

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072823\
 Data File : VY014907.D
 Acq On : 28 Jul 2023 14:31
 Operator : SY/MD
 Sample : 03686-16
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-28-0-2-20230721

Quant Time: Jul 29 03:06:00 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)

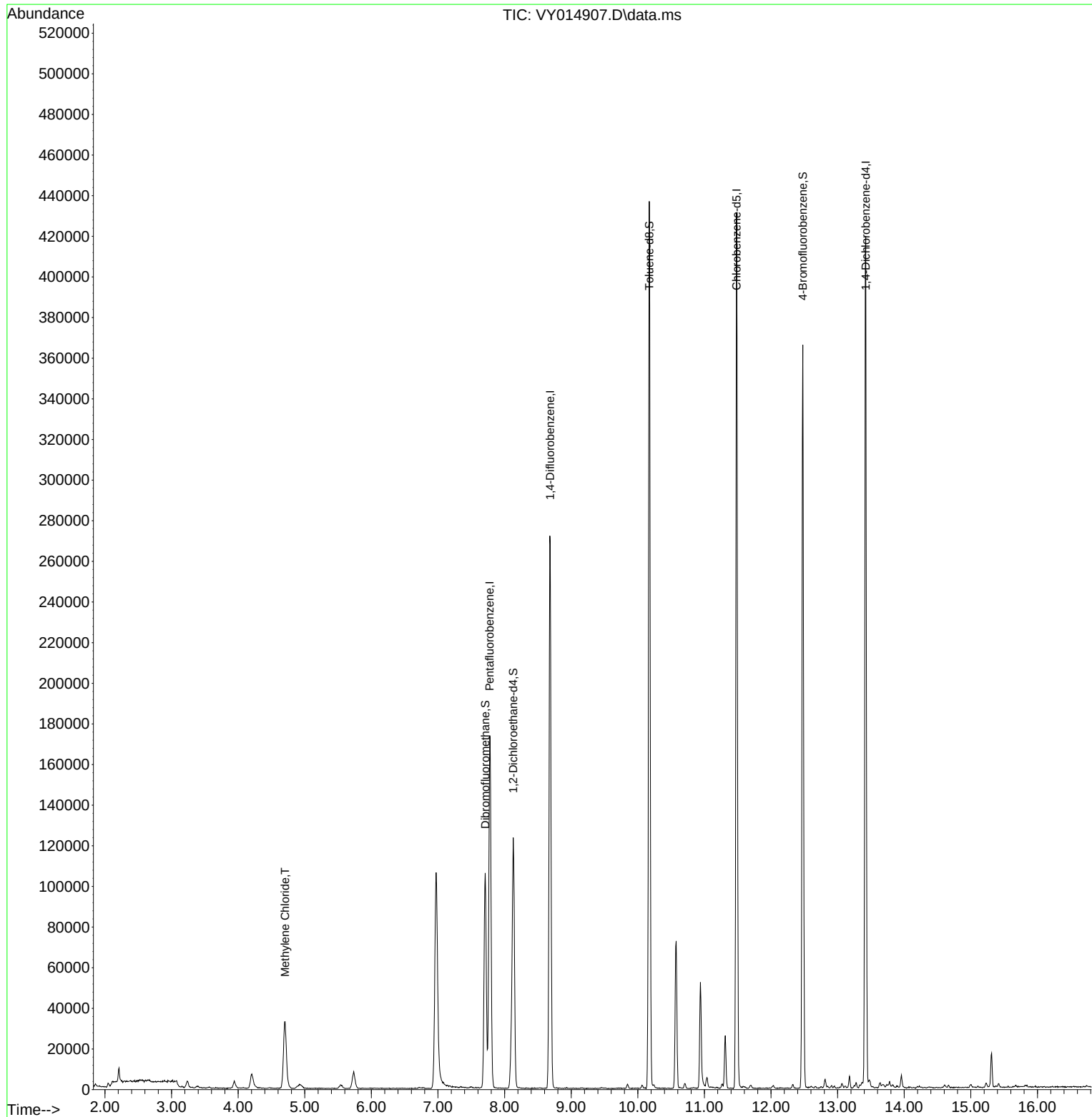
Internal Standards						
1) Pentafluorobenzene	7.777	168	136197	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.685	114	235291	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	226531	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	107384	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	88377	56.943	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.880%
35) Dibromofluoromethane	7.710	113	74522	49.754	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.500%
50) Toluene-d8	10.173	98	281122	50.909	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.820%
62) 4-Bromofluorobenzene	12.477	95	102641	48.475	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.960%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.704	84	25448	12.785	ug/l	91

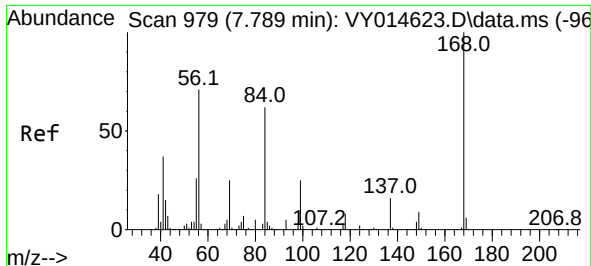
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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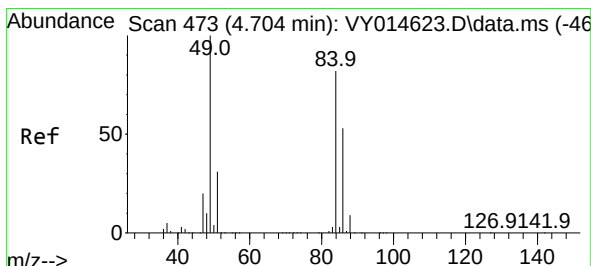
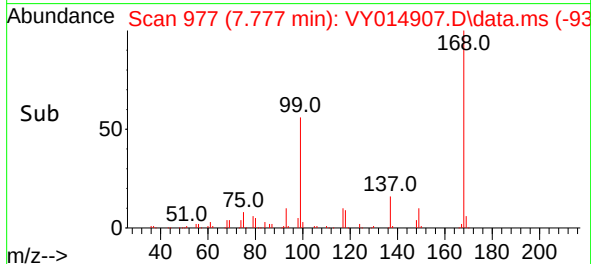
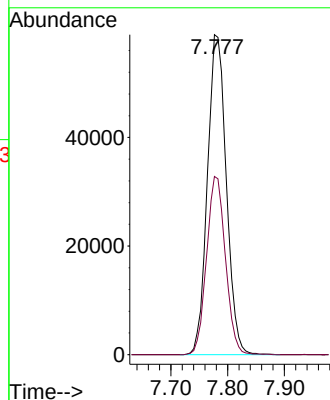
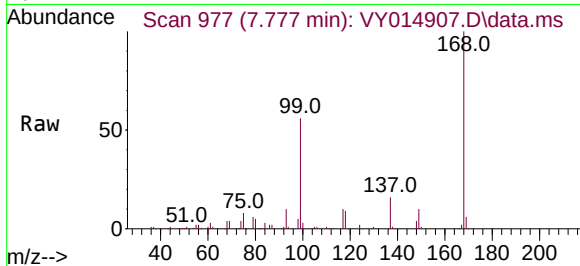




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY014907.D
Acq: 28 Jul 2023 14:31

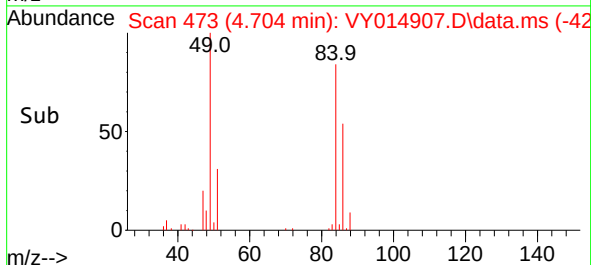
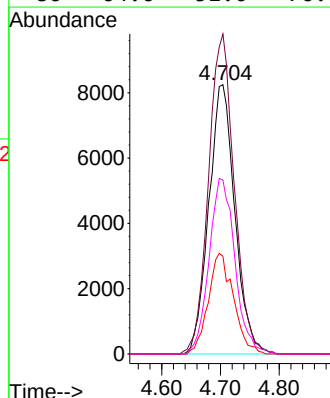
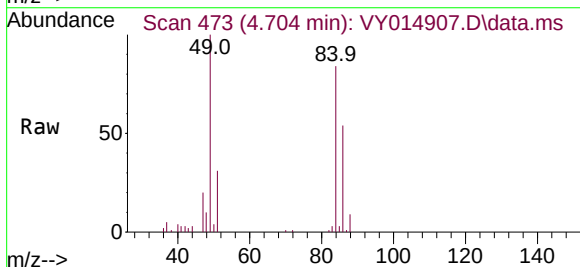
Instrument :
MSVOA_Y
ClientSampleId :
SB-28-0-2-20230721

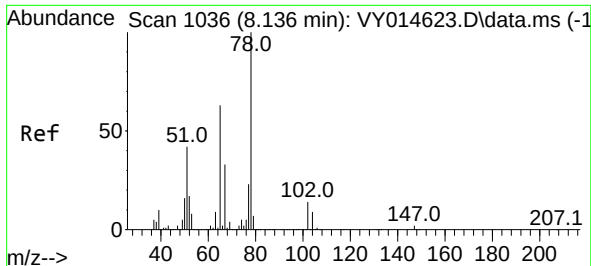
Tgt Ion:168 Resp: 136197
Ion Ratio Lower Upper
168 100
99 55.7 43.4 65.0



#20
Methylene Chloride
Concen: 12.785 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY014907.D
Acq: 28 Jul 2023 14:31

Tgt Ion: 84 Resp: 25448
Ion Ratio Lower Upper
84 100
49 118.9 106.9 160.3
51 36.3 33.2 49.8
86 64.6 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 56.943 ug/l

RT: 8.130 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY014907.D

Acq: 28 Jul 2023 14:31

Instrument :

MSVOA_Y

ClientSampleId :

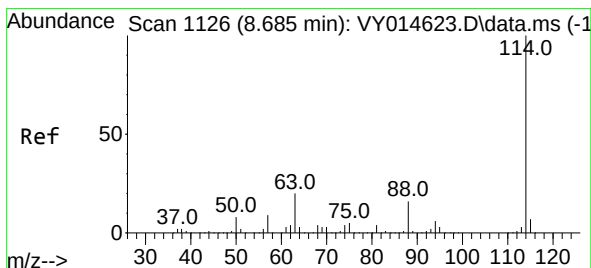
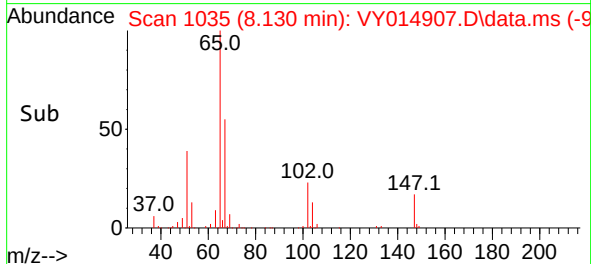
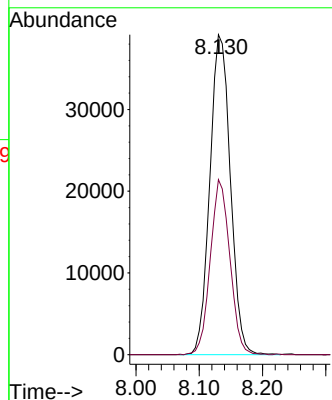
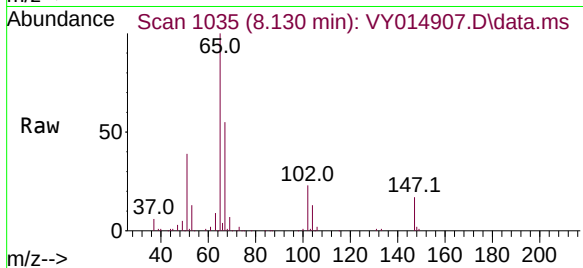
SB-28-0-2-20230721

Tgt Ion: 65 Resp: 88377

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: VY014907.D

Acq: 28 Jul 2023 14:31

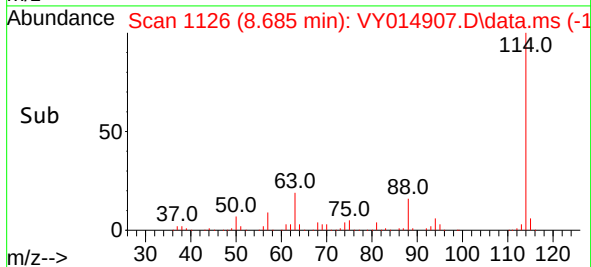
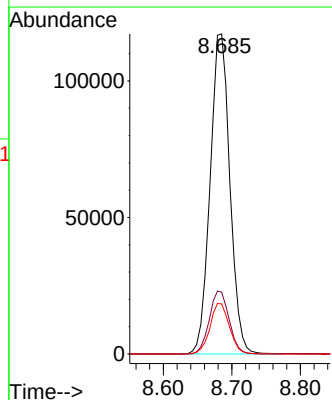
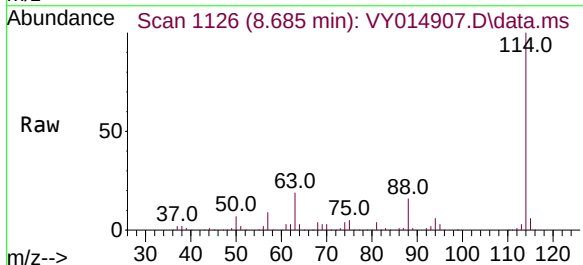
Tgt Ion: 114 Resp: 235291

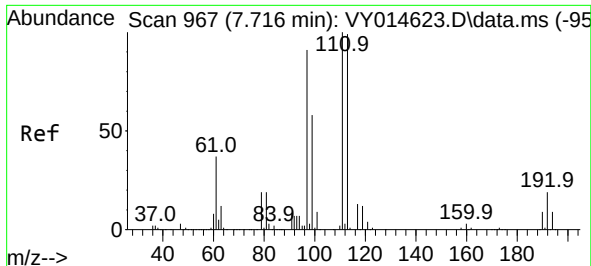
Ion Ratio Lower Upper

114 100

63 19.3 0.0 42.4

88 15.6 0.0 30.6

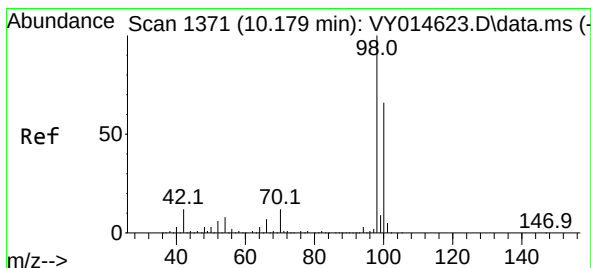
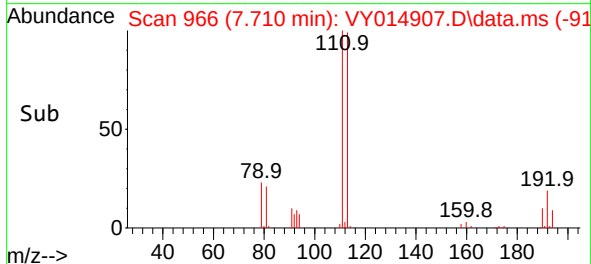
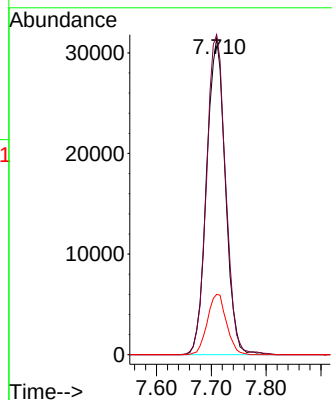
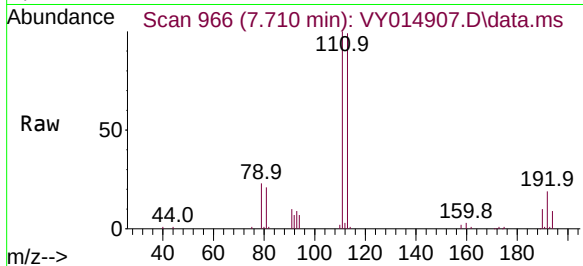




#35
Dibromofluoromethane
Concen: 49.754 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014907.D
Acq: 28 Jul 2023 14:31

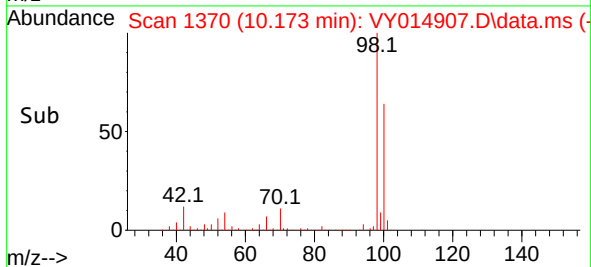
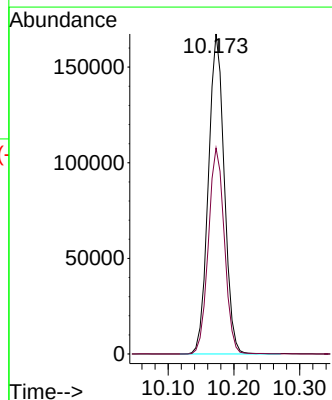
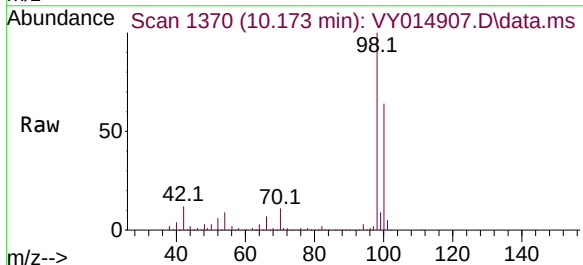
Instrument :
MSVOA_Y
ClientSampleId :
SB-28-0-2-20230721

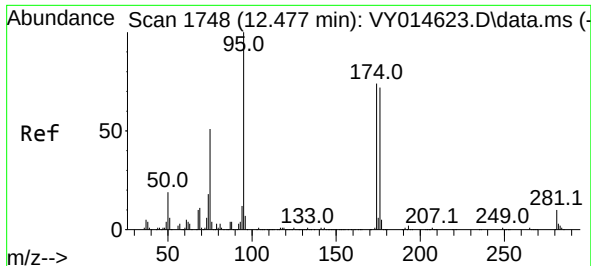
Tgt Ion:113 Resp: 74522
Ion Ratio Lower Upper
113 100
111 102.9 81.3 121.9
192 19.4 16.9 25.3



#50
Toluene-d8
Concen: 50.909 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY014907.D
Acq: 28 Jul 2023 14:31

Tgt Ion: 98 Resp: 281122
Ion Ratio Lower Upper
98 100
100 64.8 50.1 75.1

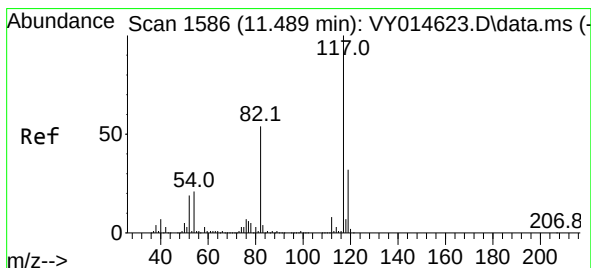
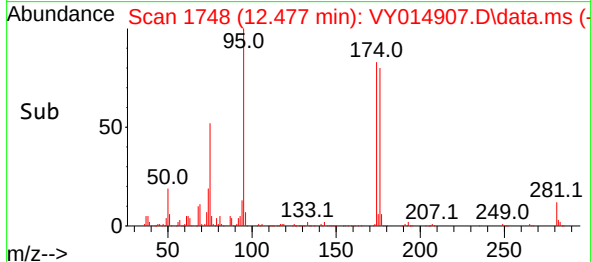
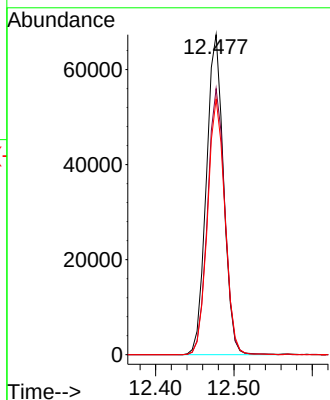
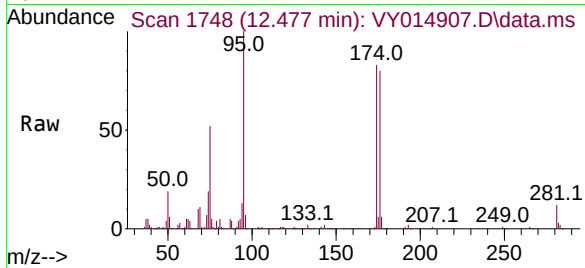




#62
4-Bromofluorobenzene
Concen: 48.475 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014907.D
Acq: 28 Jul 2023 14:31

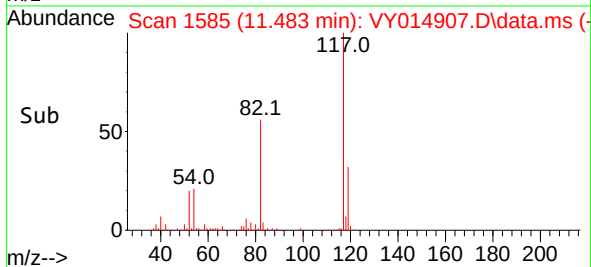
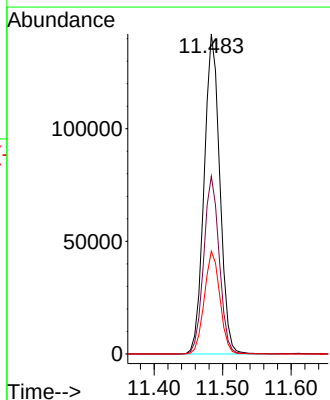
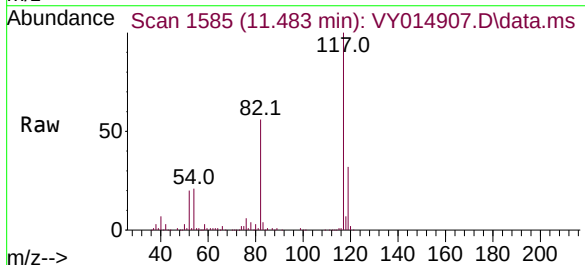
Instrument :
MSVOA_Y
ClientSampleId :
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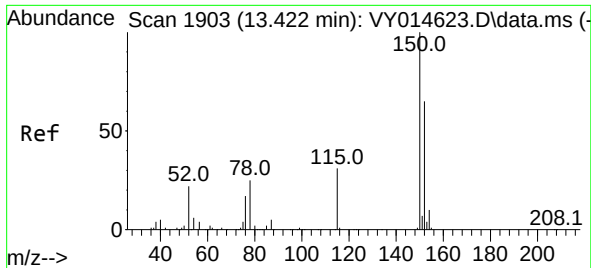
Tgt Ion: 95 Resp: 102641
Ion Ratio Lower Upper
95 100
174 83.6 0.0 178.2
176 80.6 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY014907.D
Acq: 28 Jul 2023 14:31

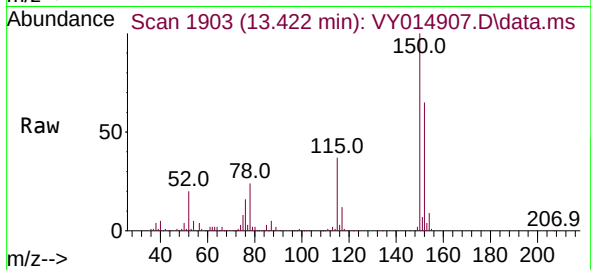
Tgt Ion: 117 Resp: 226531
Ion Ratio Lower Upper
117 100
82 55.6 43.4 65.0
119 32.1 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY014907.D
 Acq: 28 Jul 2023 14:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-28-0-2-20230721



Tgt Ion:152 Resp: 107384
 Ion Ratio Lower Upper
 152 100
 115 59.8 28.8 86.5
 150 158.8 0.0 348.8

