Toluene-d8
Concen: 50.597 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015171.D
Acq: 17 Aug 2023 14:53

Tgt Ion: 98 Resp: 266563
Ion Ratio Lower Upper
98 100
100 65.2 50.1 75.1

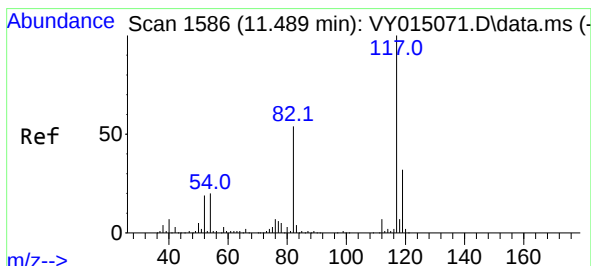
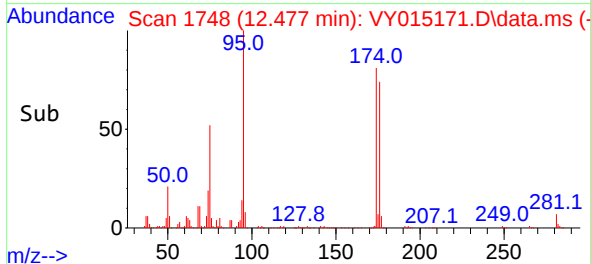
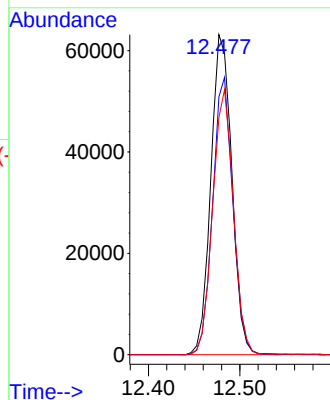
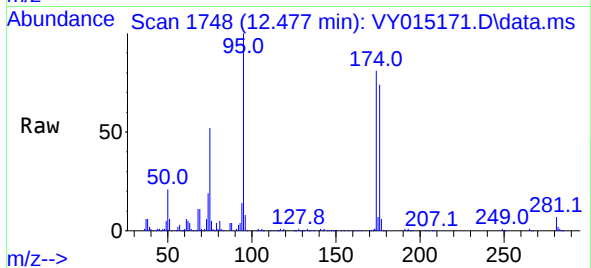




#62
4-Bromofluorobenzene
Concen: 52.277 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015171.D
Acq: 17 Aug 2023 14:53

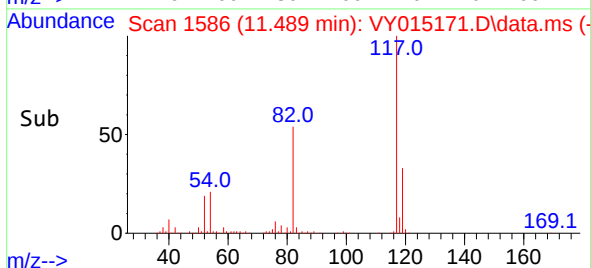
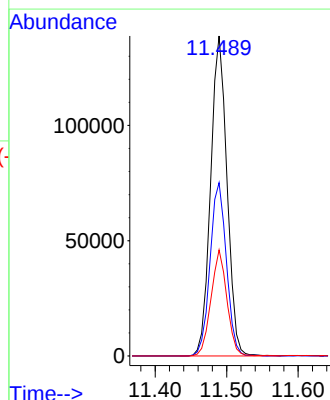
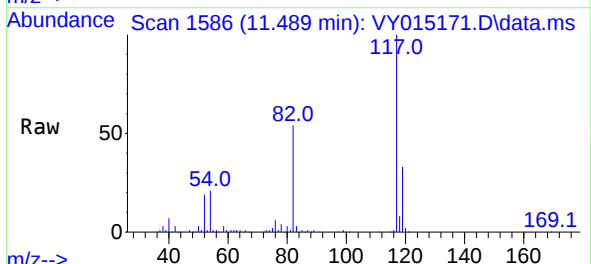
Instrument :
MSVOA_Y
ClientSampleId :
SB-01(0-5)

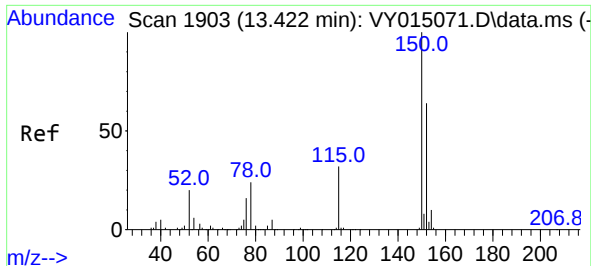
Tgt Ion: 95 Resp: 100594
Ion Ratio Lower Upper
95 100
174 83.8 0.0 178.2
176 82.1 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015171.D
Acq: 17 Aug 2023 14:53

Tgt Ion: 117 Resp: 220466
Ion Ratio Lower Upper
117 100
82 54.1 43.4 65.0
119 33.2 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: VY015171.D

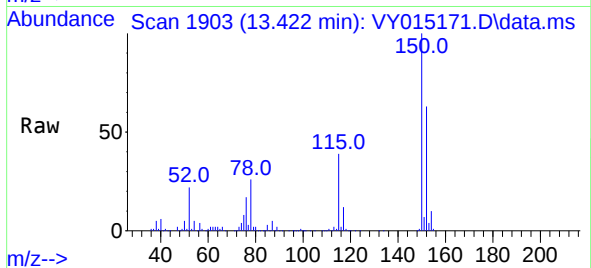
Acq: 17 Aug 2023 14:53

Instrument :

MSVOA_Y

ClientSampleId :

SB-01(0-5)



Tgt Ion:152 Resp: 111693

Ion Ratio Lower Upper

152 100

115 58.5 28.8 86.5

150 156.2 0.0 348.8

