

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100323\
 Data File : VY015808.D
 Acq On : 03 Oct 2023 16:07
 Operator : SY/MD
 Sample : 04685-10
 Misc : 5.47g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PP-20230928-B13.0-2

Quant Time: Oct 04 01:12:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 Response via : Initial Calibration

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

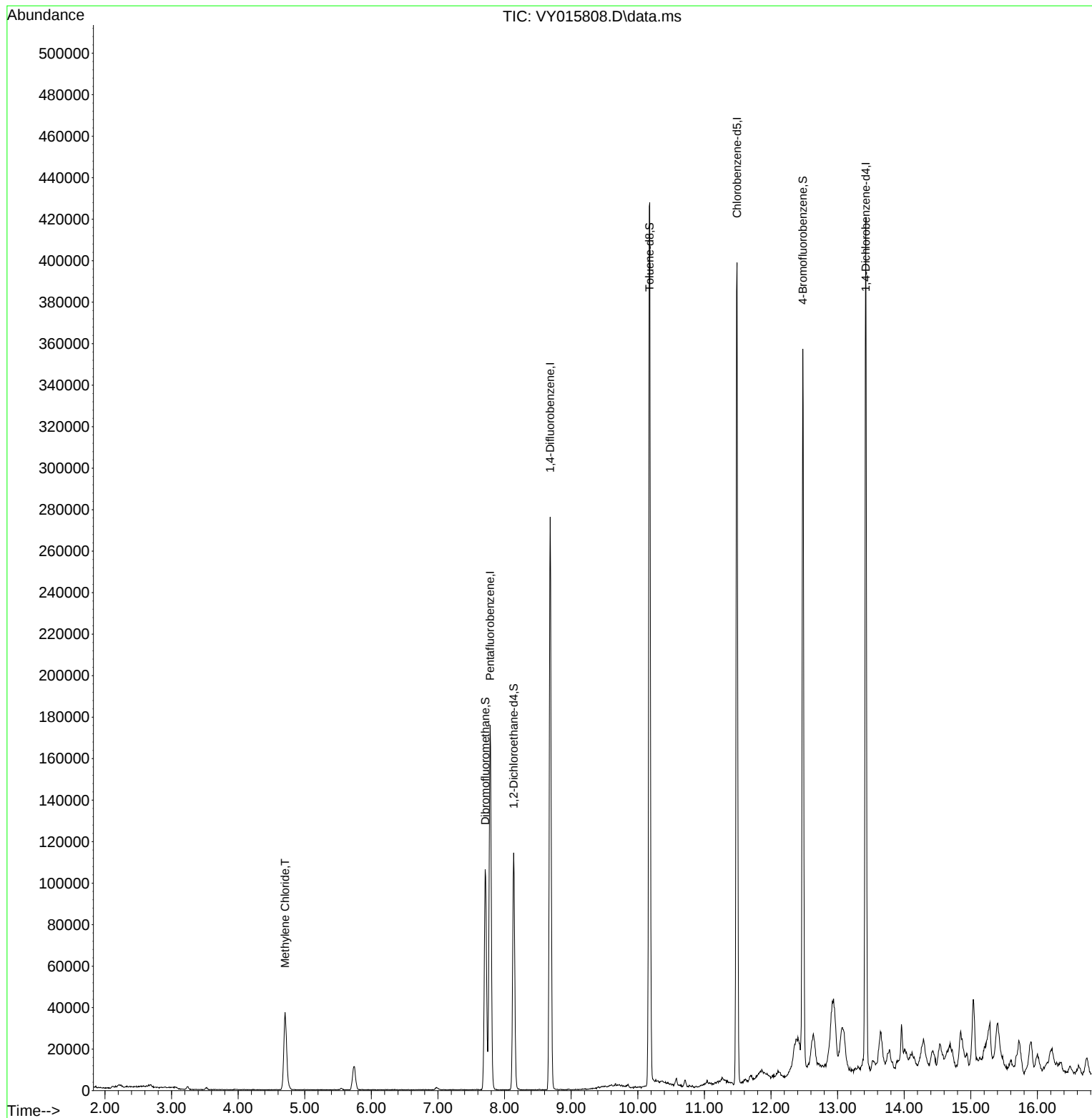
Internal Standards						
1) Pentafluorobenzene	7.783	168	135493	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	236126	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	221770	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	103837	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	87834	58.917	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 117.840%	
35) Dibromofluoromethane	7.710	113	74947	53.030	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.060%	
50) Toluene-d8	10.179	98	285134	59.502	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 119.000%	
62) 4-Bromofluorobenzene	12.477	95	99869	53.107	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 106.220%	
Target Compounds						
20) Methylene Chloride	4.704	84	27064	11.791	ug/l	Qvalue 91

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

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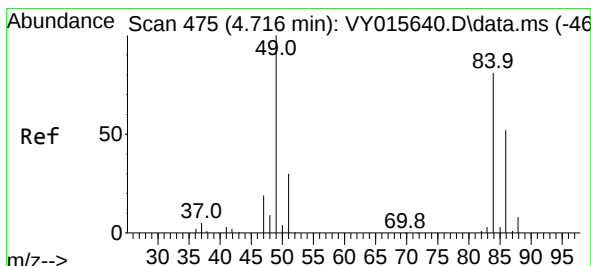
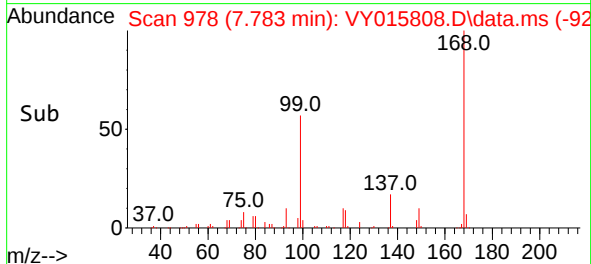
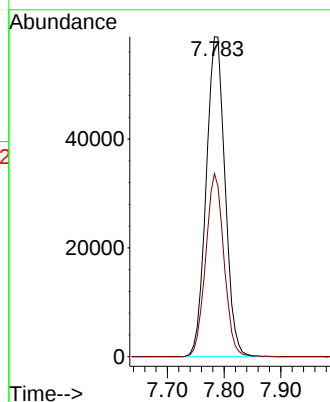
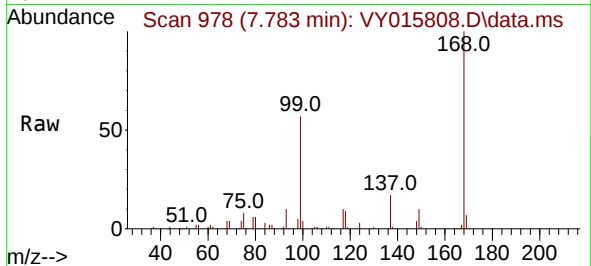




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015808.D
Acq: 03 Oct 2023 16:07

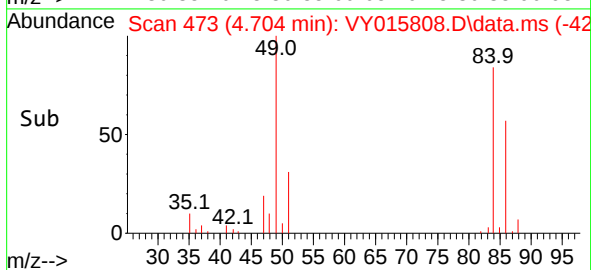
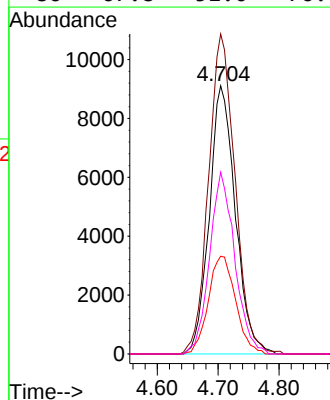
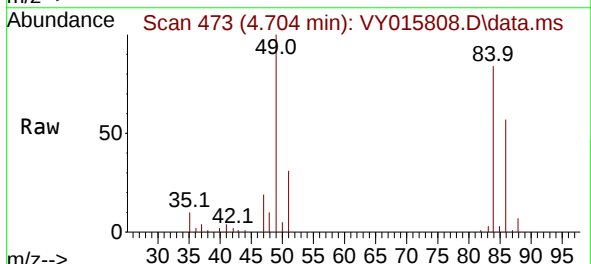
Instrument :
MSVOA_Y
ClientSampleId :
PP-20230928-B13.0-2

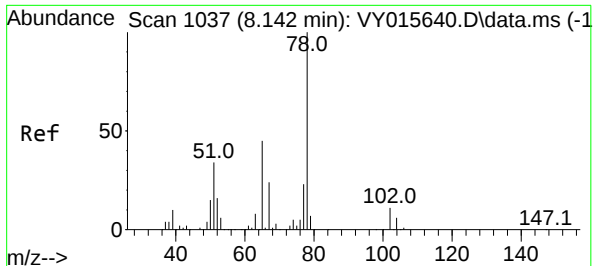
Tgt Ion:168 Resp: 135493
Ion Ratio Lower Upper
168 100
99 57.2 43.4 65.0



#20
Methylene Chloride
Concen: 11.791 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY015808.D
Acq: 03 Oct 2023 16:07

Tgt Ion: 84 Resp: 27064
Ion Ratio Lower Upper
84 100
49 119.3 106.9 160.3
51 36.5 33.2 49.8
86 67.8 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 58.917 ug/l

RT: 8.137 min Scan# 110

Delta R.T. 0.001 min

Lab File: VY015808.D

Acq: 03 Oct 2023 16:07

Instrument :

MSVOA_Y

ClientSampleId :

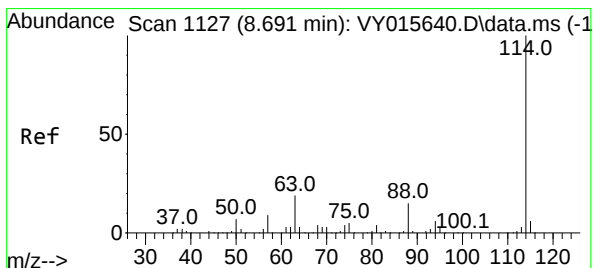
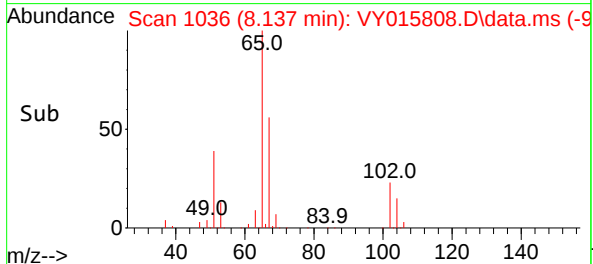
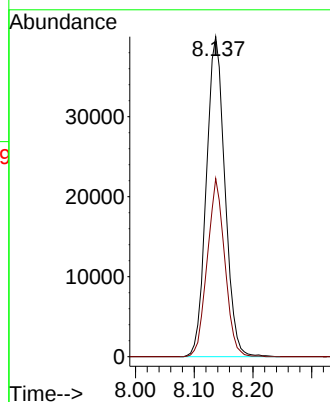
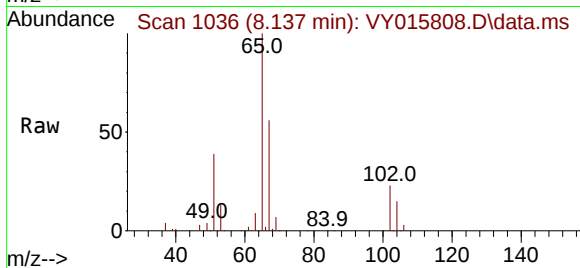
PP-20230928-B13.0-2

Tgt Ion: 65 Resp: 87834

Ion Ratio Lower Upper

65 100

67 52.6 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: VY015808.D

Acq: 03 Oct 2023 16:07

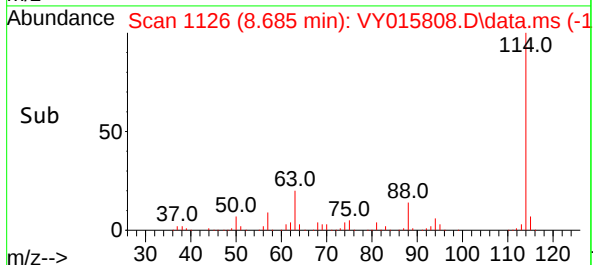
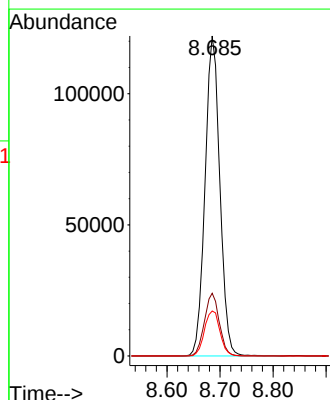
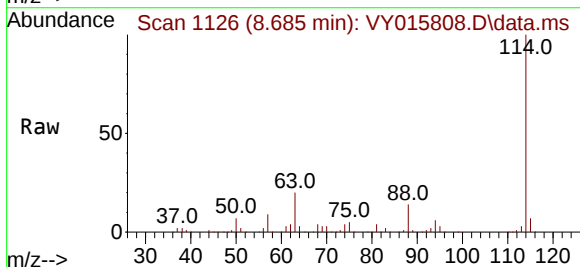
Tgt Ion: 114 Resp: 236126

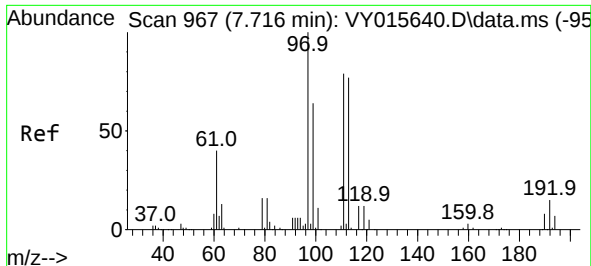
Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.4

88 14.1 0.0 30.6

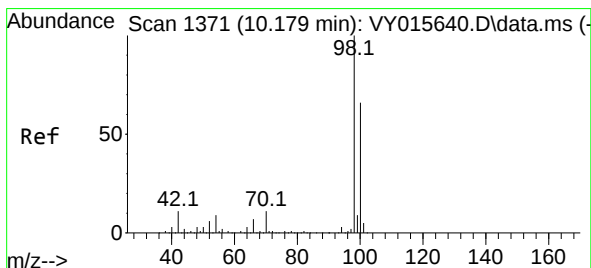
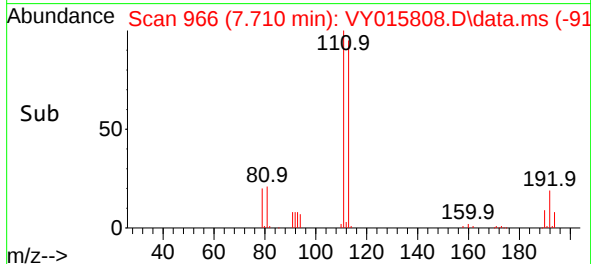
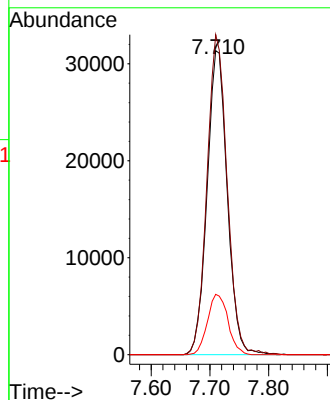
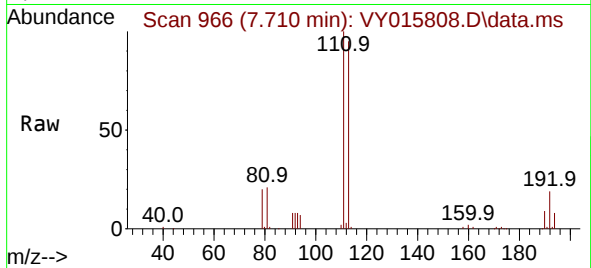




#35
Dibromofluoromethane
Concen: 53.030 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY015808.D
Acq: 03 Oct 2023 16:07

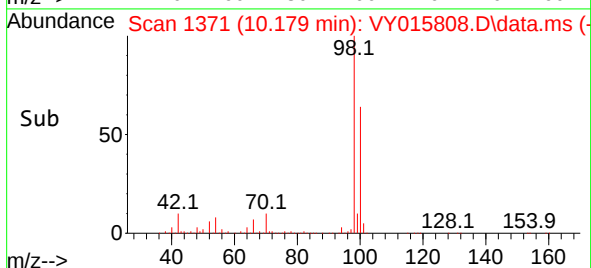
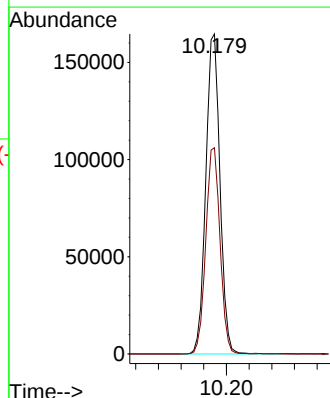
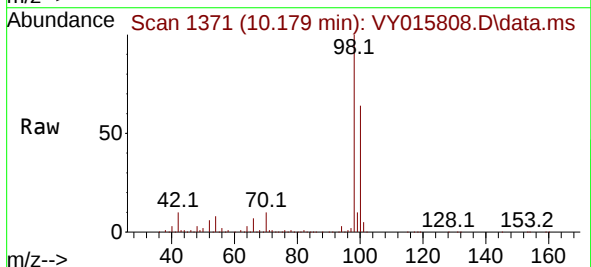
Instrument :
MSVOA_Y
ClientSampleId :
PP-20230928-B13.0-2

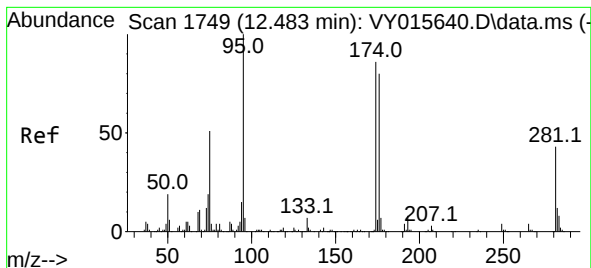
Tgt Ion:113 Resp: 74947
Ion Ratio Lower Upper
113 100
111 104.9 81.3 121.9
192 20.1 16.9 25.3



#50
Toluene-d8
Concen: 59.502 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015808.D
Acq: 03 Oct 2023 16:07

Tgt Ion: 98 Resp: 285134
Ion Ratio Lower Upper
98 100
100 64.9 50.1 75.1

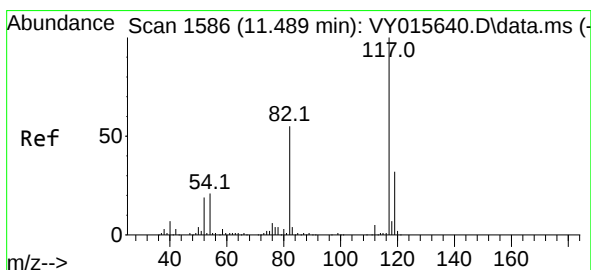
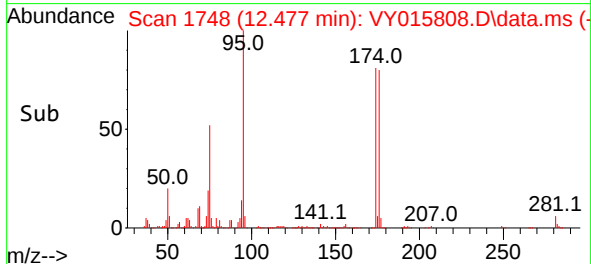
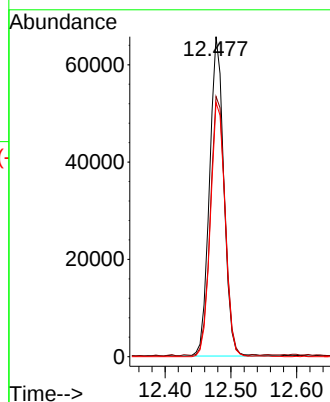
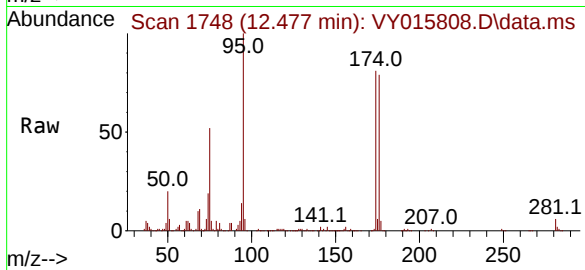




#62
4-Bromofluorobenzene
Concen: 53.107 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015808.D
Acq: 03 Oct 2023 16:07

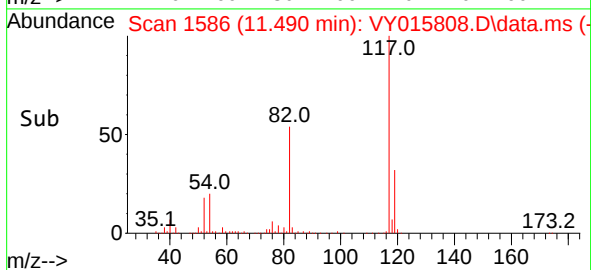
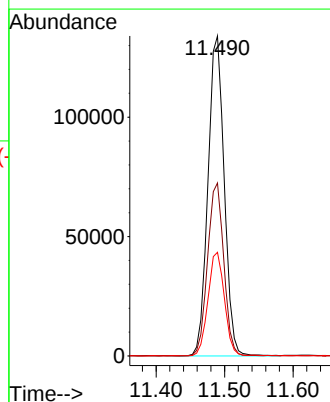
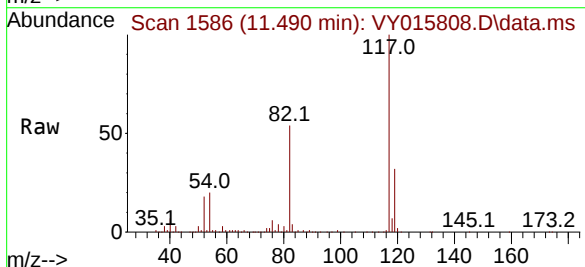
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MSVOA_Y
ClientSampleId :
PP-20230928-B13.0-2

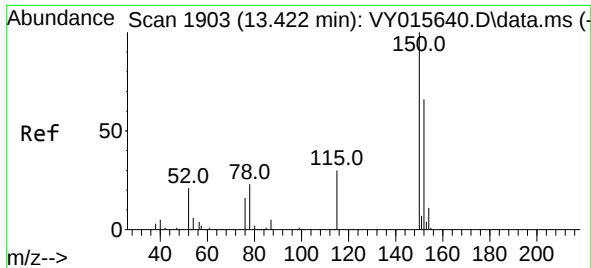
Tgt Ion: 95 Resp: 99869
Ion Ratio Lower Upper
95 100
174 83.9 0.0 178.2
176 81.5 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY015808.D
Acq: 03 Oct 2023 16:07

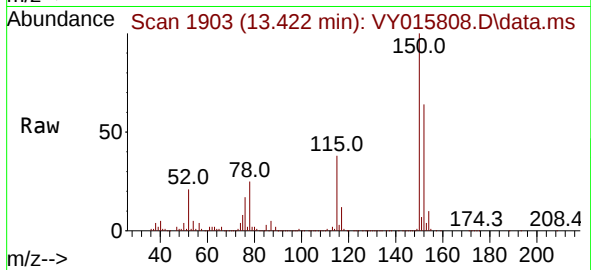
Tgt Ion:117 Resp: 221770
Ion Ratio Lower Upper
117 100
82 54.0 43.4 65.0
119 32.4 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY015808.D
 Acq: 03 Oct 2023 16:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 PP-20230928-B13.0-2



Tgt Ion:	152	Resp:	103837
Ion	Ratio	Lower	Upper
152	100		
115	58.0	28.8	86.5
150	156.9	0.0	348.8

