

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072823\
 Data File : VY014914.D
 Acq On : 28 Jul 2023 17:20
 Operator : SY/MD
 Sample : 03813-04
 Misc : 5.68g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PLAUDERVILLE-2

Quant Time: Jul 29 03:09:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

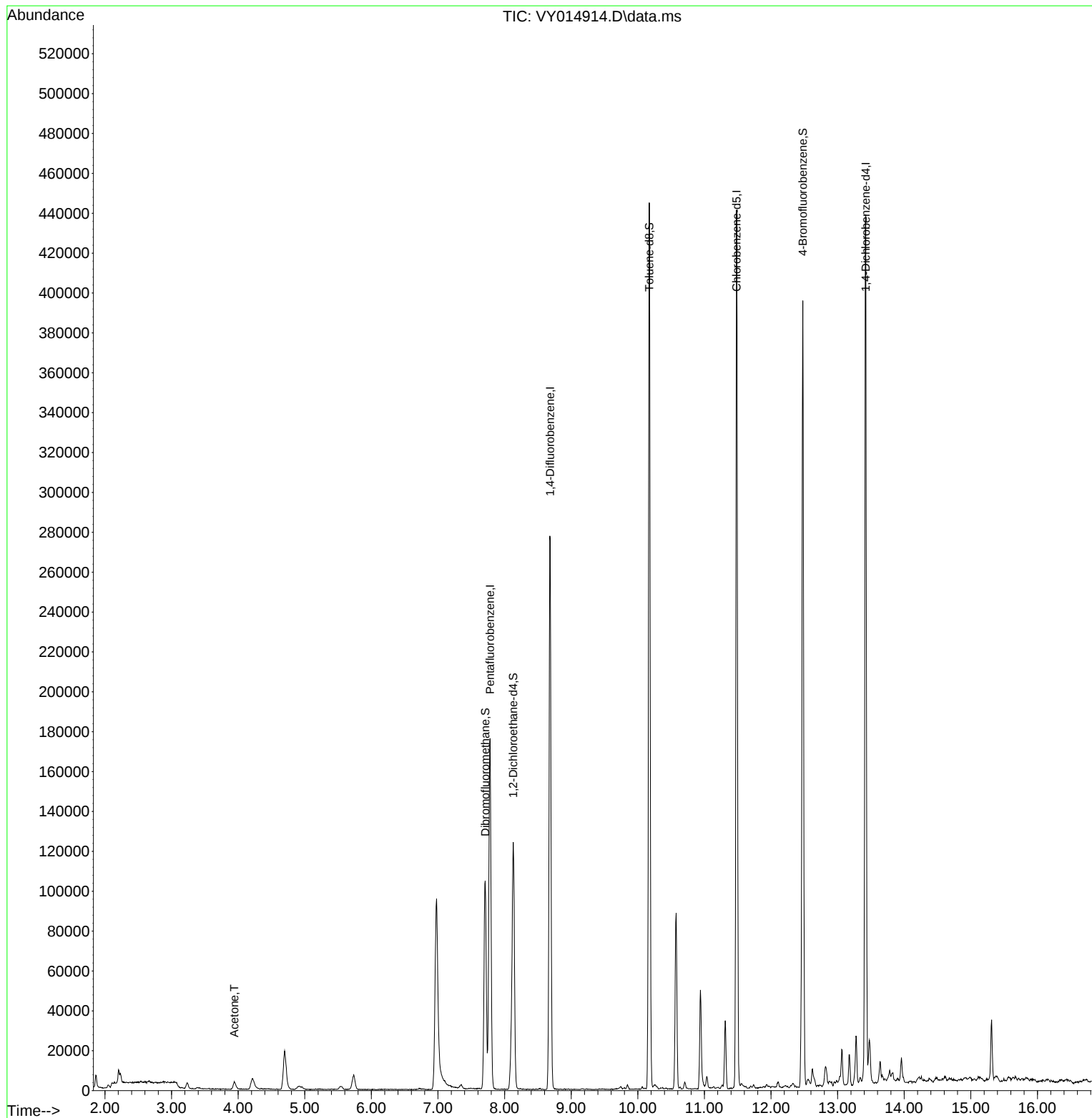
Internal Standards						
1) Pentafluorobenzene	7.783	168	137164	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	241822	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	232120	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	113974	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	88334	56.514	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.020%
35) Dibromofluoromethane	7.710	113	75597	49.109	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.220%
50) Toluene-d8	10.173	98	287709	50.694	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.380%
62) 4-Bromofluorobenzene	12.477	95	107606	49.448	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.900%
Target Compounds						
16) Acetone	3.942	43	6569	13.262	ug/l	Qvalue # 88

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

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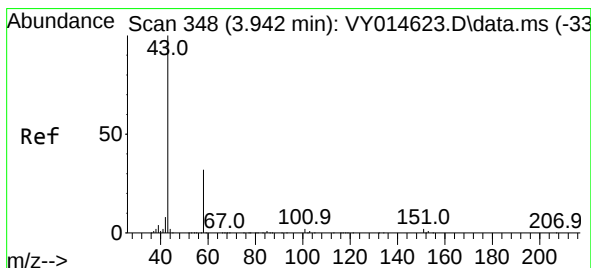
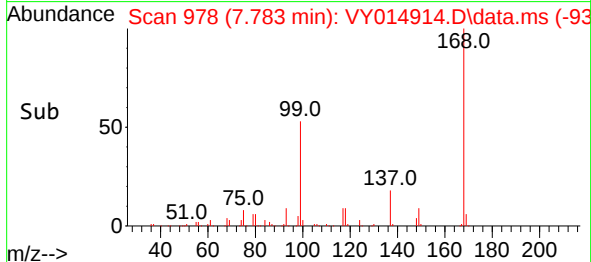
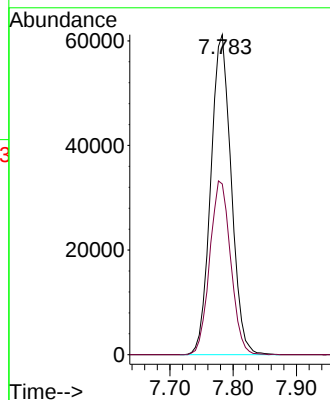
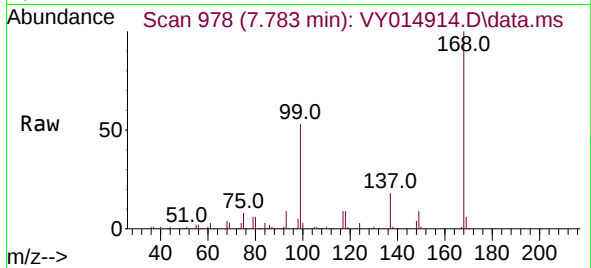




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014914.D
Acq: 28 Jul 2023 17:20

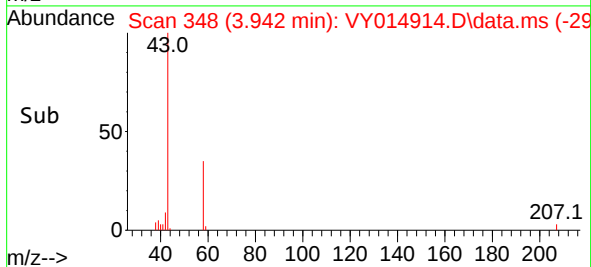
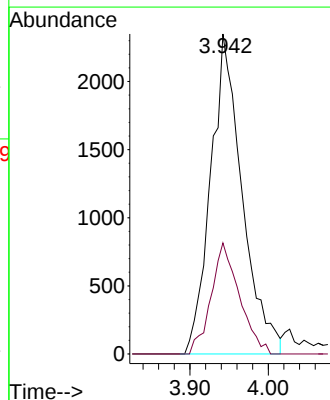
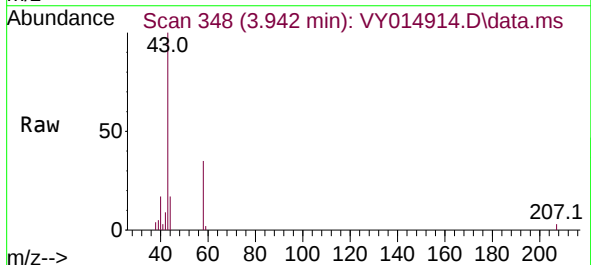
Instrument :
MSVOA_Y
ClientSampleId :
PLAUDERVILLE-2

Tgt Ion:168 Resp: 137164
Ion Ratio Lower Upper
168 100
99 53.3 43.4 65.0



#16
Acetone
Concen: 13.262 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY014914.D
Acq: 28 Jul 2023 17:20

Tgt Ion: 43 Resp: 6569
Ion Ratio Lower Upper
43 100
58 34.7 22.7 34.1#





#33

1,2-Dichloroethane-d4

Concen: 56.514 ug/l

RT: 8.130 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY014914.D

Acq: 28 Jul 2023 17:20

Instrument :

MSVOA_Y

ClientSampleId :

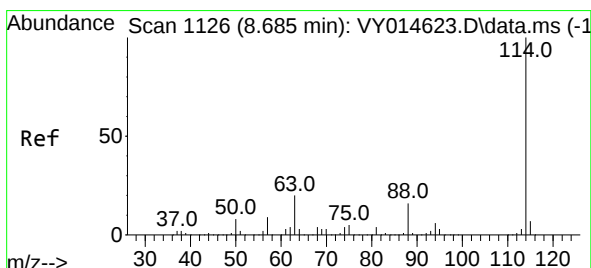
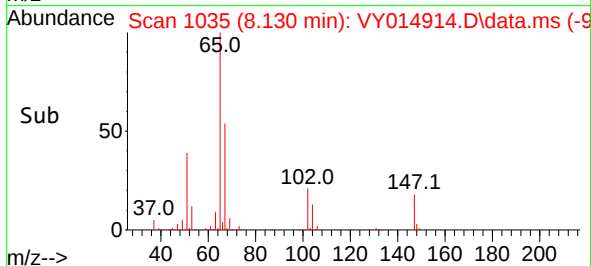
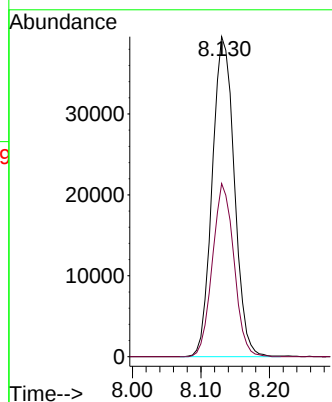
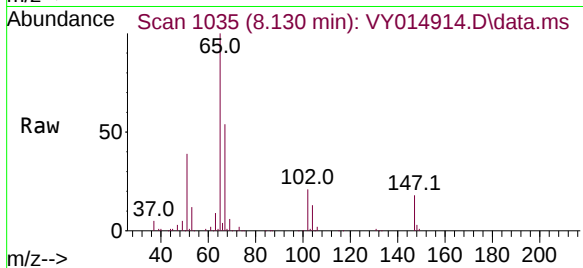
PLAUDERVILLE-2

Tgt Ion: 65 Resp: 88334

Ion Ratio Lower Upper

65 100

67 52.8 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: VY014914.D

Acq: 28 Jul 2023 17:20

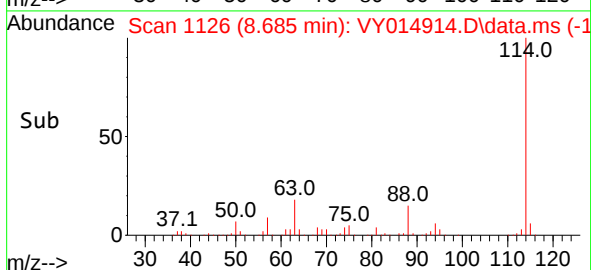
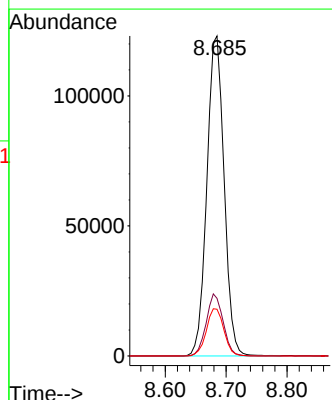
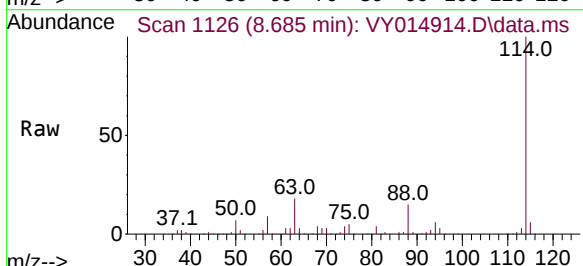
Tgt Ion: 114 Resp: 241822

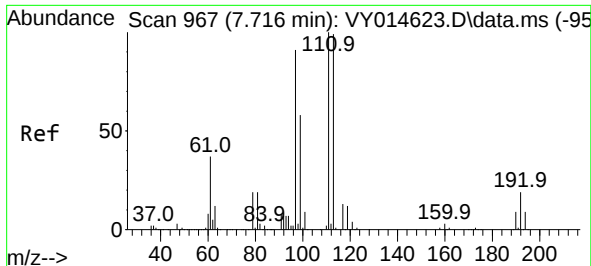
Ion Ratio Lower Upper

114 100

63 18.0 0.0 42.4

88 14.6 0.0 30.6

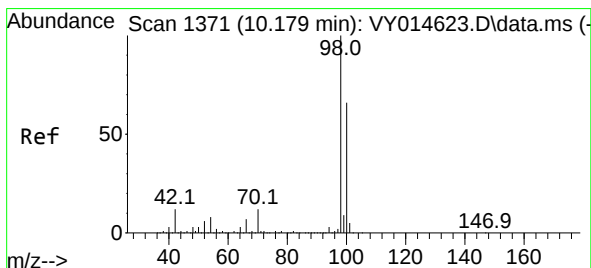
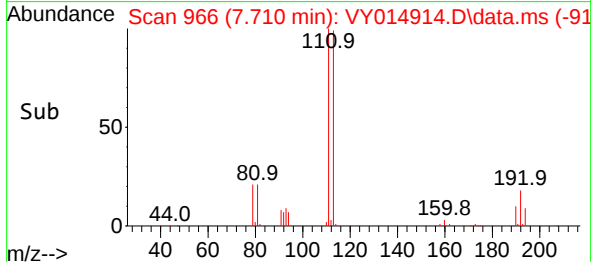
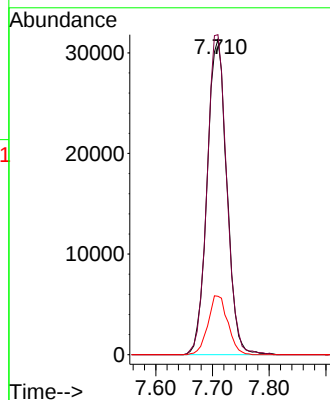
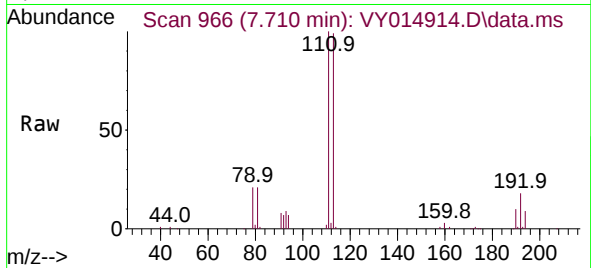




#35
Dibromofluoromethane
Concen: 49.109 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014914.D
Acq: 28 Jul 2023 17:20

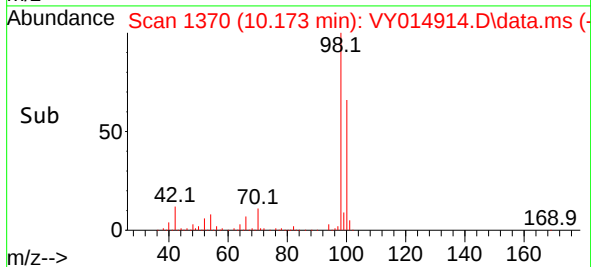
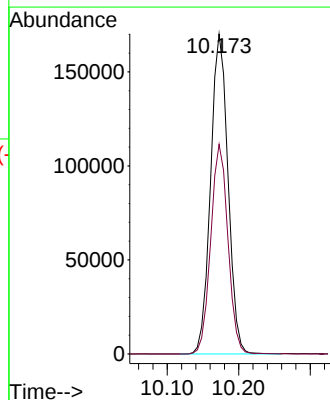
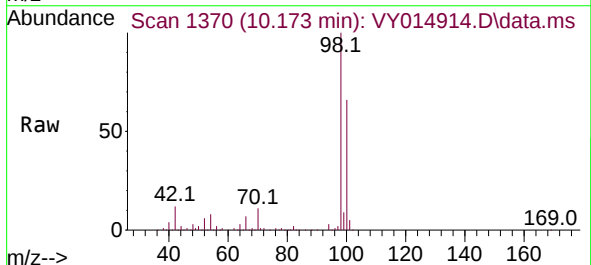
Instrument :
MSVOA_Y
ClientSampleId :
PLAUDERVILLE-2

Tgt Ion:113 Resp: 75597
Ion Ratio Lower Upper
113 100
111 101.2 81.3 121.9
192 18.8 16.9 25.3



#50
Toluene-d8
Concen: 50.694 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY014914.D
Acq: 28 Jul 2023 17:20

Tgt Ion: 98 Resp: 287709
Ion Ratio Lower Upper
98 100
100 64.7 50.1 75.1

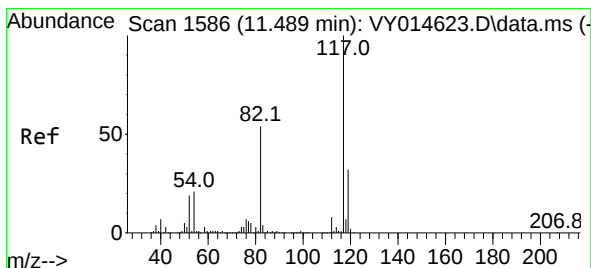
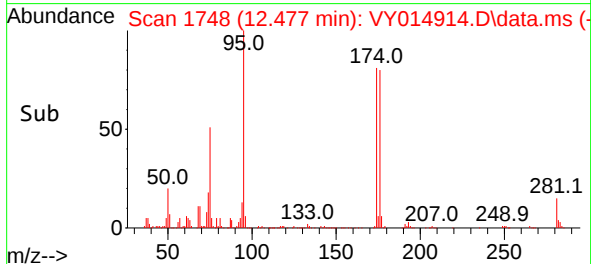
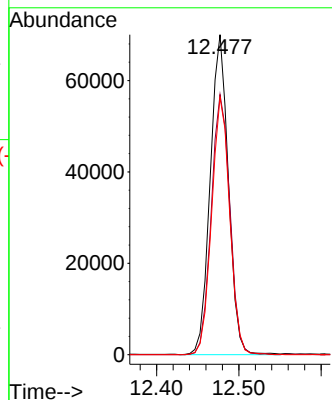
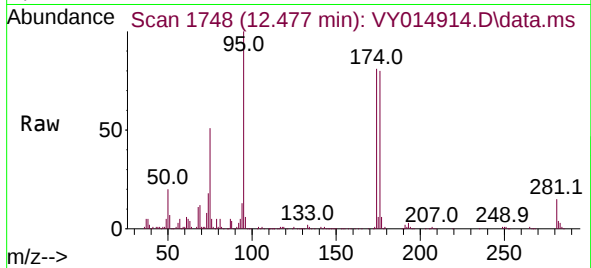




#62
4-Bromofluorobenzene
Concen: 49.448 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014914.D
Acq: 28 Jul 2023 17:20

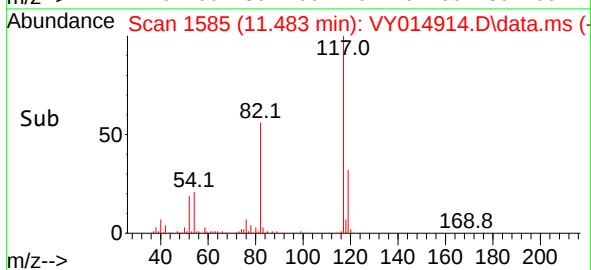
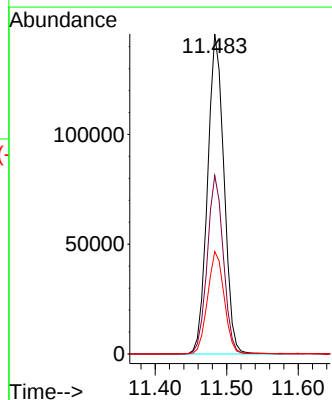
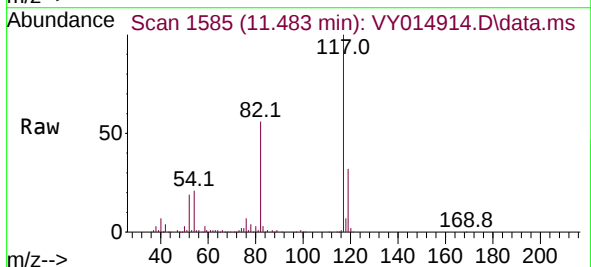
Instrument :
MSVOA_Y
ClientSampleId :
PLAUDERVILLE-2

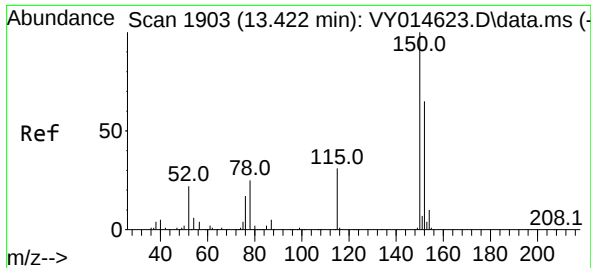
Tgt Ion: 95 Resp: 107606
Ion Ratio Lower Upper
95 100
174 83.4 0.0 178.2
176 79.9 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY014914.D
Acq: 28 Jul 2023 17:20

Tgt Ion: 117 Resp: 232120
Ion Ratio Lower Upper
117 100
82 55.7 43.4 65.0
119 31.9 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: VY014914.D

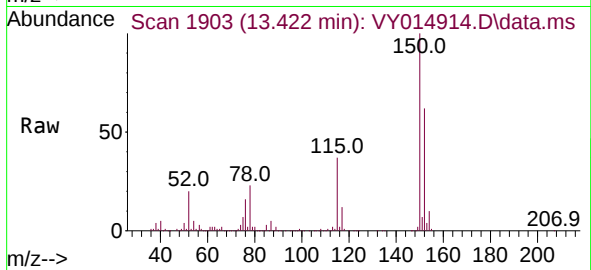
Acq: 28 Jul 2023 17:20

Instrument :

MSVOA_Y

ClientSampleId :

PLAUDERVILLE-2



Tgt Ion:152 Resp: 113974

Ion Ratio Lower Upper

152 100

115 59.8 28.8 86.5

150 157.1 0.0 348.8

