

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080323\
 Data File : VY014949.D
 Acq On : 03 Aug 2023 15:28
 Operator : SY/MD
 Sample : 03877-04
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-2

Quant Time: Aug 04 04:32:12 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)

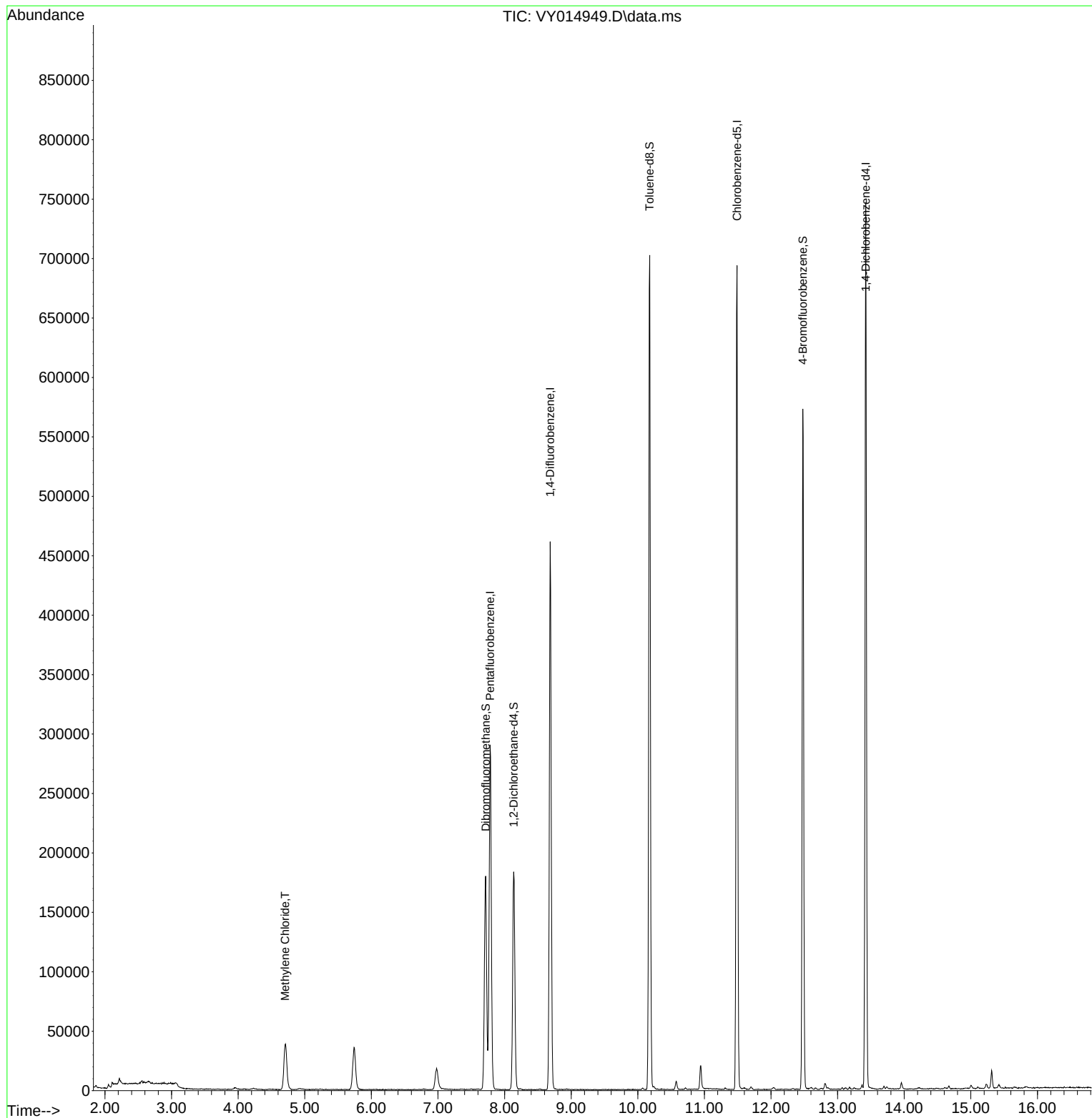
Internal Standards						
1) Pentafluorobenzene	7.783	168	221694	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	392028	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	375323	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	184147	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	147515	58.392	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.780%
35) Dibromofluoromethane	7.716	113	124730	49.981	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.960%
50) Toluene-d8	10.179	98	462655	50.285	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.580%
62) 4-Bromofluorobenzene	12.477	95	175706	49.805	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.620%
Target Compounds						Qvalue
20) Methylene Chloride	4.704	84	30363	8.140	ug/l	# 84

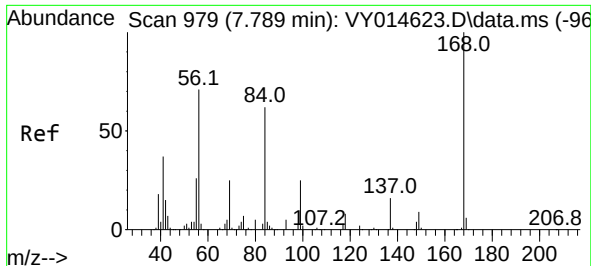
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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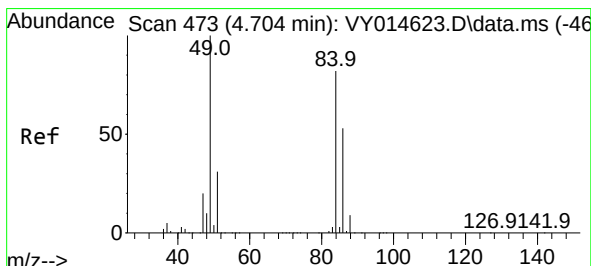
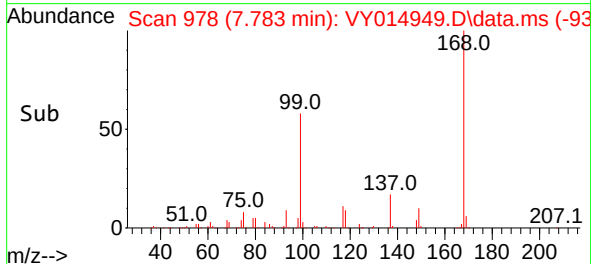
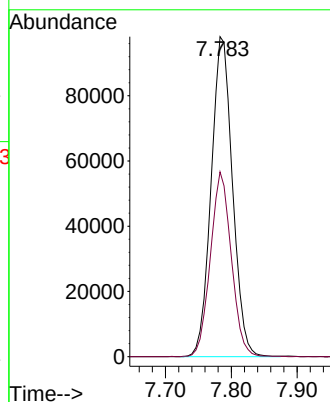
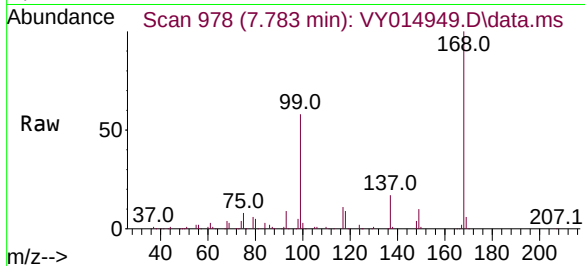




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014949.D
Acq: 03 Aug 2023 15:28

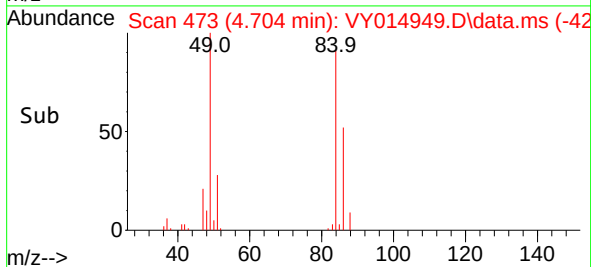
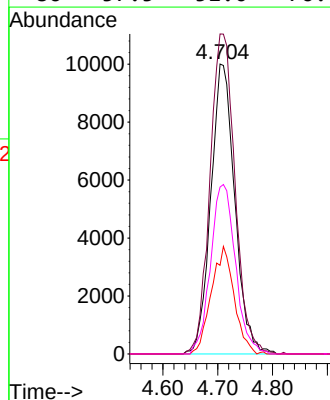
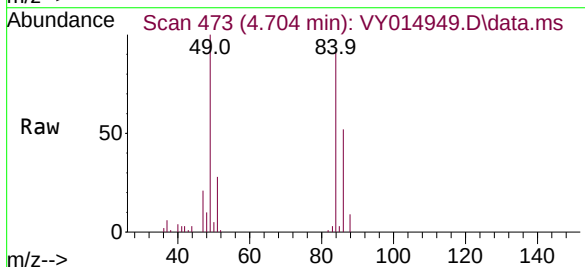
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

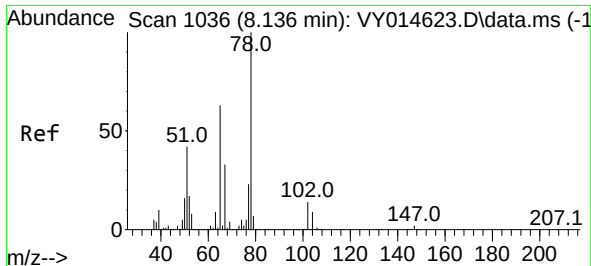
Tgt Ion:168 Resp: 221694
Ion Ratio Lower Upper
168 100
99 57.8 43.4 65.0



#20
Methylene Chloride
Concen: 8.140 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY014949.D
Acq: 03 Aug 2023 15:28

Tgt Ion: 84 Resp: 30363
Ion Ratio Lower Upper
84 100
49 110.4 106.9 160.3
51 30.6 33.2 49.8#
86 57.5 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 58.392 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY014949.D

Acq: 03 Aug 2023 15:28

Instrument :

MSVOA_Y

ClientSampleId :

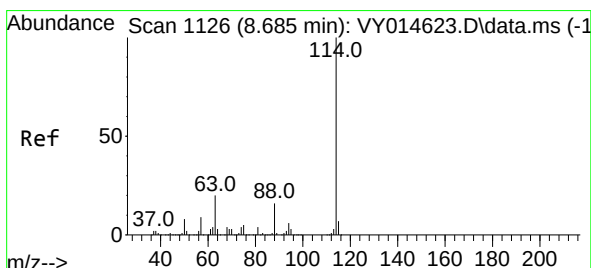
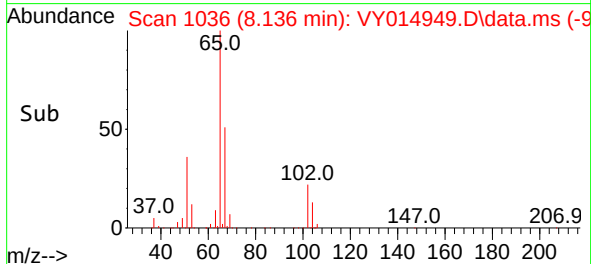
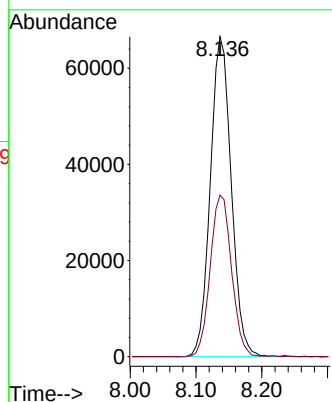
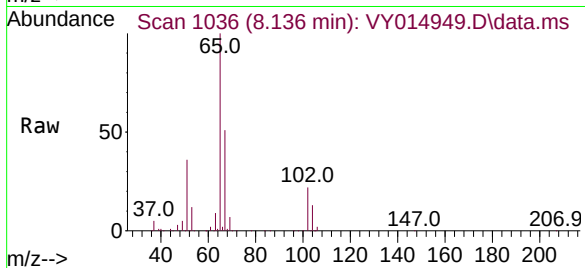
COMP-2

Tgt Ion: 65 Resp: 147515

Ion Ratio Lower Upper

65 100

67 51.4 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: VY014949.D

Acq: 03 Aug 2023 15:28

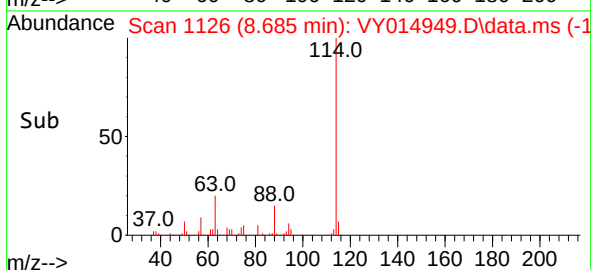
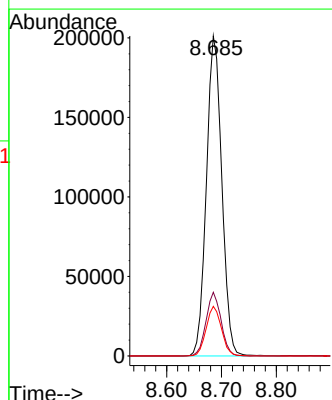
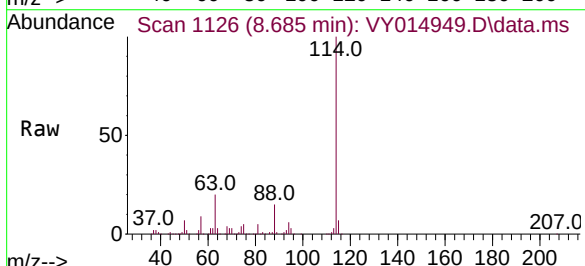
Tgt Ion: 114 Resp: 392028

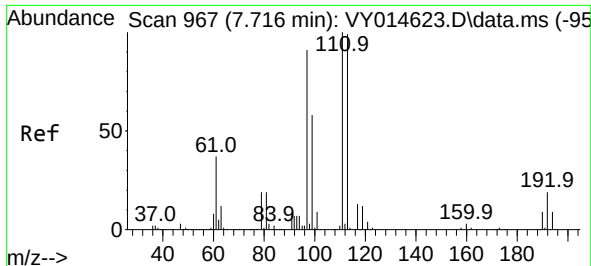
Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.4

88 15.5 0.0 30.6

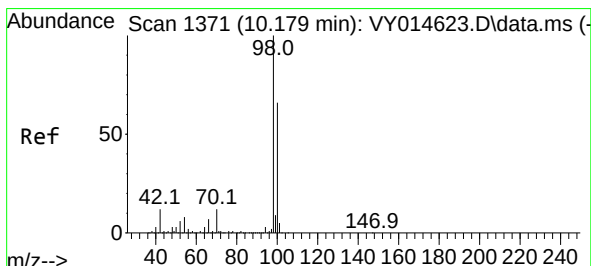
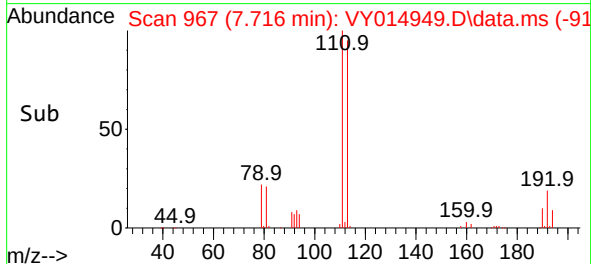
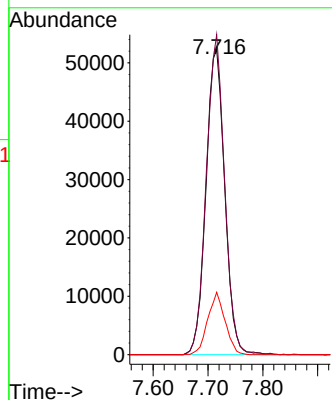
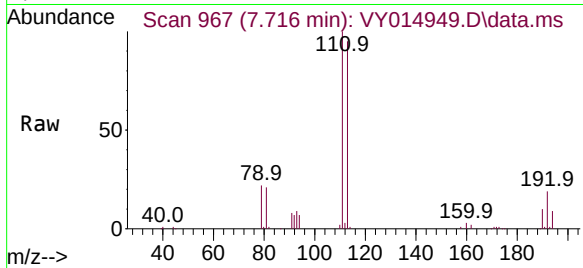




#35
Dibromofluoromethane
Concen: 49.981 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY014949.D
Acq: 03 Aug 2023 15:28

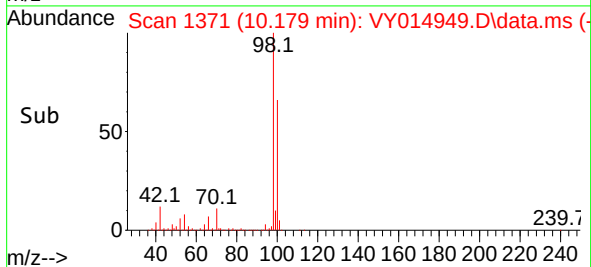
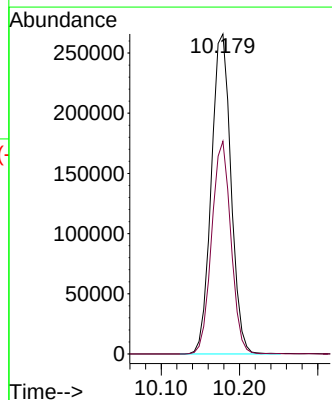
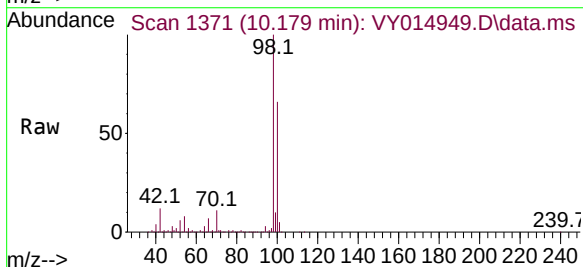
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

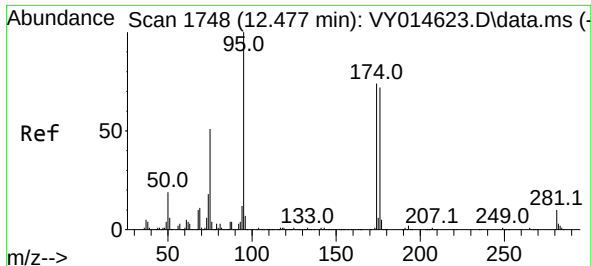
Tgt Ion:113 Resp: 124730
Ion Ratio Lower Upper
113 100
111 101.9 81.3 121.9
192 18.9 16.9 25.3



#50
Toluene-d8
Concen: 50.285 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014949.D
Acq: 03 Aug 2023 15:28

Tgt Ion: 98 Resp: 462655
Ion Ratio Lower Upper
98 100
100 65.0 50.1 75.1

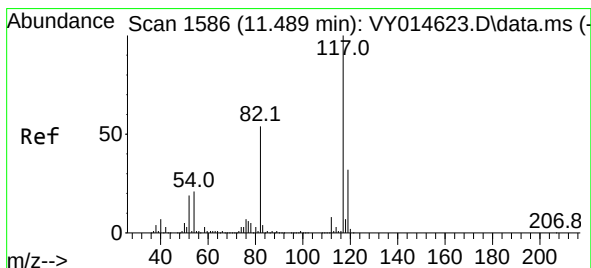
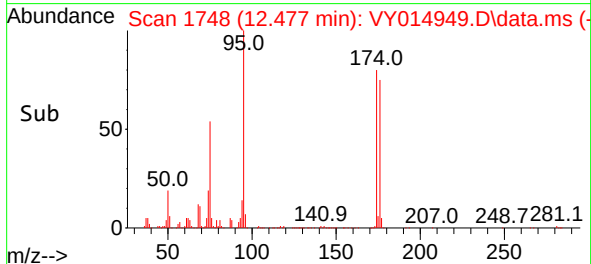
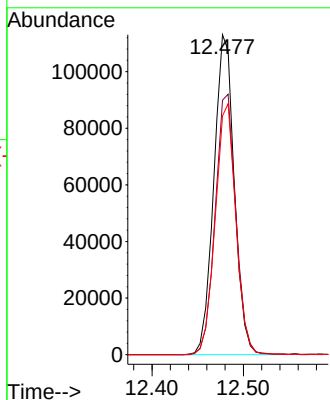
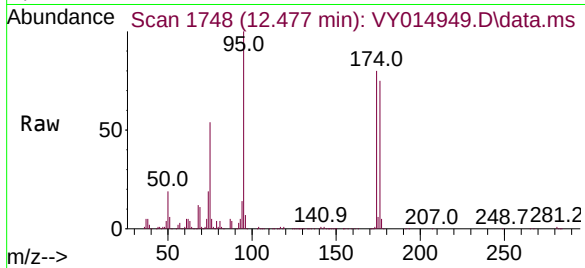




#62
4-Bromofluorobenzene
Concen: 49.805 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014949.D
Acq: 03 Aug 2023 15:28

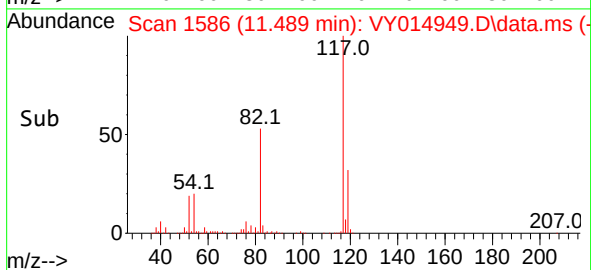
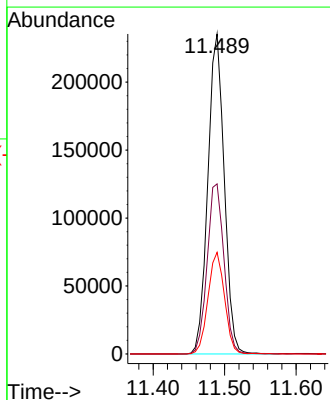
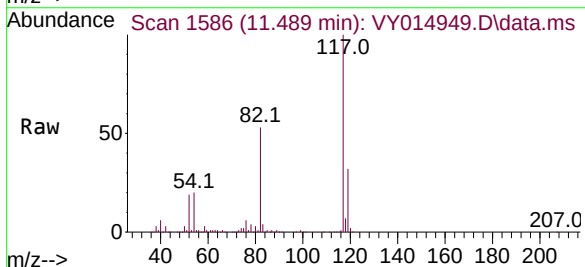
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

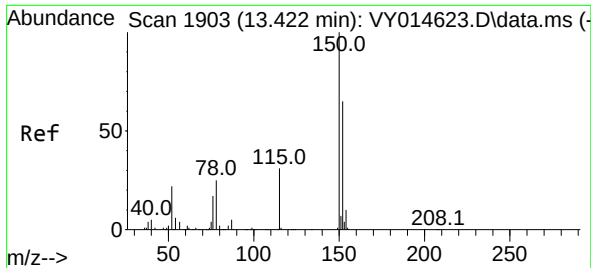
Tgt Ion: 95 Resp: 175706
Ion Ratio Lower Upper
95 100
174 82.4 0.0 178.2
176 78.9 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014949.D
Acq: 03 Aug 2023 15:28

Tgt Ion: 117 Resp: 375323
Ion Ratio Lower Upper
117 100
82 53.1 43.4 65.0
119 31.8 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: VY014949.D

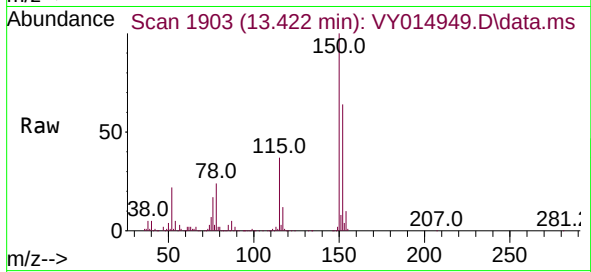
Acq: 03 Aug 2023 15:28

Instrument :

MSVOA_Y

ClientSampleId :

COMP-2



Tgt Ion:152 Resp: 184147

Ion Ratio Lower Upper

152 100

115 58.8 28.8 86.5

150 155.3 0.0 348.8

