

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082123\
 Data File : VY015216.D
 Acq On : 21 Aug 2023 13:28
 Operator : SY/MD
 Sample : 04087-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-03-081823

Quant Time: Aug 22 01:53:28 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)

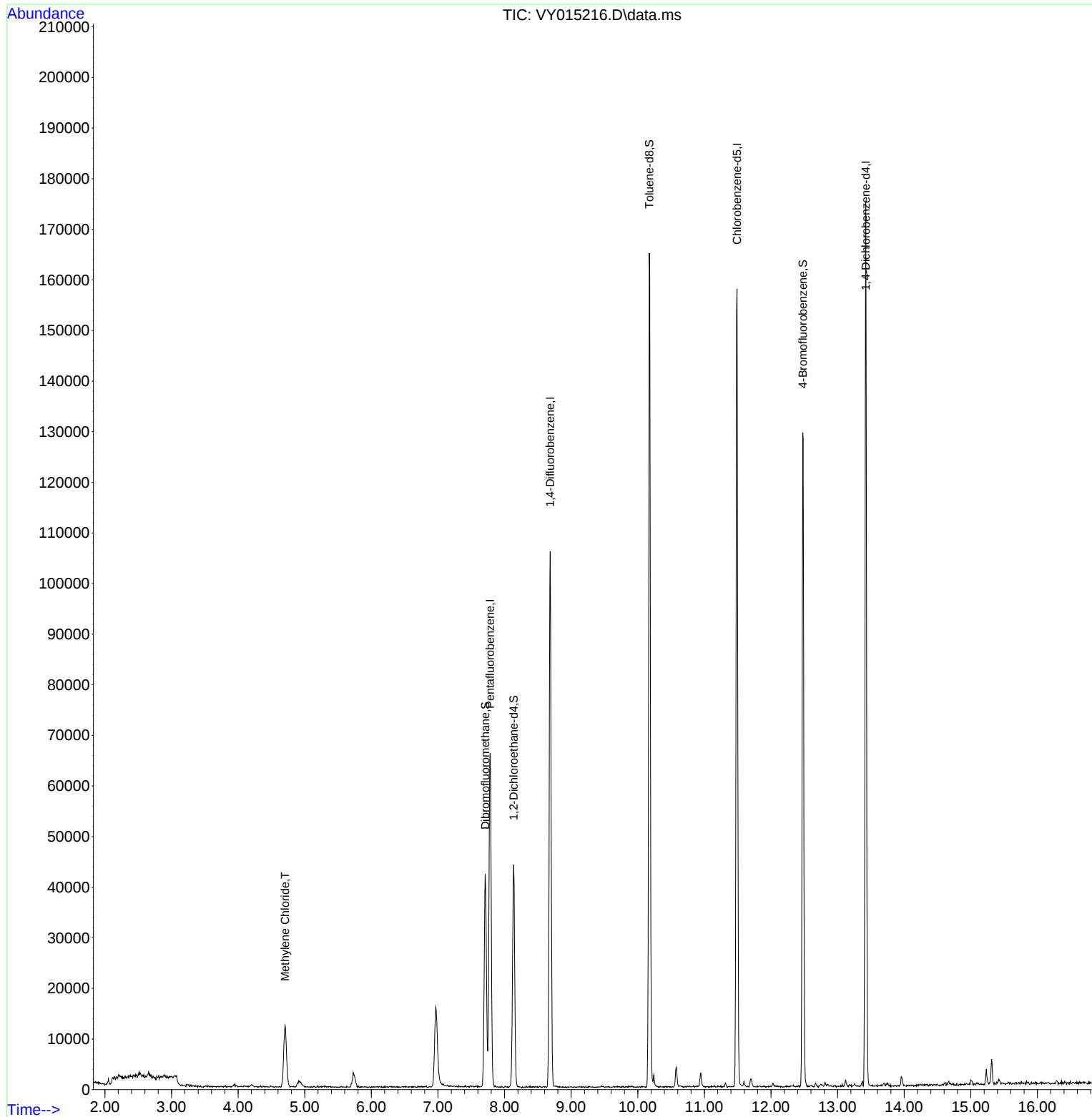
Internal Standards						
1) Pentafluorobenzene	7.783	168	54041	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	91294	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	89586	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	43862	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	33841	52.166	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.340%
35) Dibromofluoromethane	7.710	113	29114	49.570	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.140%
50) Toluene-d8	10.173	98	108061	49.425	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.840%
62) 4-Bromofluorobenzene	12.477	95	39511	49.478	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.960%
Target Compounds						
20) Methylene Chloride	4.704	84	9022	14.706	ug/l	Qvalue # 85

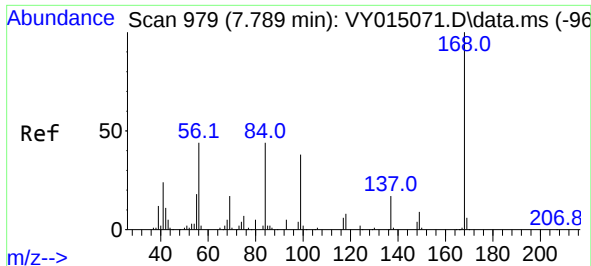
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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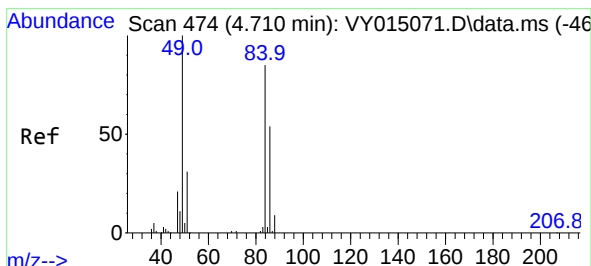
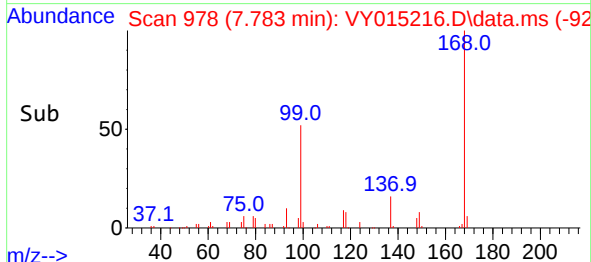
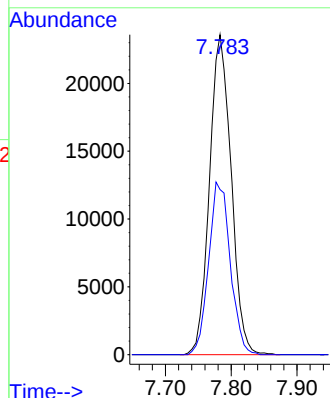
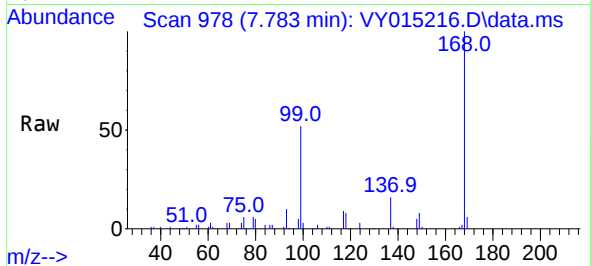




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015216.D
Acq: 21 Aug 2023 13:28

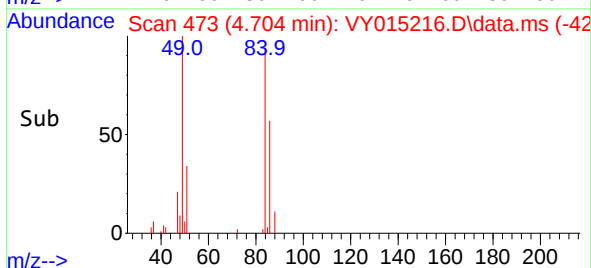
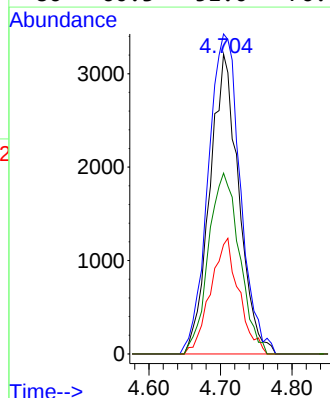
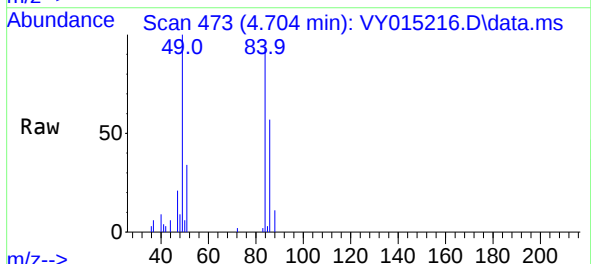
Instrument :
MSVOA_Y
ClientSampleId :
EO-03-081823

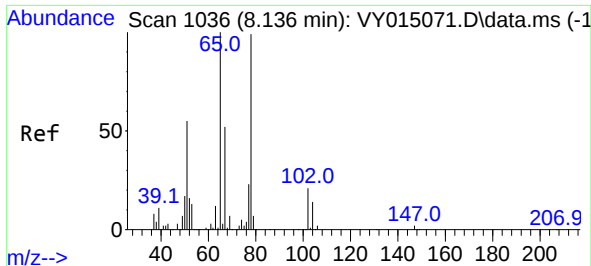
Tgt Ion:168 Resp: 54041
Ion Ratio Lower Upper
168 100
99 51.6 43.4 65.0



#20
Methylene Chloride
Concen: 14.706 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY015216.D
Acq: 21 Aug 2023 13:28

Tgt Ion: 84 Resp: 9022
Ion Ratio Lower Upper
84 100
49 106.7 106.9 160.3#
51 36.4 33.2 49.8
86 60.3 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 52.166 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY015216.D

Acq: 21 Aug 2023 13:28

Instrument :

MSVOA_Y

ClientSampleId :

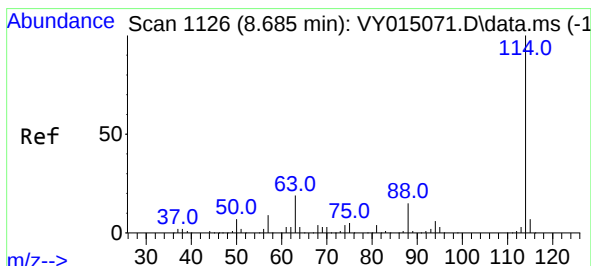
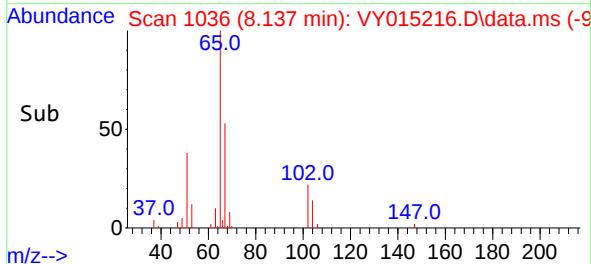
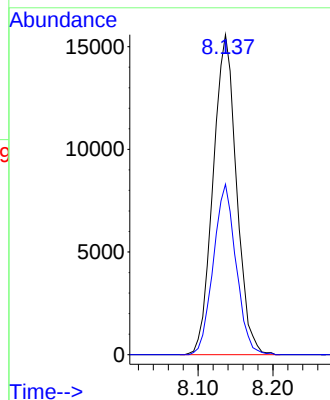
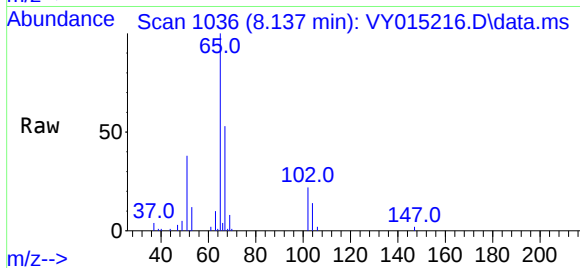
EO-03-081823

Tgt Ion: 65 Resp: 33841

Ion Ratio Lower Upper

65 100

67 51.7 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: VY015216.D

Acq: 21 Aug 2023 13:28

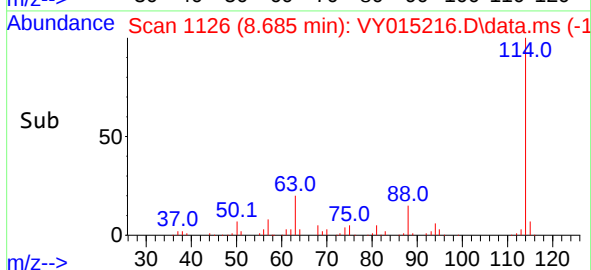
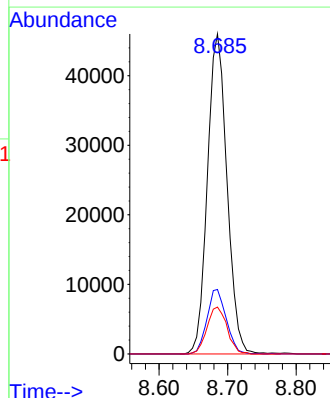
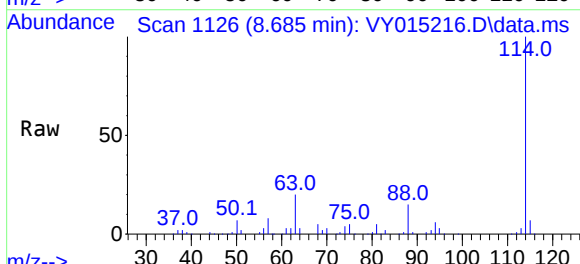
Tgt Ion: 114 Resp: 91294

Ion Ratio Lower Upper

114 100

63 20.2 0.0 42.4

88 14.6 0.0 30.6

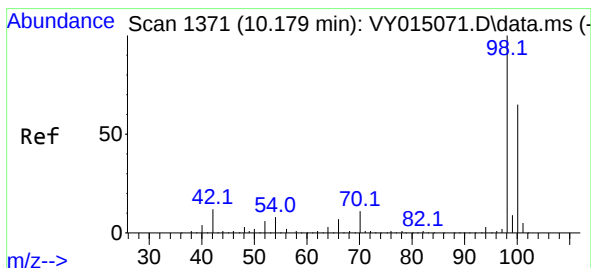
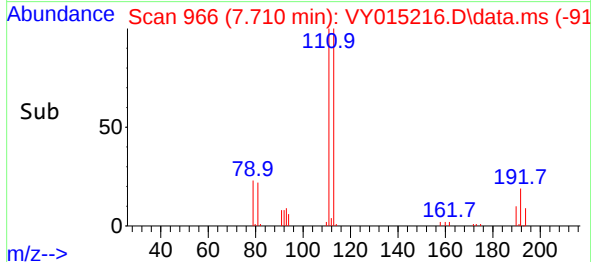
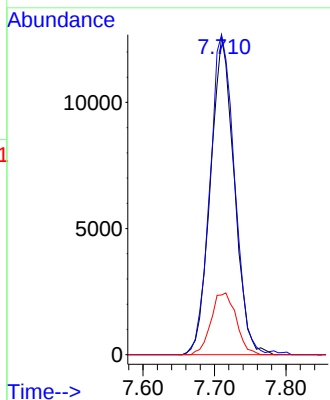
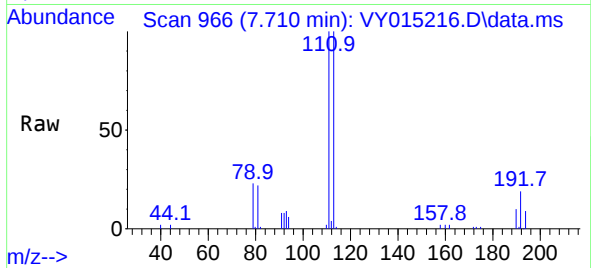




#35
Dibromofluoromethane
Concen: 49.570 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY015216.D
Acq: 21 Aug 2023 13:28

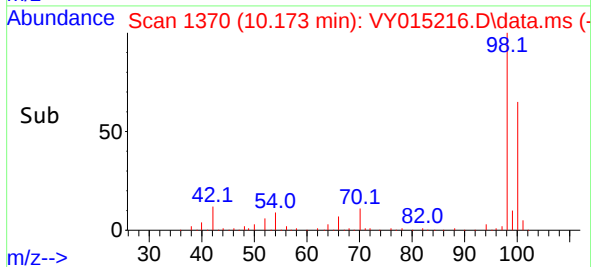
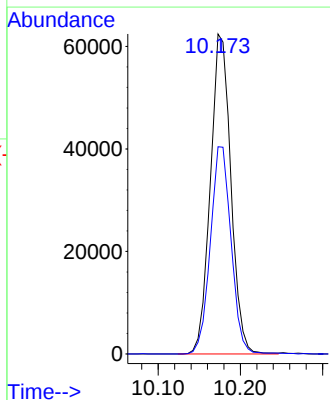
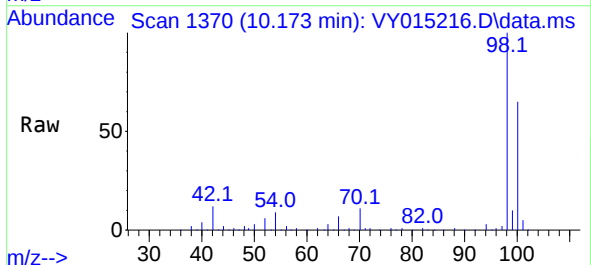
Instrument :
MSVOA_Y
ClientSampleId :
EO-03-081823

Tgt Ion:113 Resp: 29114
Ion Ratio Lower Upper
113 100
111 103.9 81.3 121.9
192 20.5 16.9 25.3



#50
Toluene-d8
Concen: 49.425 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY015216.D
Acq: 21 Aug 2023 13:28

Tgt Ion: 98 Resp: 108061
Ion Ratio Lower Upper
98 100
100 65.6 50.1 75.1

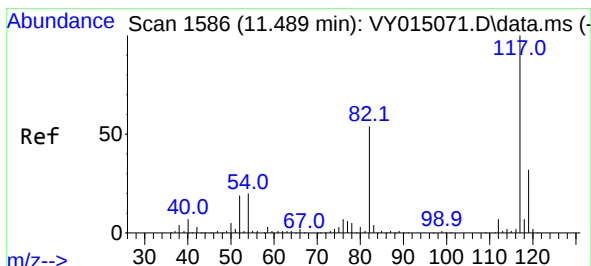
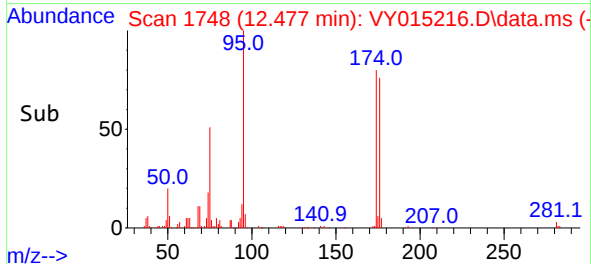
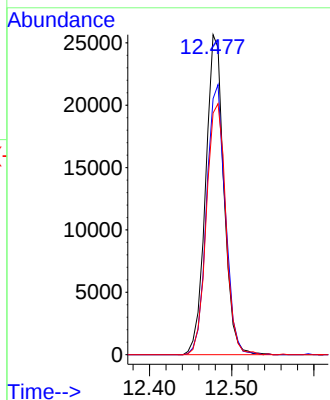
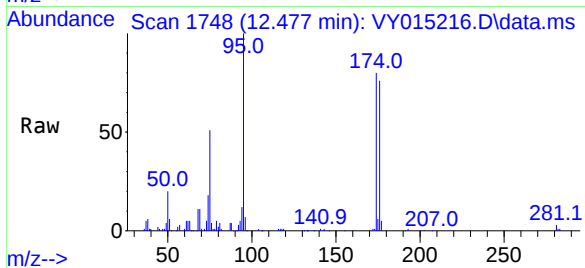




#62
4-Bromofluorobenzene
Concen: 49.478 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015216.D
Acq: 21 Aug 2023 13:28

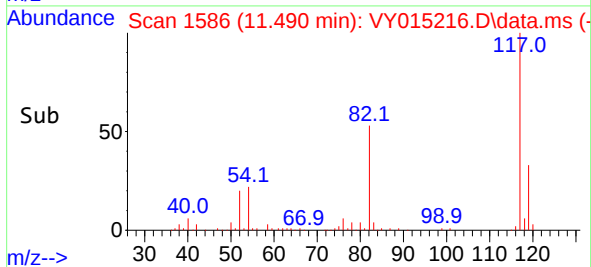
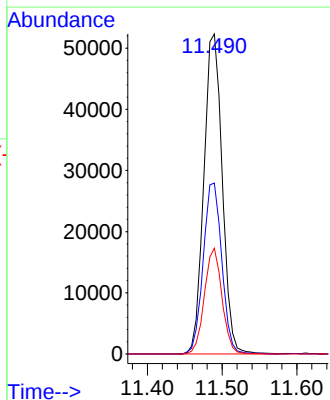
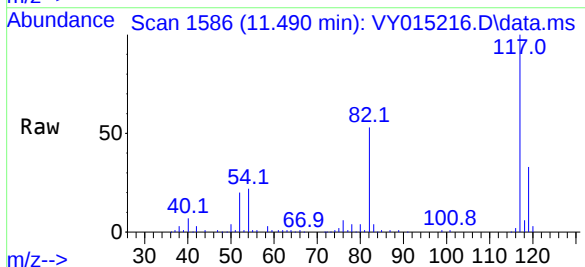
Instrument :
MSVOA_Y
ClientSampleId :
EO-03-081823

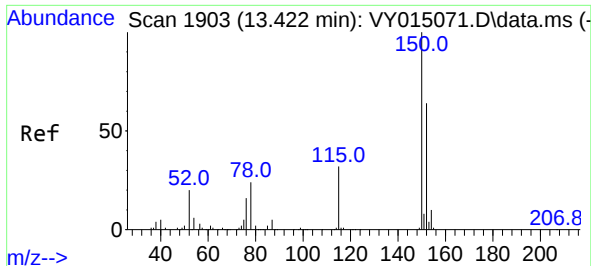
Tgt Ion:	95	Resp:	39511
Ion	Ratio	Lower	Upper
95	100		
174	86.3	0.0	178.2
176	83.1	0.0	173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015216.D
Acq: 21 Aug 2023 13:28

Tgt Ion:	117	Resp:	89586
Ion	Ratio	Lower	Upper
117	100		
82	53.4	43.4	65.0
119	33.0	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: VY015216.D

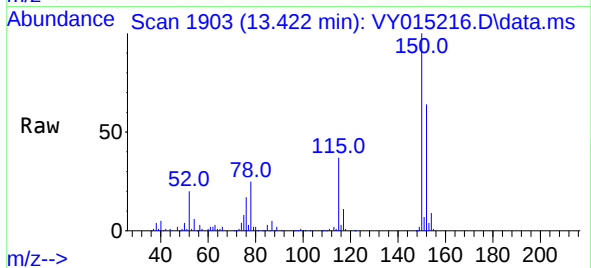
Acq: 21 Aug 2023 13:28

Instrument :

MSVOA_Y

ClientSampleId :

EO-03-081823



Tgt Ion:152 Resp: 43862

Ion Ratio Lower Upper

152 100

115 58.0 28.8 86.5

150 157.4 0.0 348.8

