

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081423\
 Data File : VY015078.D
 Acq On : 14 Aug 2023 14:49
 Operator : SY/MD
 Sample : 03974-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-01-081023

Quant Time: Aug 14 15:02:03 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)

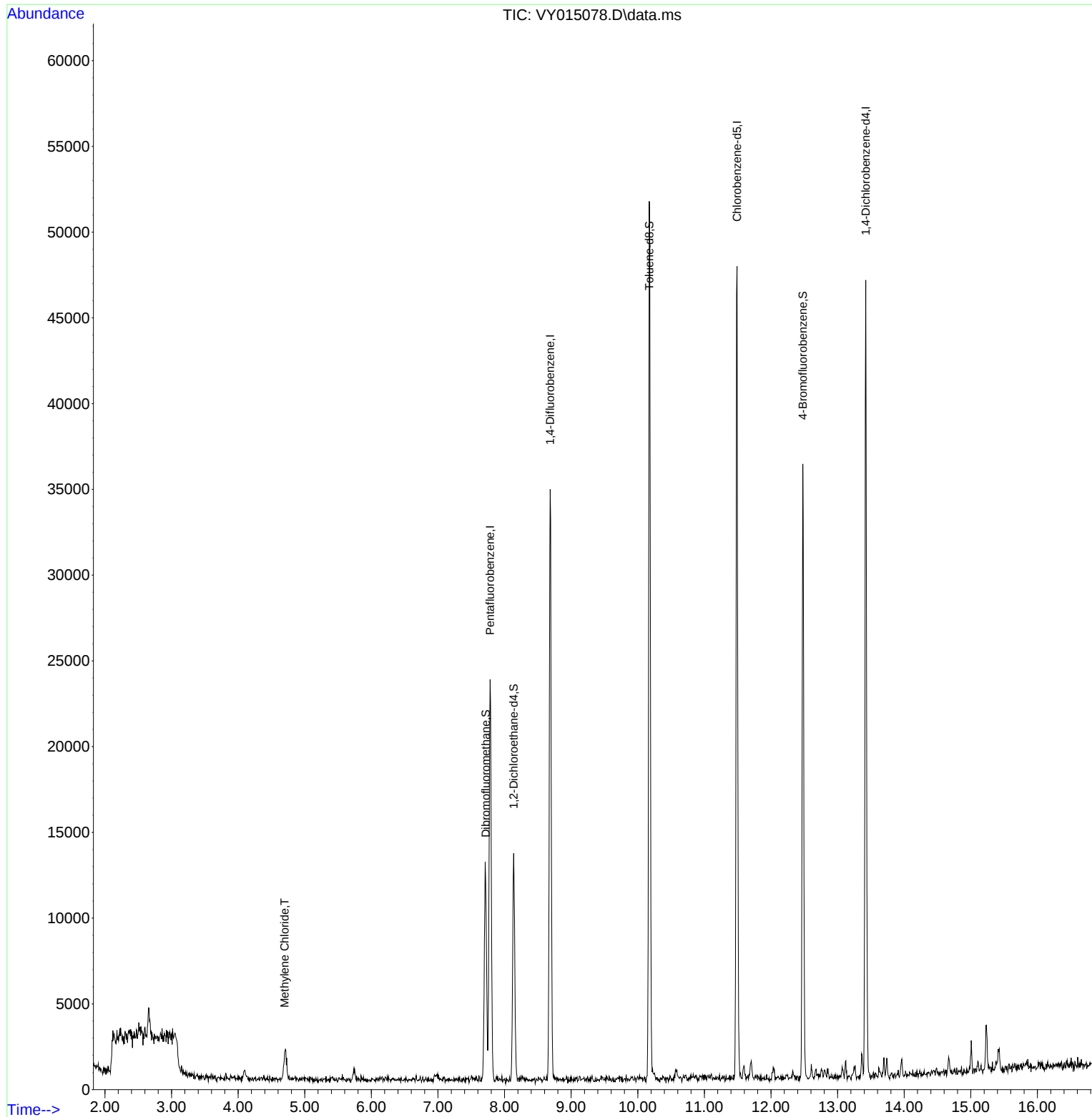
Internal Standards						
1) Pentafluorobenzene	7.783	168	18504	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	30086	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	25677	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	12178	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	10227	46.042	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.080%		
35) Dibromofluoromethane	7.716	113	8531	44.076	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	88.160%		
50) Toluene-d8	10.173	98	33930	47.091	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	94.180%		
62) 4-Bromofluorobenzene	12.477	95	11271	42.828	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	85.660%		
Target Compounds						
20) Methylene Chloride	4.698	84	1384	3.978	ug/l	90

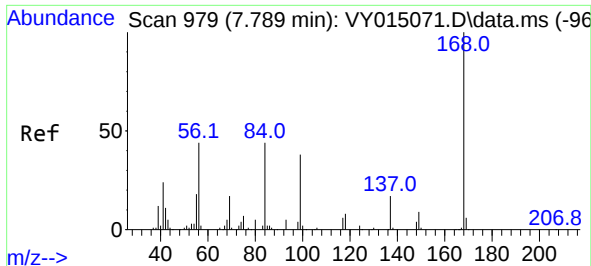
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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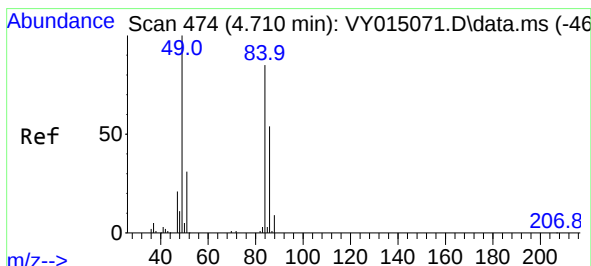
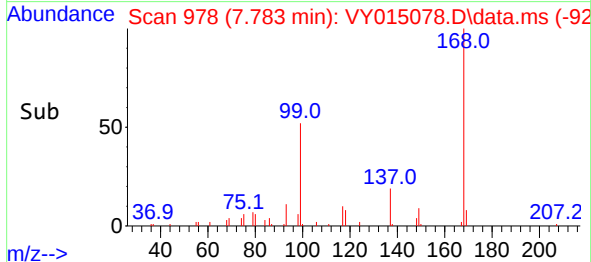
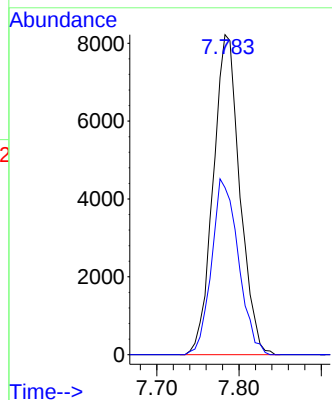
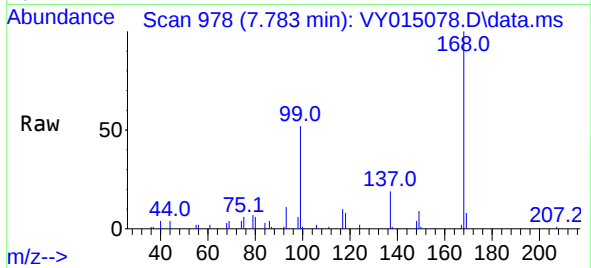




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015078.D
Acq: 14 Aug 2023 14:49

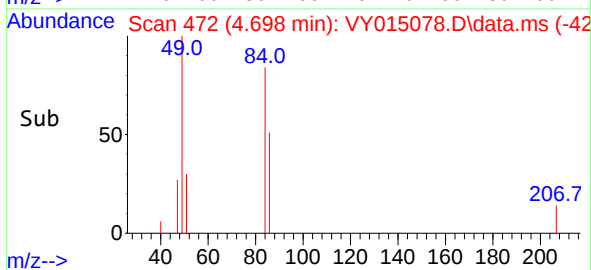
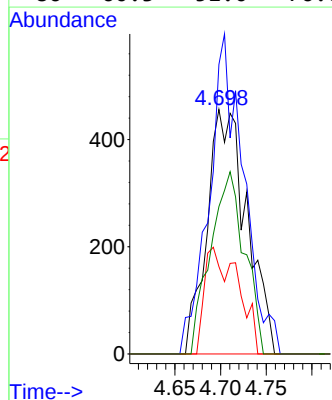
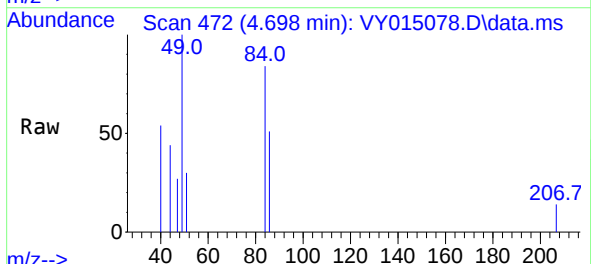
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-081023

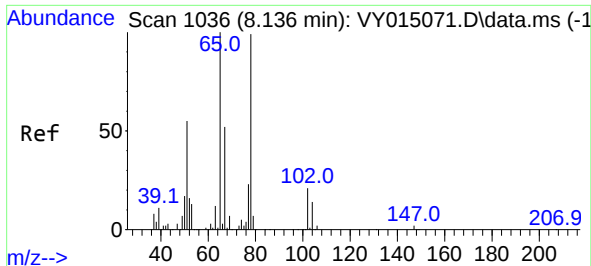
Tgt Ion:168 Resp: 18504
Ion Ratio Lower Upper
168 100
99 52.2 43.4 65.0



#20
Methylene Chloride
Concen: 3.978 ug/l
RT: 4.698 min Scan# 472
Delta R.T. -0.012 min
Lab File: VY015078.D
Acq: 14 Aug 2023 14:49

Tgt Ion: 84 Resp: 1384
Ion Ratio Lower Upper
84 100
49 118.4 106.9 160.3
51 35.7 33.2 49.8
86 60.3 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 46.042 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY015078.D

Acq: 14 Aug 2023 14:49

Instrument :

MSVOA_Y

ClientSampleId :

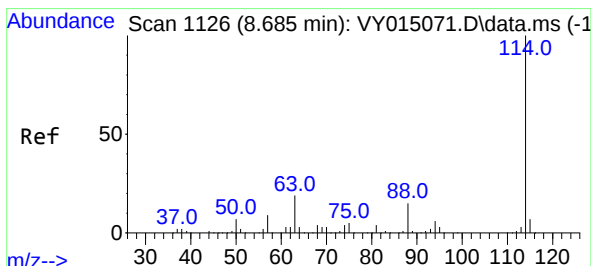
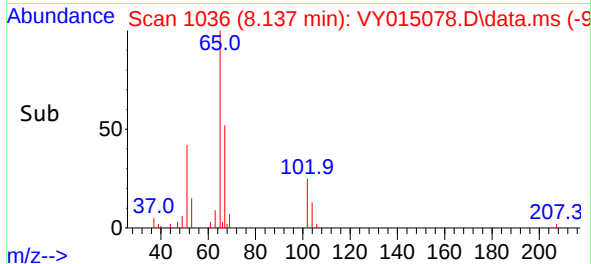
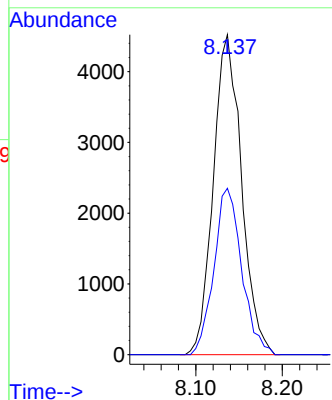
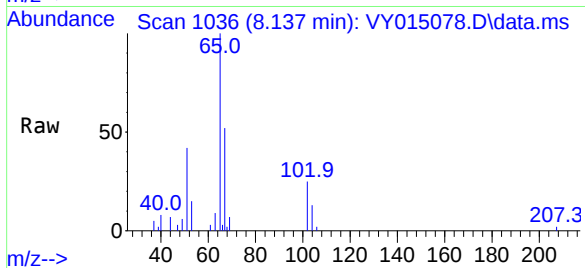
EO-01-081023

Tgt Ion: 65 Resp: 10227

Ion Ratio Lower Upper

65 100

67 51.2 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: VY015078.D

Acq: 14 Aug 2023 14:49

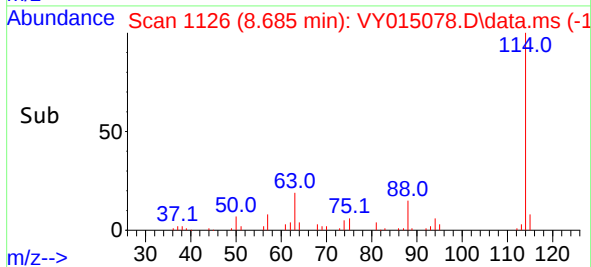
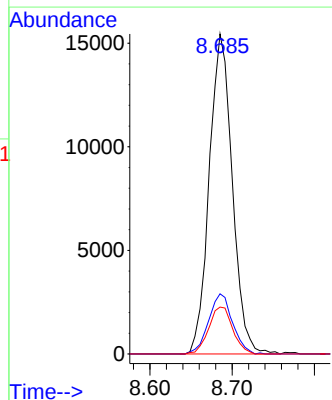
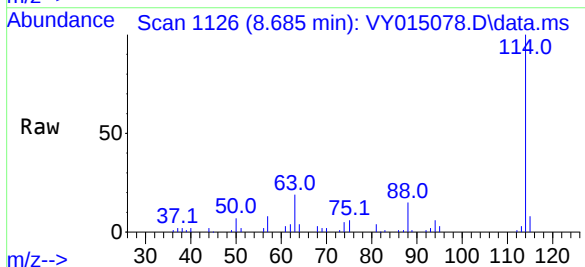
Tgt Ion: 114 Resp: 30086

Ion Ratio Lower Upper

114 100

63 18.8 0.0 42.4

88 14.7 0.0 30.6

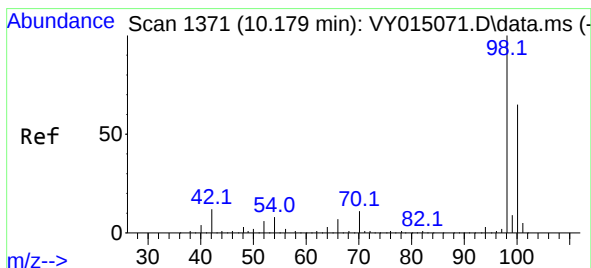
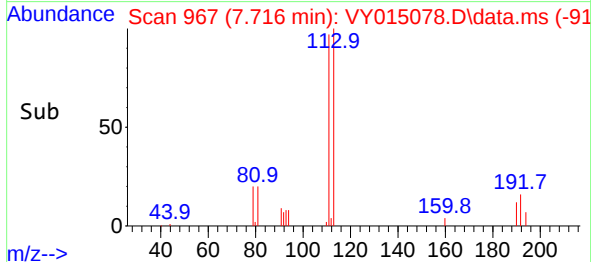
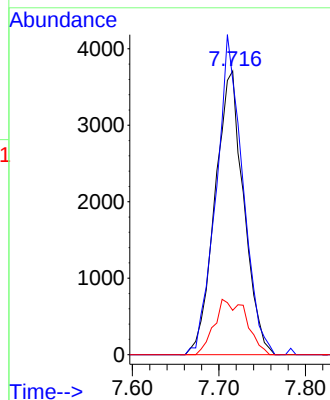
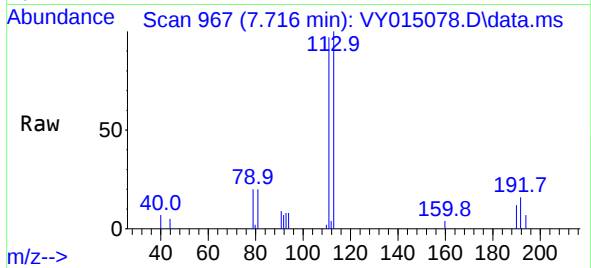




#35
Dibromofluoromethane
Concen: 44.076 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY015078.D
Acq: 14 Aug 2023 14:49

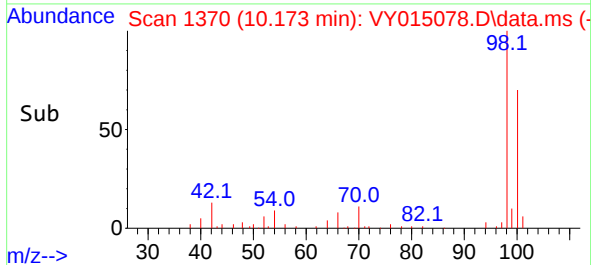
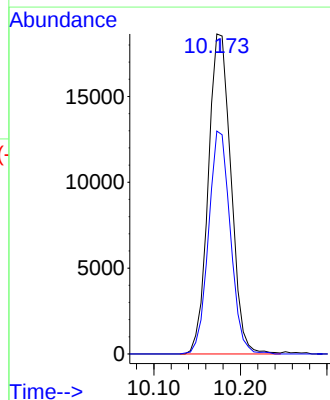
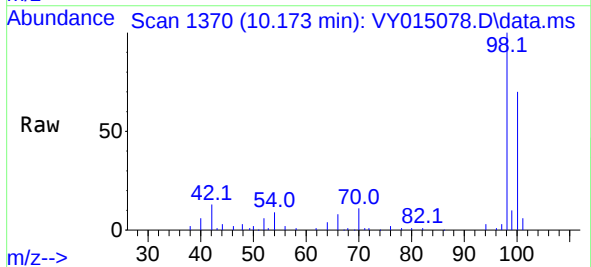
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-081023

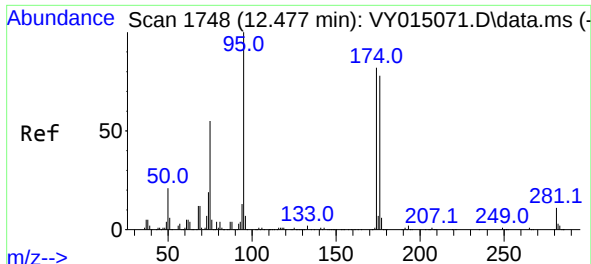
Tgt Ion:113 Resp: 8531
Ion Ratio Lower Upper
113 100
111 104.9 81.3 121.9
192 21.8 16.9 25.3



#50
Toluene-d8
Concen: 47.091 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY015078.D
Acq: 14 Aug 2023 14:49

Tgt Ion: 98 Resp: 33930
Ion Ratio Lower Upper
98 100
100 67.1 50.1 75.1

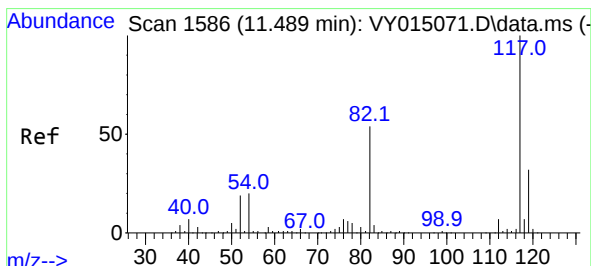
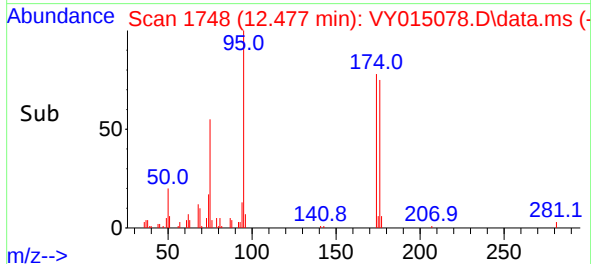
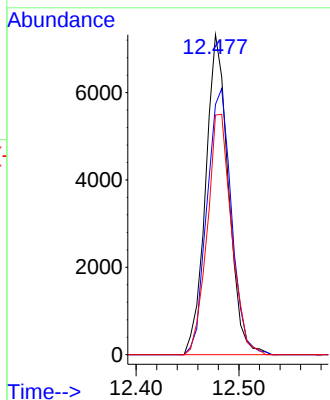
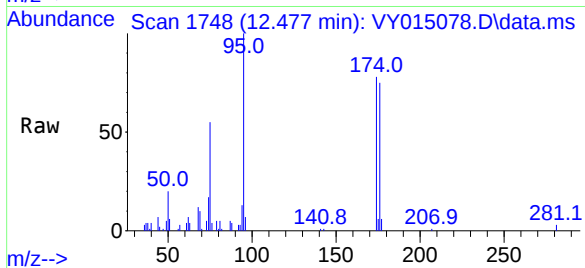




#62
4-Bromofluorobenzene
Concen: 42.828 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015078.D
Acq: 14 Aug 2023 14:49

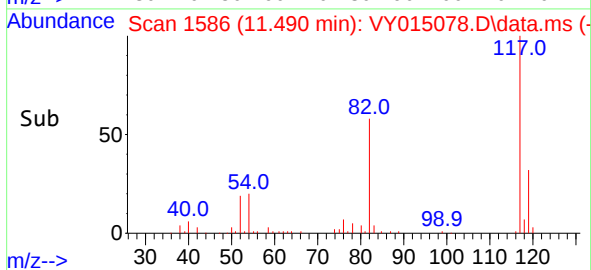
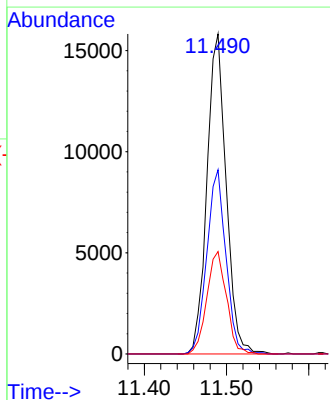
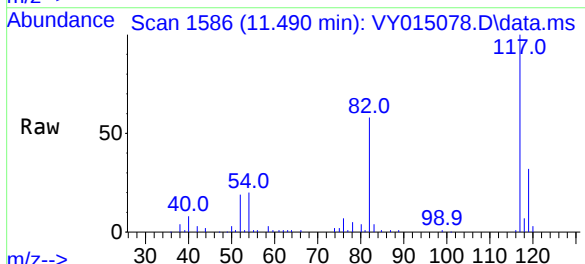
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-081023

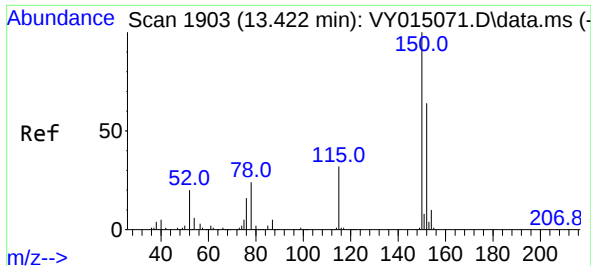
Tgt Ion:	95	Resp:	11271
Ion	Ratio	Lower	Upper
95	100		
174	89.2	0.0	178.2
176	79.8	0.0	173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015078.D
Acq: 14 Aug 2023 14:49

Tgt Ion:	117	Resp:	25677
Ion	Ratio	Lower	Upper
117	100		
82	57.5	43.4	65.0
119	32.0	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: VY015078.D

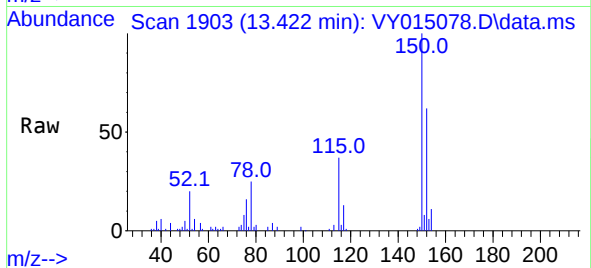
Acq: 14 Aug 2023 14:49

Instrument :

MSVOA_Y

ClientSampleId :

EO-01-081023



Tgt Ion:152 Resp: 12178

Ion Ratio Lower Upper

152 100

115 57.1 28.8 86.5

150 155.4 0.0 348.8

