

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082423\
 Data File : VY015311.D
 Acq On : 24 Aug 2023 14:47
 Operator : SY/MD
 Sample : 04133-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-2-082323

Quant Time: Aug 25 03:19:41 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)

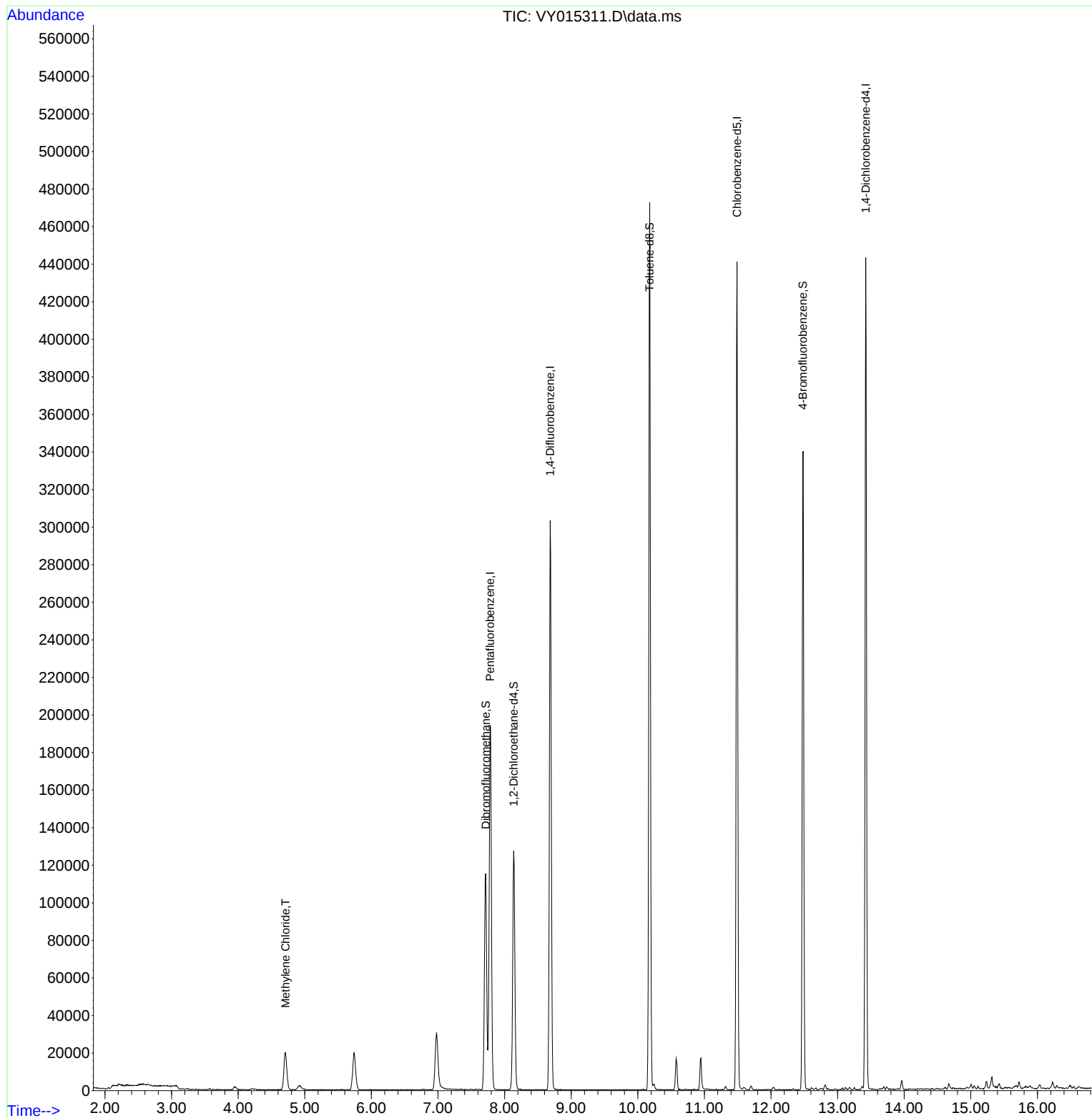
Internal Standards						
1) Pentafluorobenzene	7.783	168	153327	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	258451	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	234140	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	110753	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	98376	53.449	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.900%
35) Dibromofluoromethane	7.716	113	81453	48.988	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.980%
50) Toluene-d8	10.179	98	303303	49.003	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.000%
62) 4-Bromofluorobenzene	12.477	95	102434	45.311	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.620%
Target Compounds						
20) Methylene Chloride	4.710	84	15143	6.768	ug/l	90

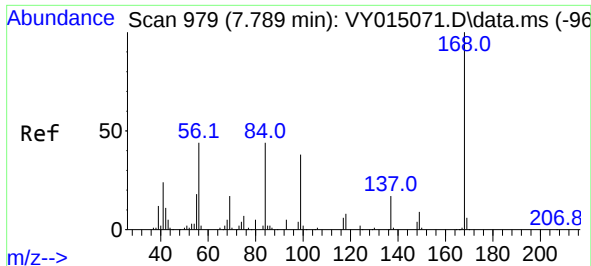
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082423\
Data File : VY015311.D
Acq On : 24 Aug 2023 14:47
Operator : SY/MD
Sample : 04133-01
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
OK-2-082323

Quant Time: Aug 25 03:19:41 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

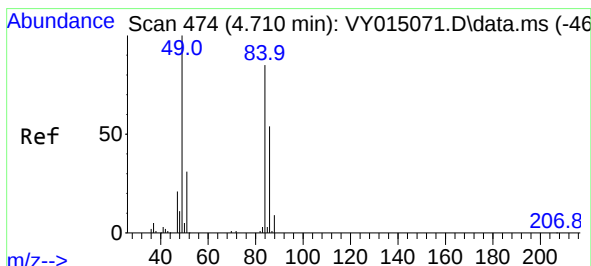
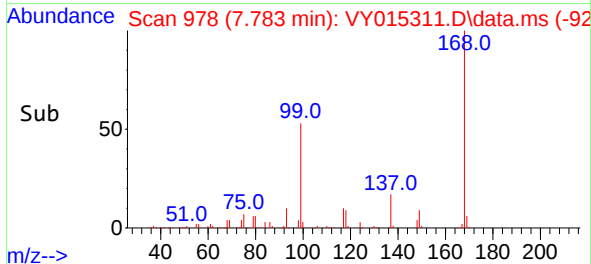
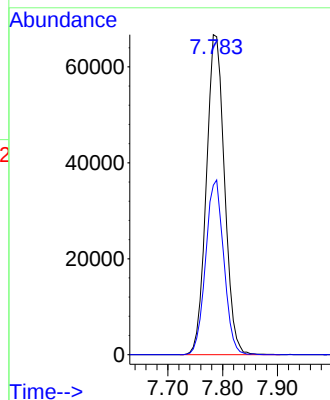
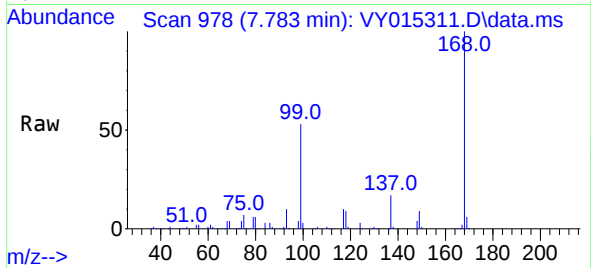




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015311.D
Acq: 24 Aug 2023 14:47

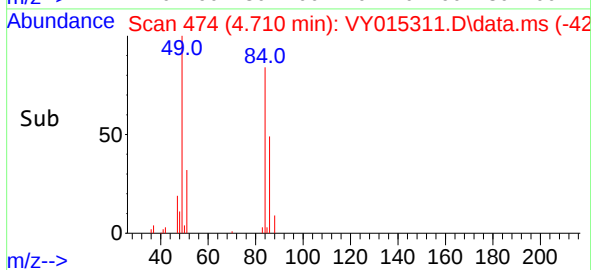
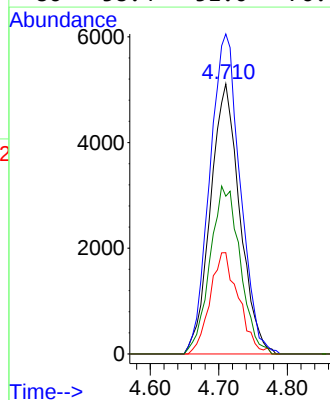
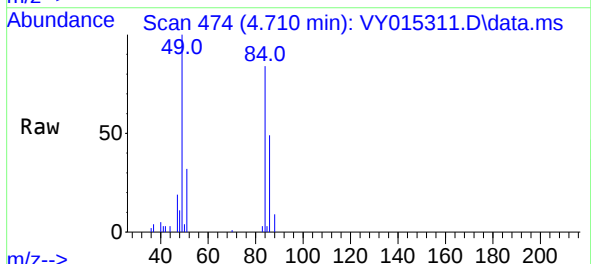
Instrument :
MSVOA_Y
ClientSampleId :
OK-2-082323

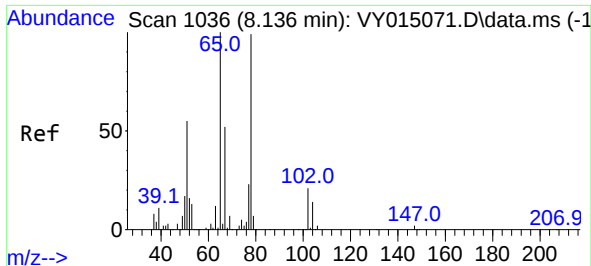
Tgt Ion:168 Resp: 153327
Ion Ratio Lower Upper
168 100
99 52.9 43.4 65.0



#20
Methylene Chloride
Concen: 6.768 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY015311.D
Acq: 24 Aug 2023 14:47

Tgt Ion: 84 Resp: 15143
Ion Ratio Lower Upper
84 100
49 118.5 106.9 160.3
51 37.5 33.2 49.8
86 58.4 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 53.449 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY015311.D

Acq: 24 Aug 2023 14:47

Instrument :

MSVOA_Y

ClientSampleId :

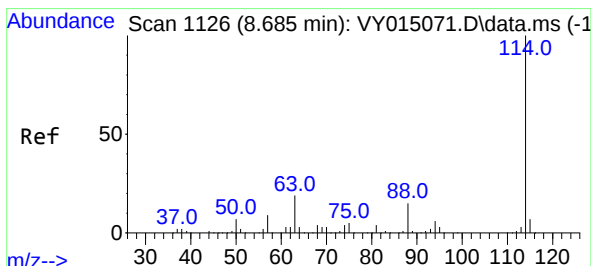
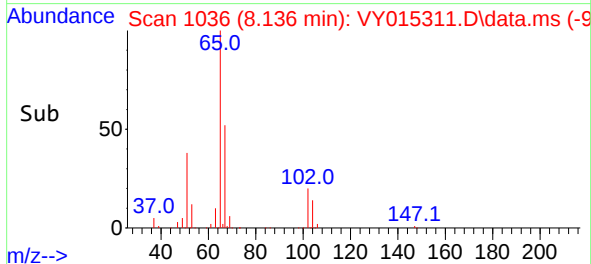
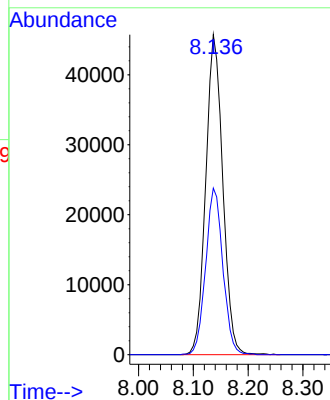
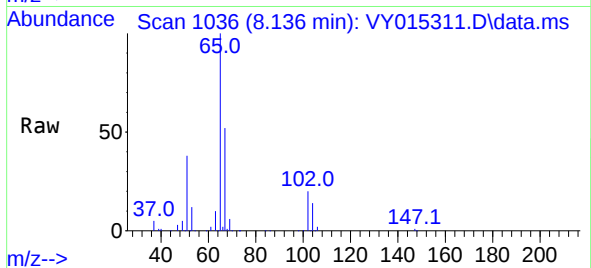
OK-2-082323

Tgt Ion: 65 Resp: 98376

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: VY015311.D

Acq: 24 Aug 2023 14:47

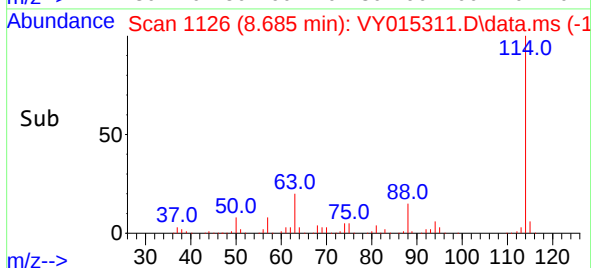
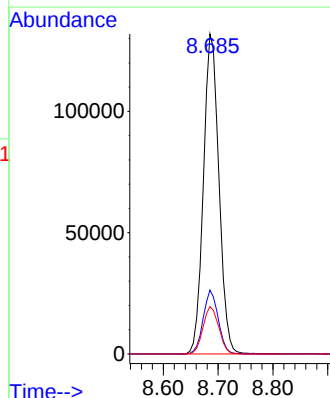
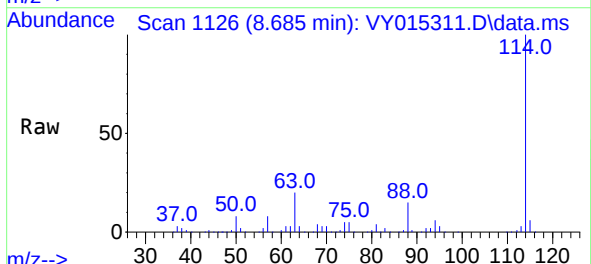
Tgt Ion: 114 Resp: 258451

Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.4

88 14.8 0.0 30.6

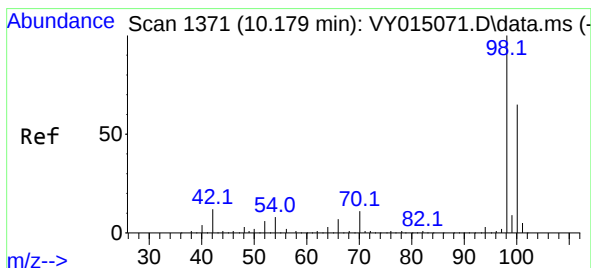
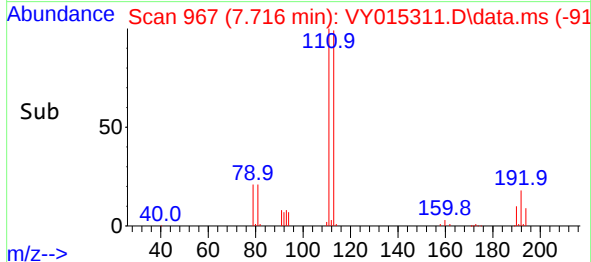
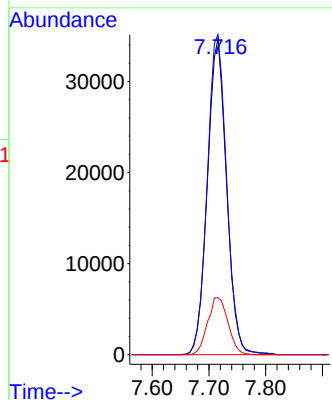
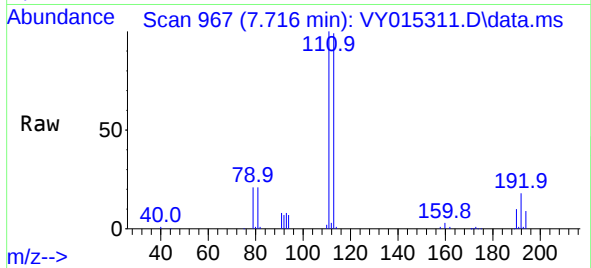




#35
Dibromofluoromethane
Concen: 48.988 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY015311.D
Acq: 24 Aug 2023 14:47

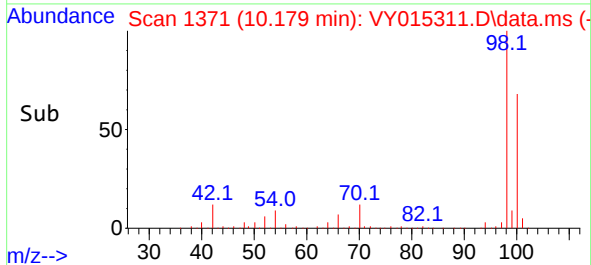
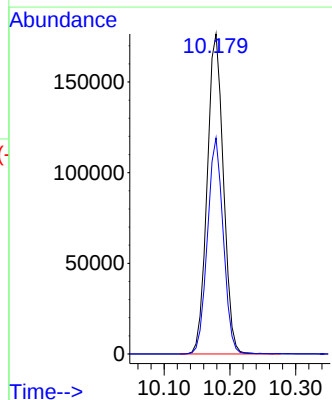
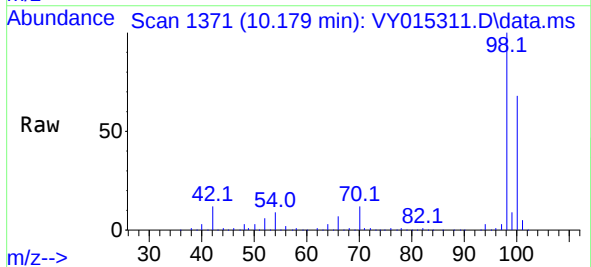
Instrument :
MSVOA_Y
ClientSampleId :
OK-2-082323

Tgt Ion:113 Resp: 81453
Ion Ratio Lower Upper
113 100
111 102.5 81.3 121.9
192 19.1 16.9 25.3



#50
Toluene-d8
Concen: 49.003 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015311.D
Acq: 24 Aug 2023 14:47

Tgt Ion: 98 Resp: 303303
Ion Ratio Lower Upper
98 100
100 65.7 50.1 75.1

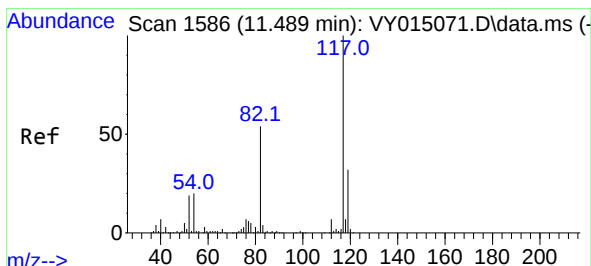
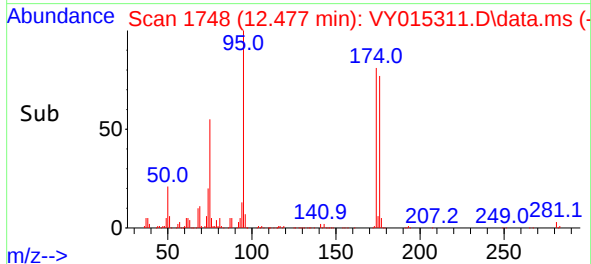
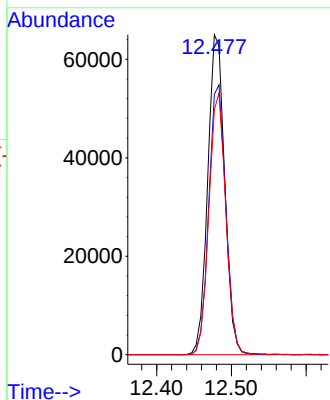
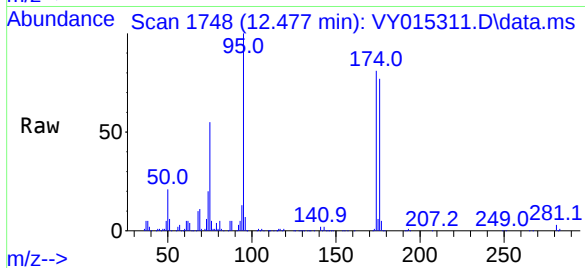




#62
4-Bromofluorobenzene
Concen: 45.311 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015311.D
Acq: 24 Aug 2023 14:47

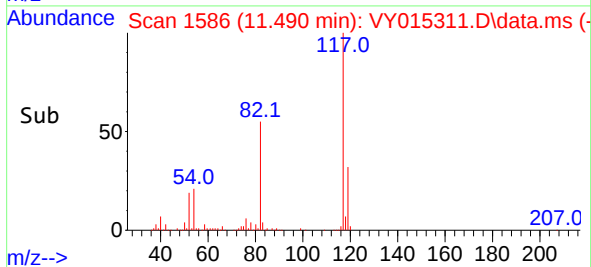
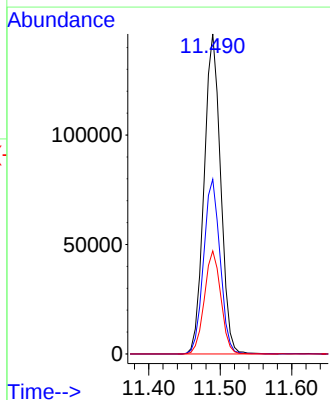
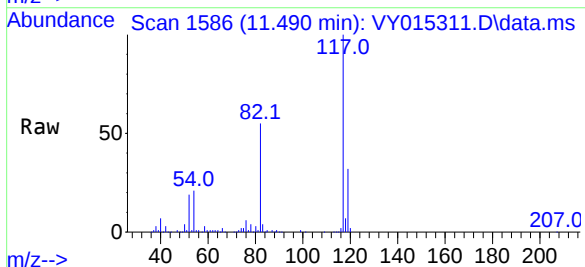
Instrument :
MSVOA_Y
ClientSampleId :
OK-2-082323

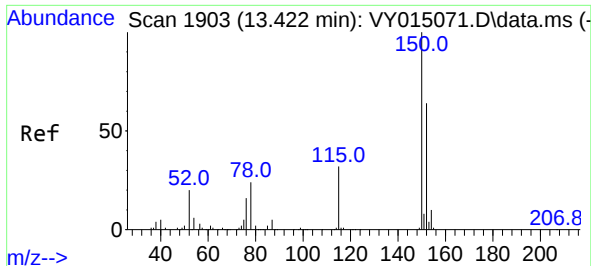
Tgt Ion: 95 Resp: 102434
Ion Ratio Lower Upper
95 100
174 84.7 0.0 178.2
176 81.3 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015311.D
Acq: 24 Aug 2023 14:47

Tgt Ion: 117 Resp: 234140
Ion Ratio Lower Upper
117 100
82 54.6 43.4 65.0
119 32.2 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: VY015311.D

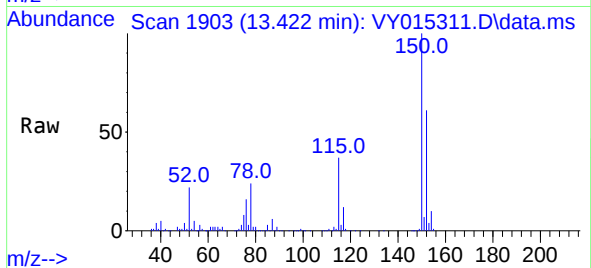
Acq: 24 Aug 2023 14:47

Instrument :

MSVOA_Y

ClientSampleId :

OK-2-082323



Tgt Ion:152 Resp: 110753

Ion Ratio Lower Upper

152 100

115 58.9 28.8 86.5

150 158.8 0.0 348.8

