

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082523\
 Data File : VY015338.D
 Acq On : 25 Aug 2023 13:30
 Operator : SY/MD
 Sample : 04091-19
 Misc : 5.11g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-F

Quant Time: Aug 25 13:46:10 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)

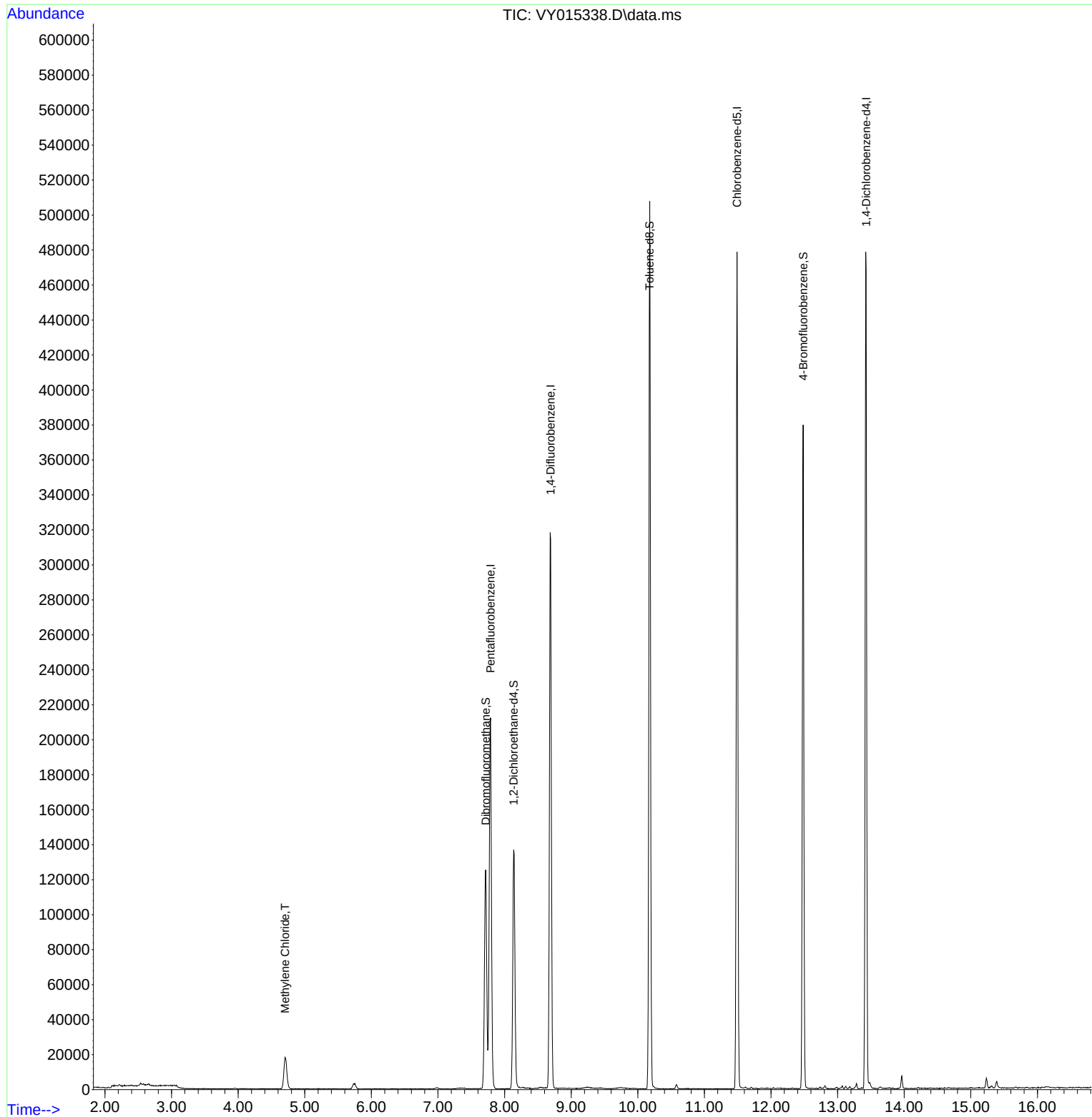
Internal Standards						
1) Pentafluorobenzene	7.789	168	166695	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	275720	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	253457	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	125755	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	109010	54.477	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.960%	
35) Dibromofluoromethane	7.716	113	88174	49.709	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.420%	
50) Toluene-d8	10.179	98	322090	48.779	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.560%	
62) 4-Bromofluorobenzene	12.483	95	114501	47.476	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 94.960%	
Target Compounds						
20) Methylene Chloride	4.704	84	14247	5.221	ug/l	Qvalue 95

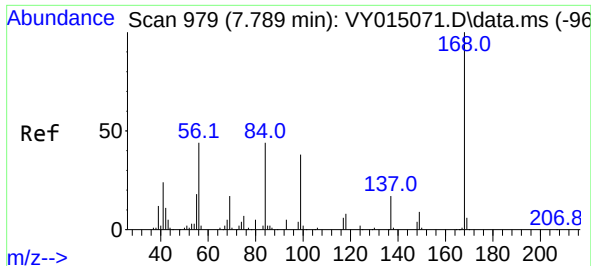
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082523\
Data File : VY015338.D
Acq On : 25 Aug 2023 13:30
Operator : SY/MD
Sample : 04091-19
Misc : 5.11g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP-F

Quant Time: Aug 25 13:46:10 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

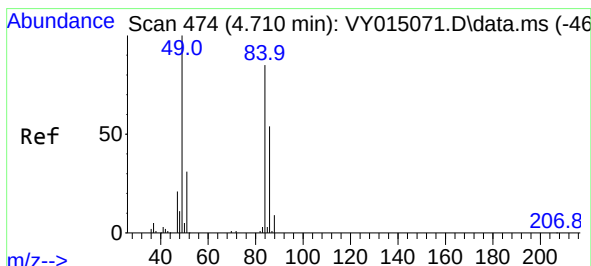
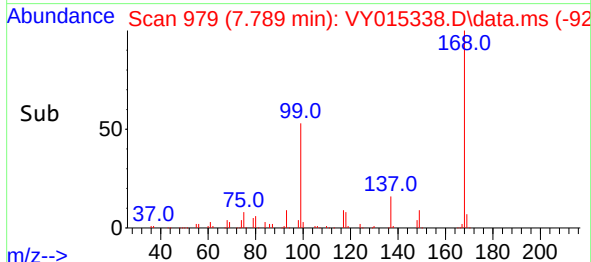
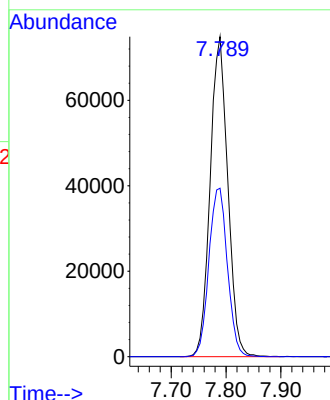
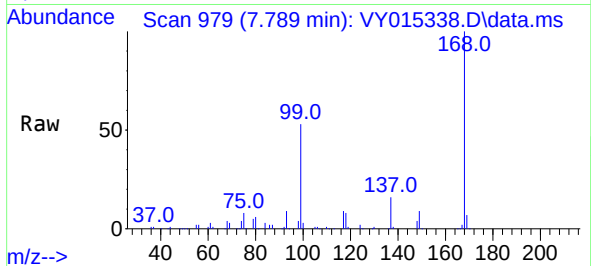




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015338.D
Acq: 25 Aug 2023 13:30

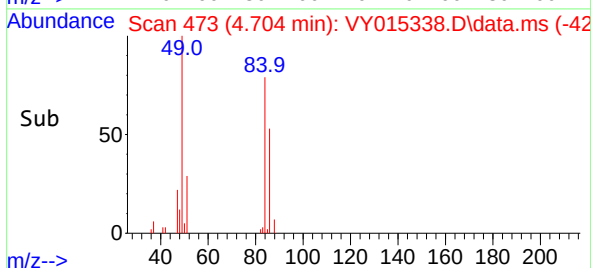
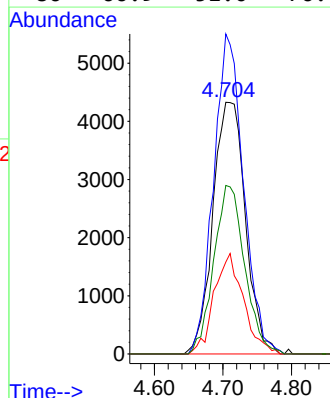
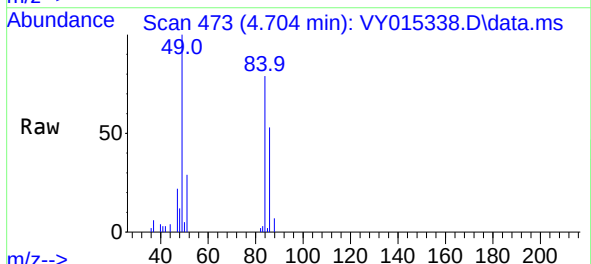
Instrument :
MSVOA_Y
ClientSampleId :
TP-F

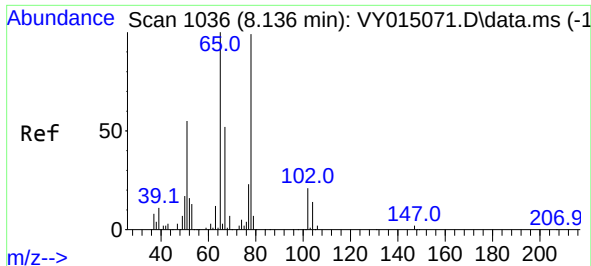
Tgt Ion:168 Resp: 166695
Ion Ratio Lower Upper
168 100
99 52.7 43.4 65.0



#20
Methylene Chloride
Concen: 5.221 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY015338.D
Acq: 25 Aug 2023 13:30

Tgt Ion: 84 Resp: 14247
Ion Ratio Lower Upper
84 100
49 127.2 106.9 160.3
51 36.5 33.2 49.8
86 66.9 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 54.477 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY015338.D

Acq: 25 Aug 2023 13:30

Instrument :

MSVOA_Y

ClientSampleId :

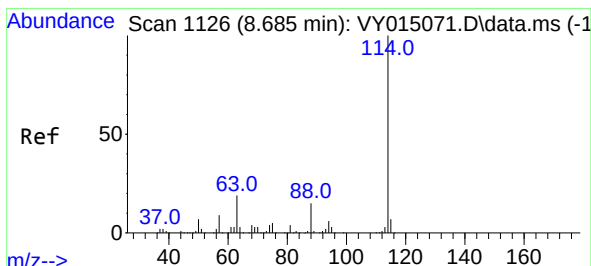
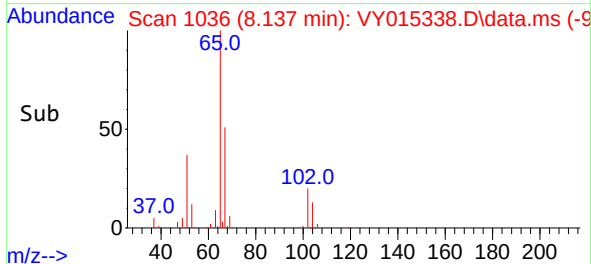
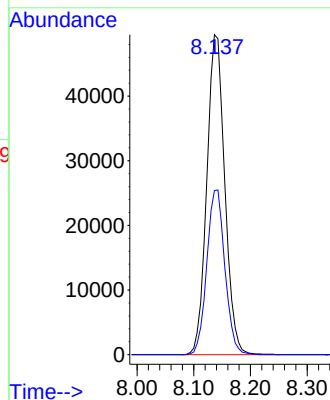
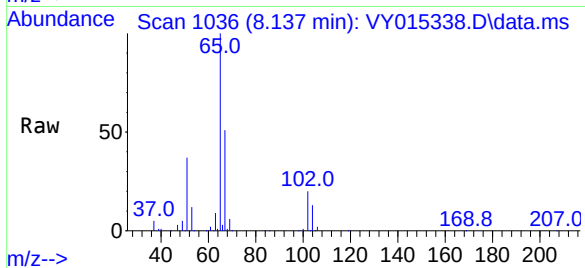
TP-F

Tgt Ion: 65 Resp: 109010

Ion Ratio Lower Upper

65 100

67 51.7 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY015338.D

Acq: 25 Aug 2023 13:30

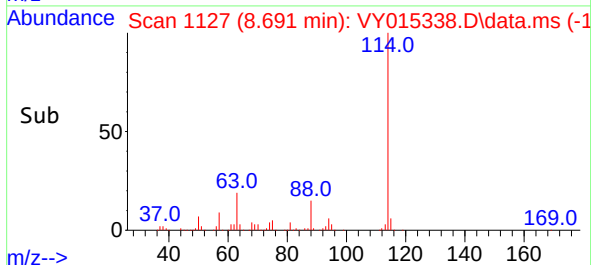
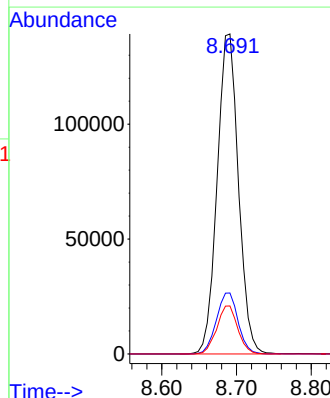
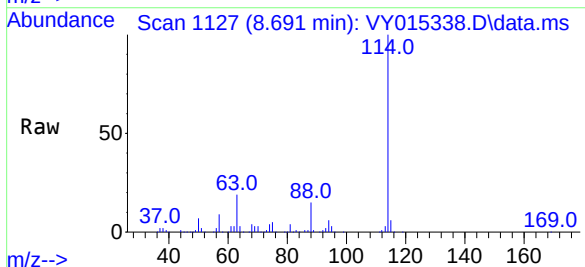
Tgt Ion: 114 Resp: 275720

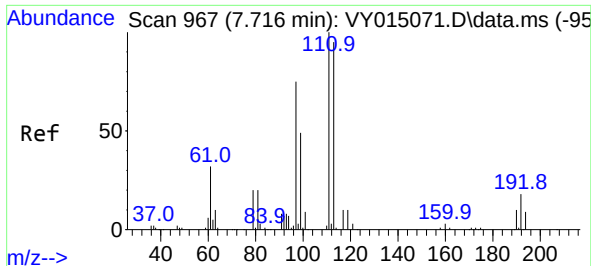
Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.4

88 15.0 0.0 30.6

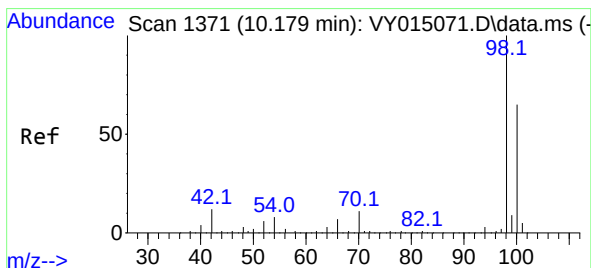
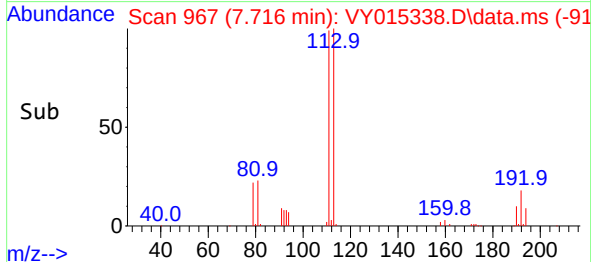
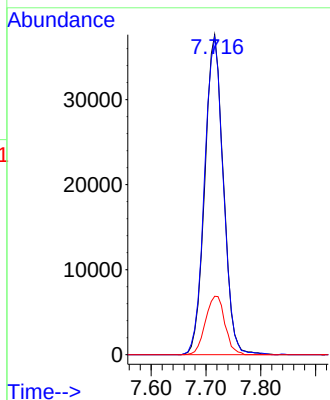
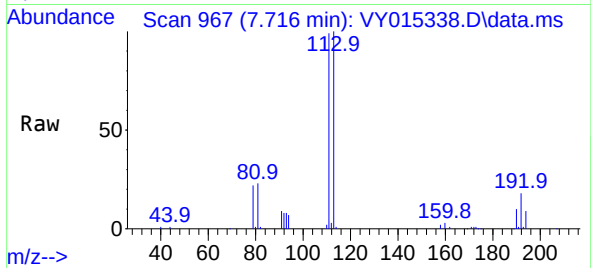




#35
Dibromofluoromethane
Concen: 49.709 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY015338.D
Acq: 25 Aug 2023 13:30

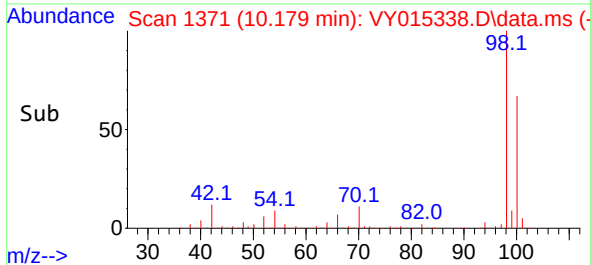
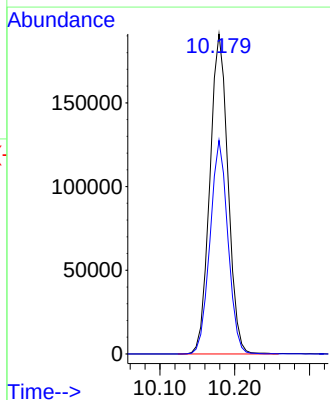
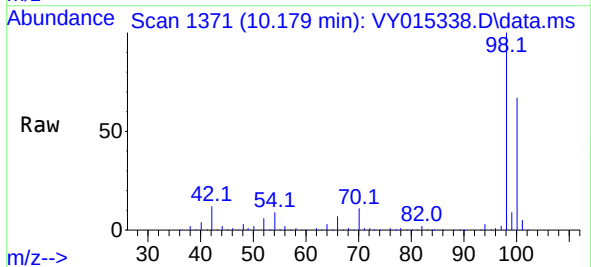
Instrument :
MSVOA_Y
ClientSampleId :
TP-F

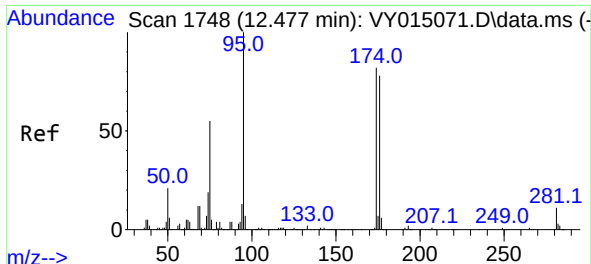
Tgt Ion:113 Resp: 88174
Ion Ratio Lower Upper
113 100
111 100.5 81.3 121.9
192 19.2 16.9 25.3



#50
Toluene-d8
Concen: 48.779 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015338.D
Acq: 25 Aug 2023 13:30

Tgt Ion: 98 Resp: 322090
Ion Ratio Lower Upper
98 100
100 65.7 50.1 75.1

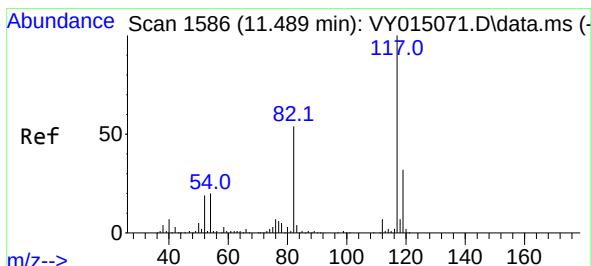
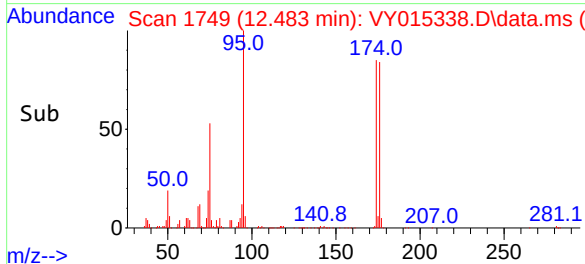
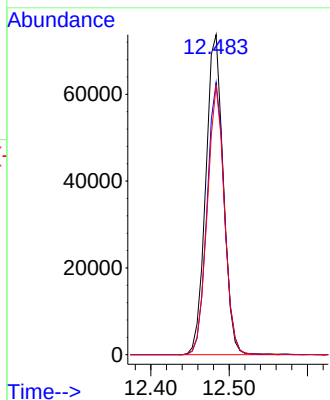
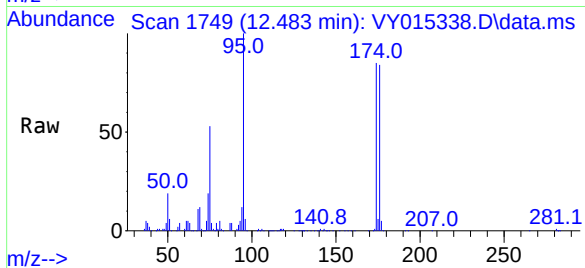




#62
4-Bromofluorobenzene
Concen: 47.476 ug/l
RT: 12.483 min Scan# 114501
Delta R.T. 0.006 min
Lab File: VY015338.D
Acq: 25 Aug 2023 13:30

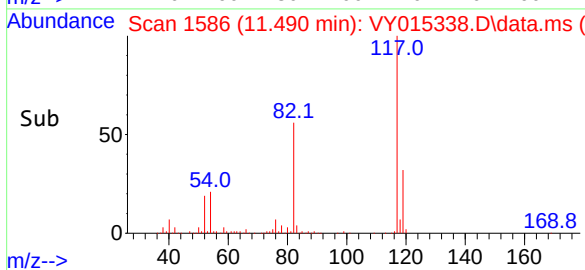
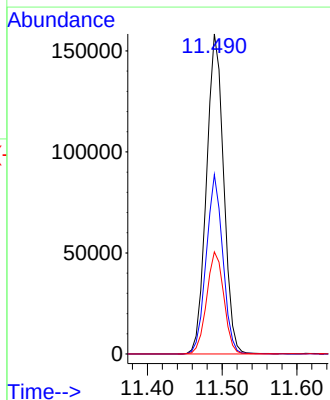
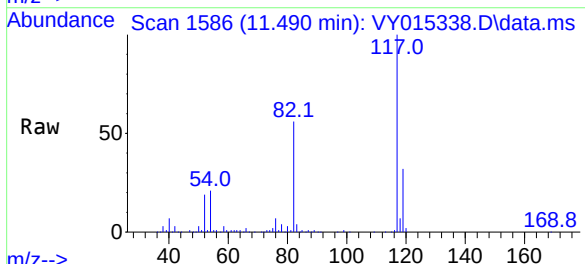
Instrument :
MSVOA_Y
ClientSampleId :
TP-F

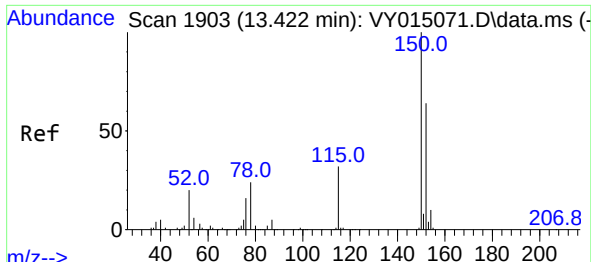
Tgt Ion:	95	Resp:	114501
Ion	Ratio	Lower	Upper
95	100		
174	84.2	0.0	178.2
176	82.0	0.0	173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015338.D
Acq: 25 Aug 2023 13:30

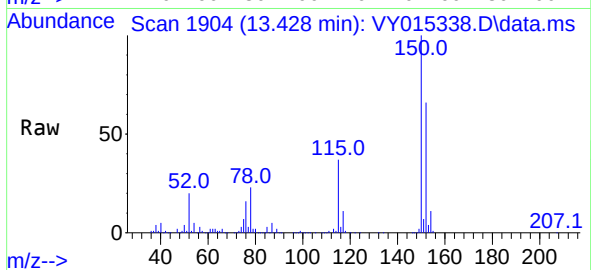
Tgt Ion:	117	Resp:	253457
Ion	Ratio	Lower	Upper
117	100		
82	56.1	43.4	65.0
119	31.9	26.3	39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.006 min
 Lab File: VY015338.D
 Acq: 25 Aug 2023 13:30

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-F



Tgt Ion:152 Resp: 125755
 Ion Ratio Lower Upper
 152 100
 115 57.9 28.8 86.5
 150 155.8 0.0 348.8

