

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081523\
 Data File : VY015109.D
 Acq On : 15 Aug 2023 17:29
 Operator : SY/MD
 Sample : 04011-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-03-081423

Quant Time: Aug 16 02:07:16 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)

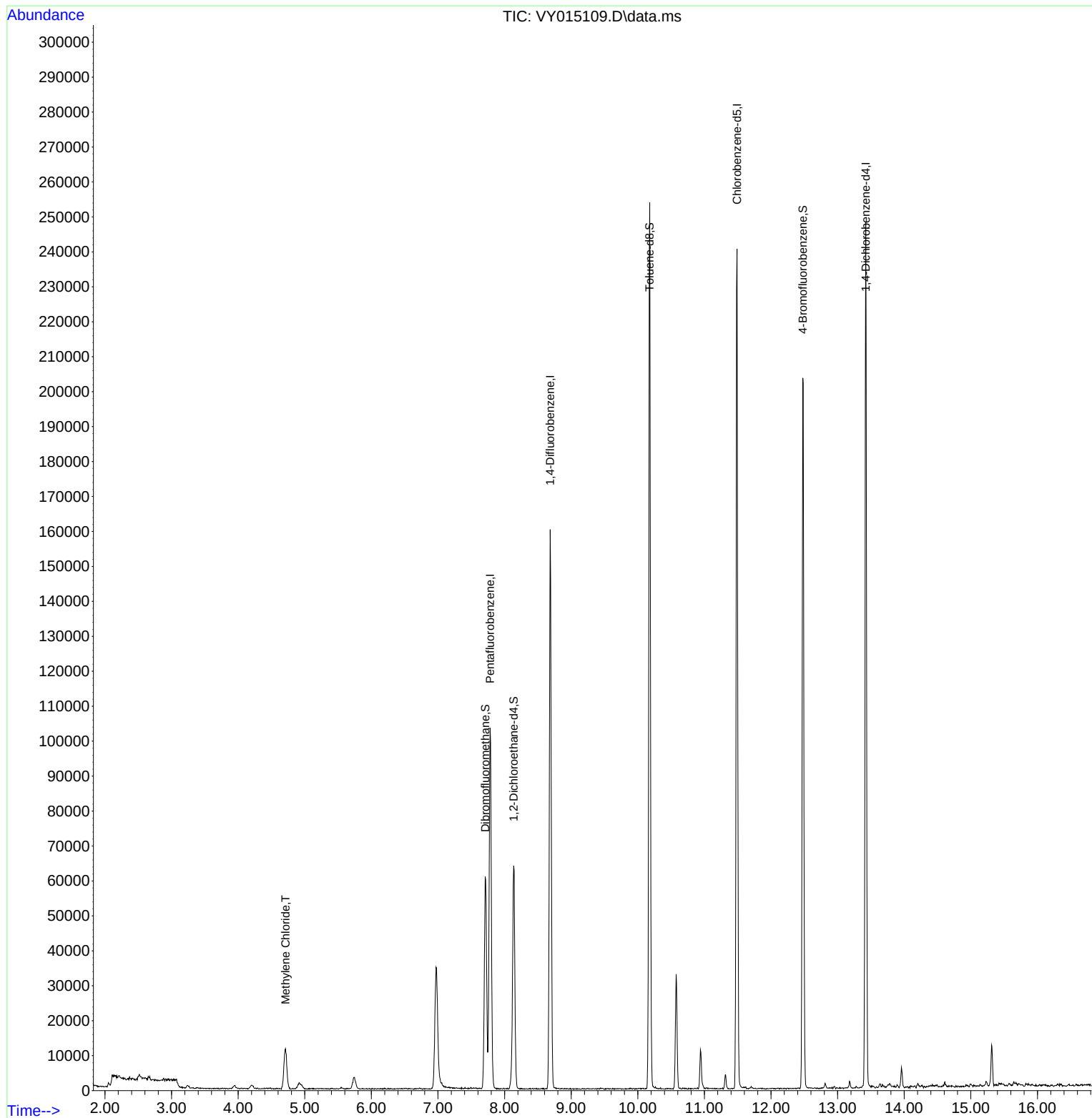
Internal Standards						
1) Pentafluorobenzene	7.783	168	81666	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	137485	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	130823	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	63143	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	49064	50.049	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.100%
35) Dibromofluoromethane	7.710	113	43381	49.046	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.100%
50) Toluene-d8	10.179	98	164199	49.869	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.740%
62) 4-Bromofluorobenzene	12.477	95	59186	49.215	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.420%
Target Compounds						Qvalue
20) Methylene Chloride	4.710	84	8905	7.965	ug/l	92

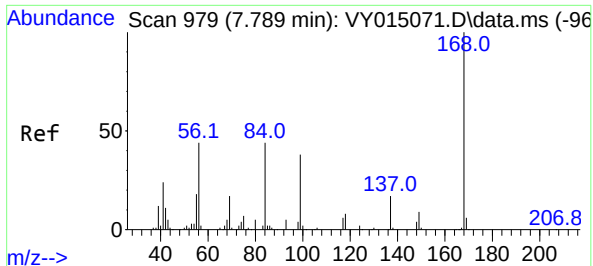
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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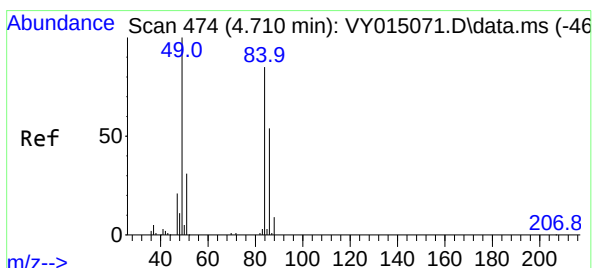
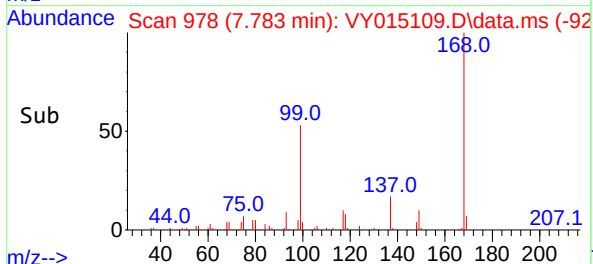
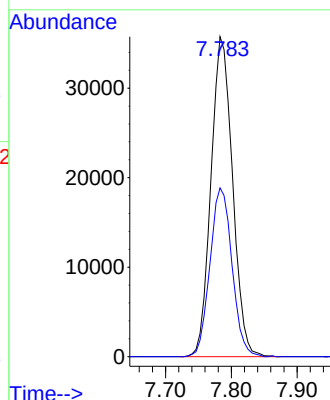
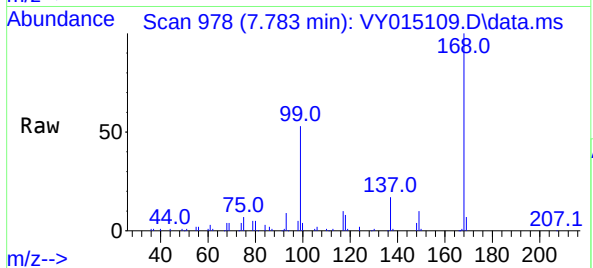




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015109.D
Acq: 15 Aug 2023 17:29

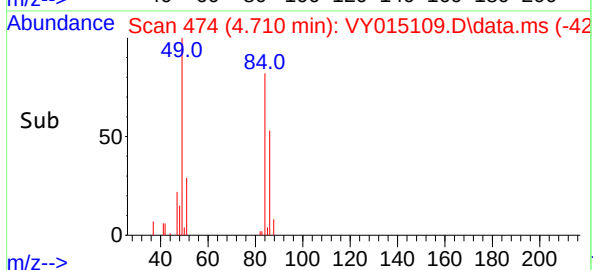
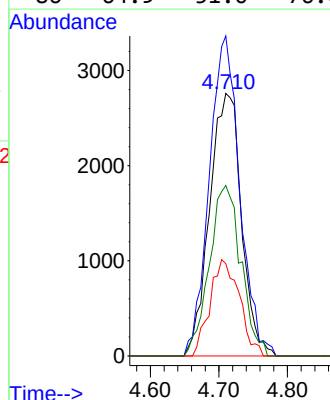
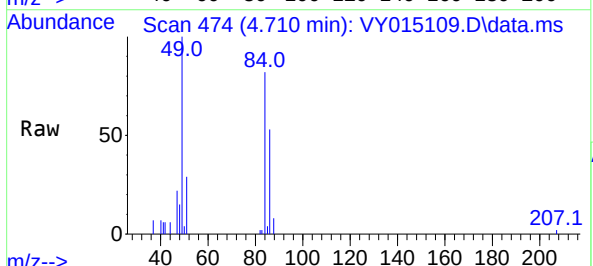
Instrument :
MSVOA_Y
ClientSampleId :
SU-03-081423

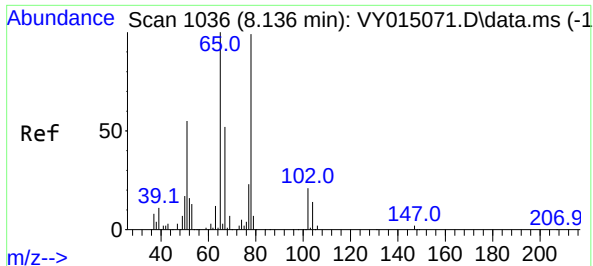
Tgt Ion:168 Resp: 81666
Ion Ratio Lower Upper
168 100
99 52.8 43.4 65.0



#20
Methylene Chloride
Concen: 7.965 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY015109.D
Acq: 15 Aug 2023 17:29

Tgt Ion: 84 Resp: 8905
Ion Ratio Lower Upper
84 100
49 121.9 106.9 160.3
51 35.2 33.2 49.8
86 64.9 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 50.049 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY015109.D

Acq: 15 Aug 2023 17:29

Instrument :

MSVOA_Y

ClientSampleId :

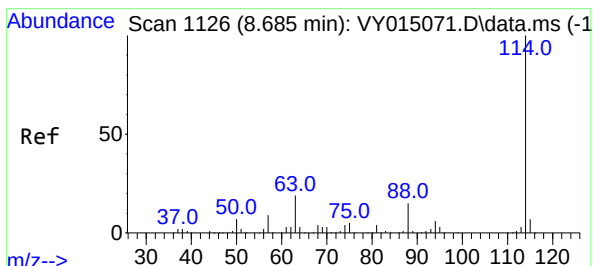
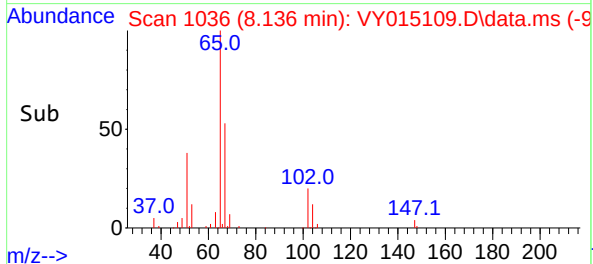
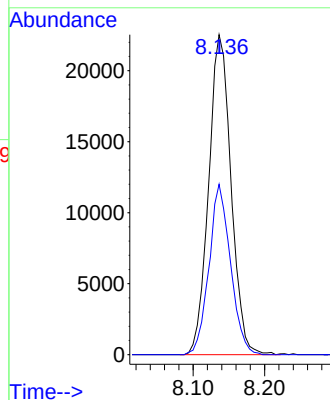
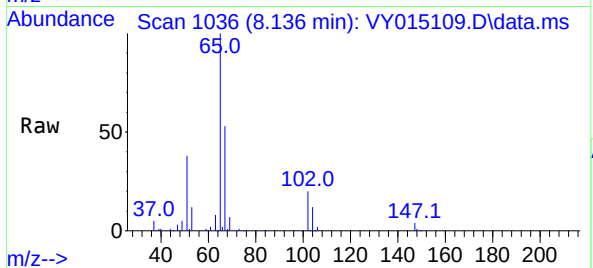
SU-03-081423

Tgt Ion: 65 Resp: 49064

Ion Ratio Lower Upper

65 100

67 51.0 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: VY015109.D

Acq: 15 Aug 2023 17:29

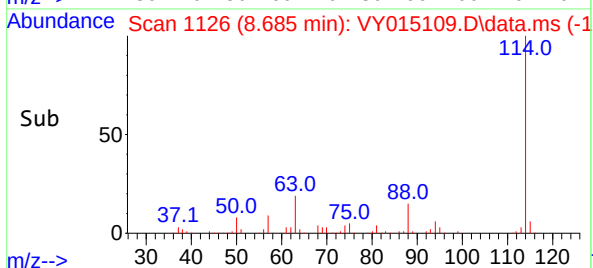
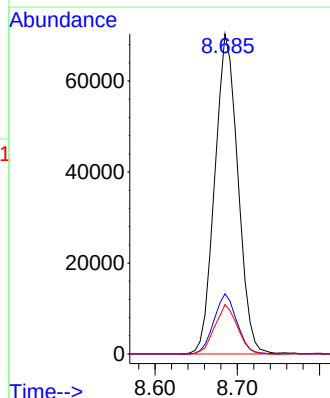
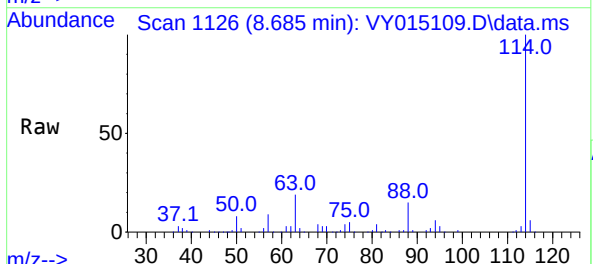
Tgt Ion: 114 Resp: 137485

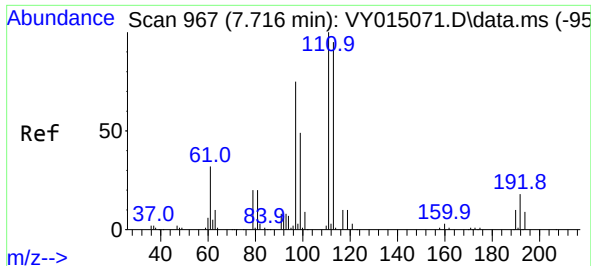
Ion Ratio Lower Upper

114 100

63 18.8 0.0 42.4

88 15.4 0.0 30.6

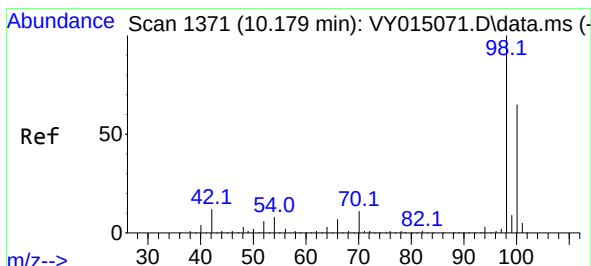
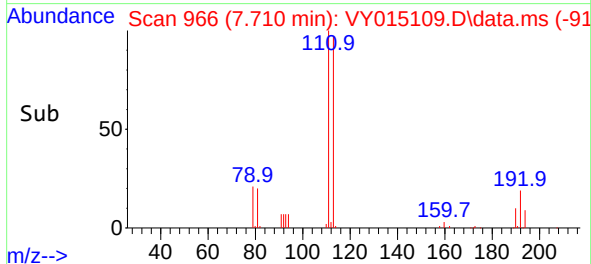
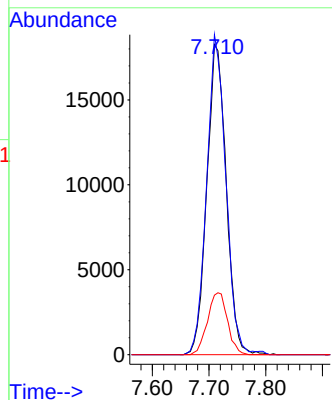
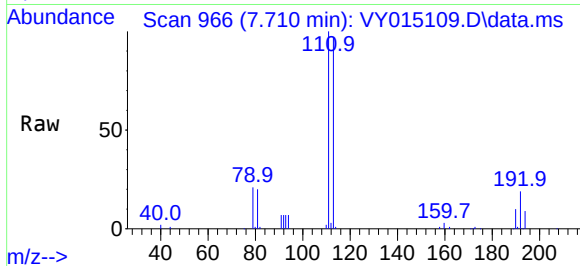




#35
Dibromofluoromethane
Concen: 49.046 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY015109.D
Acq: 15 Aug 2023 17:29

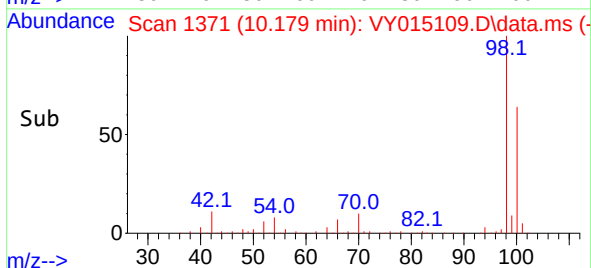
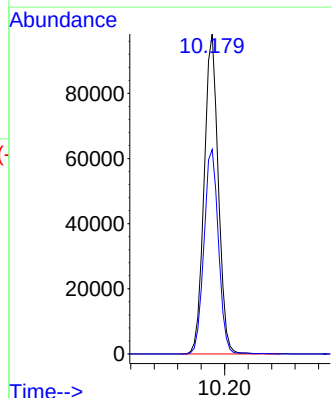
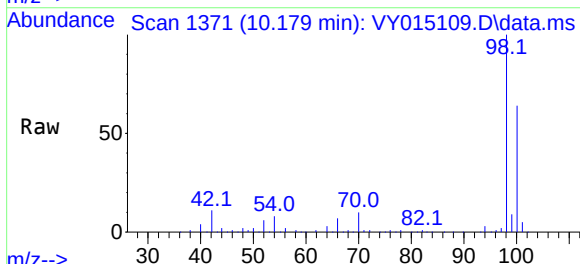
Instrument :
MSVOA_Y
ClientSampleId :
SU-03-081423

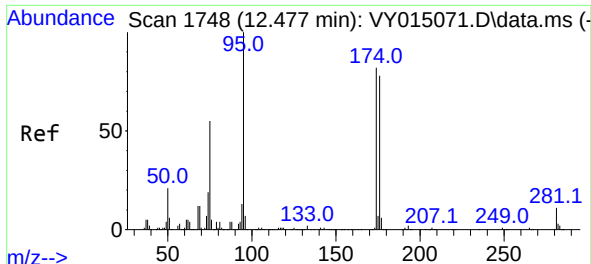
Tgt Ion:113 Resp: 43381
Ion Ratio Lower Upper
113 100
111 102.1 81.3 121.9
192 20.6 16.9 25.3



#50
Toluene-d8
Concen: 49.869 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015109.D
Acq: 15 Aug 2023 17:29

Tgt Ion: 98 Resp: 164199
Ion Ratio Lower Upper
98 100
100 65.3 50.1 75.1

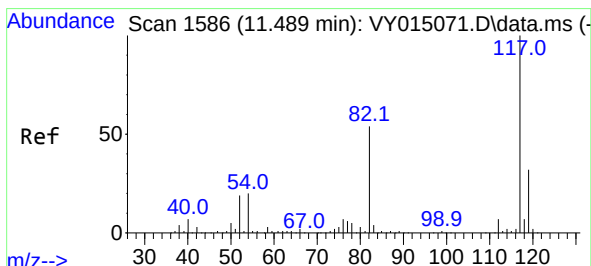
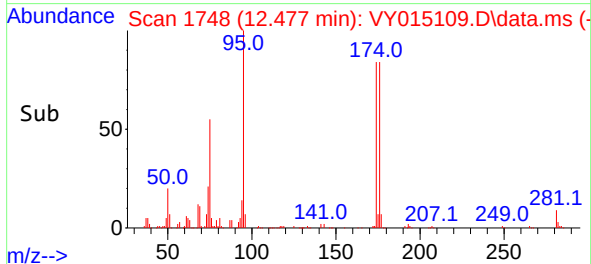
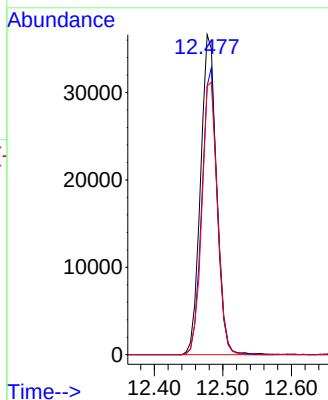
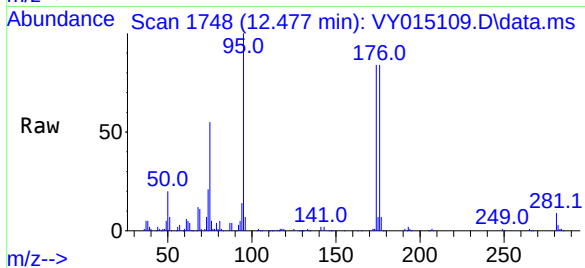




#62
4-Bromofluorobenzene
Concen: 49.215 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015109.D
Acq: 15 Aug 2023 17:29

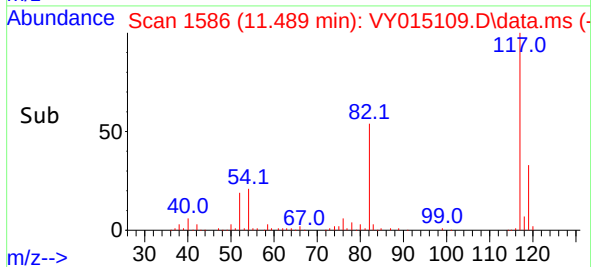
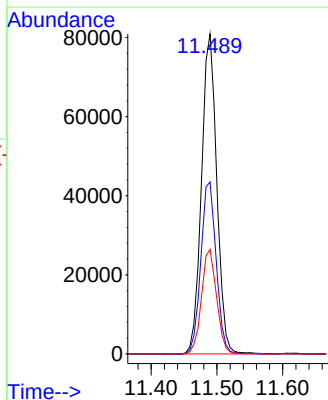
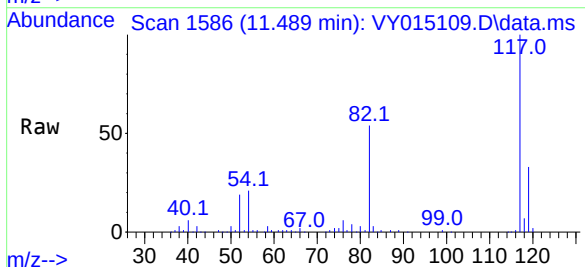
Instrument :
MSVOA_Y
ClientSampleId :
SU-03-081423

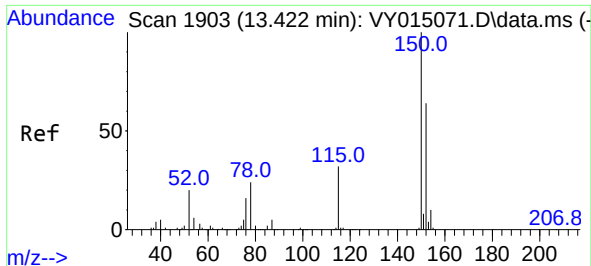
Tgt Ion: 95 Resp: 59186
Ion Ratio Lower Upper
95 100
174 86.9 0.0 178.2
176 83.3 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY015109.D
Acq: 15 Aug 2023 17:29

Tgt Ion: 117 Resp: 130823
Ion Ratio Lower Upper
117 100
82 53.7 43.4 65.0
119 32.7 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: VY015109.D

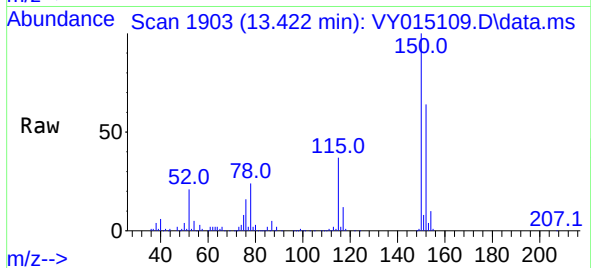
Acq: 15 Aug 2023 17:29

Instrument :

MSVOA_Y

ClientSampleId :

SU-03-081423



Tgt Ion:152 Resp: 63143

Ion Ratio Lower Upper

152 100

115 58.3 28.8 86.5

150 156.4 0.0 348.8

