

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112423\
 Data File : VY016481.D
 Acq On : 24 Nov 2023 13:55
 Operator : SY/MD
 Sample : 05540-01RE
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-06-11222023RE

Quant Time: Nov 27 04:45:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

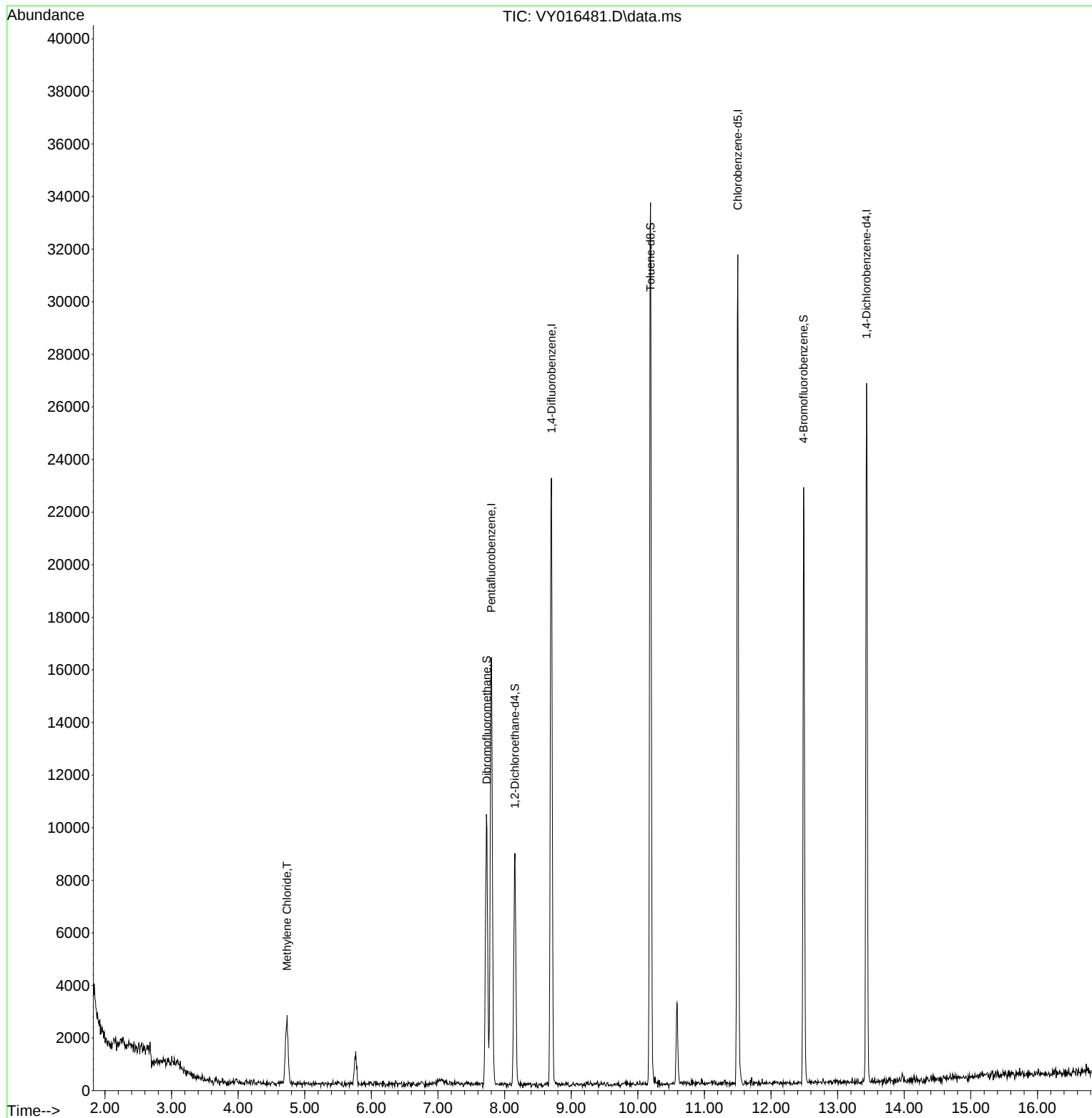
Internal Standards						
1) Pentafluorobenzene	7.801	168	13869	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	22094	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	18775	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	8249	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	7084	55.886	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.780%
35) Dibromofluoromethane	7.734	113	7418	59.104	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	118.200%
50) Toluene-d8	10.191	98	24532	48.200	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.400%
62) 4-Bromofluorobenzene	12.489	95	6900	41.742	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	83.480%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.735	84	2005	10.808	ug/l	87

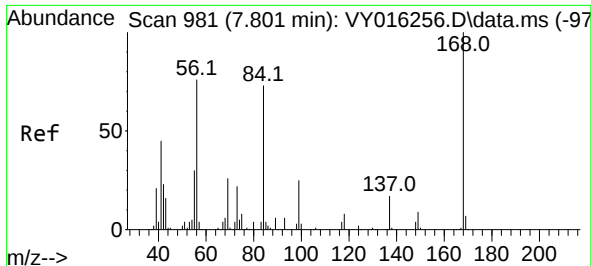
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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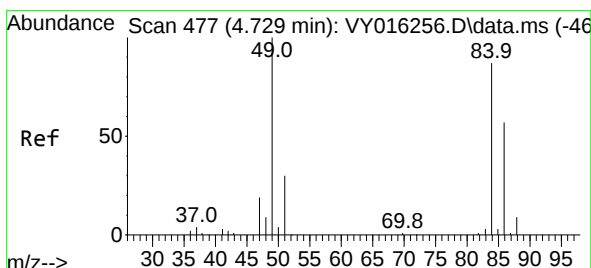
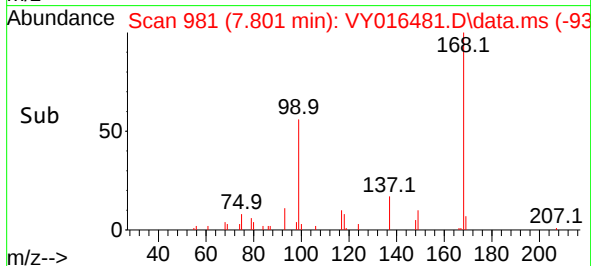
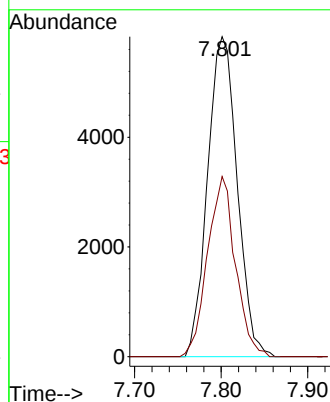
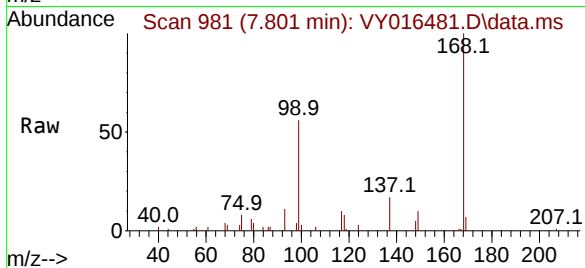




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY016481.D
Acq: 24 Nov 2023 13:55

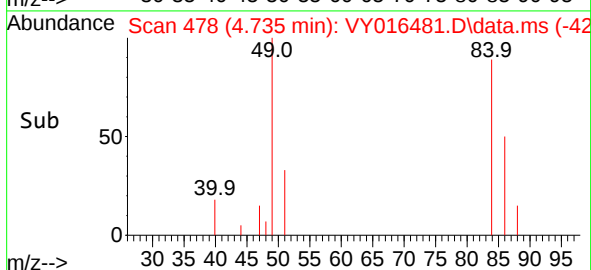
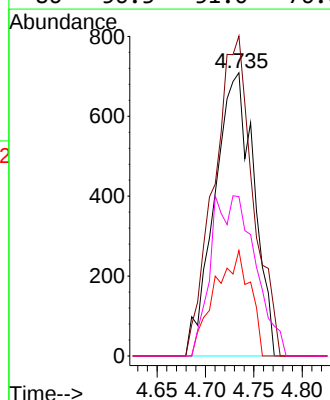
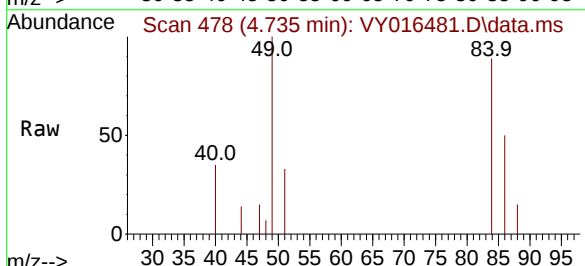
Instrument :
MSVOA_Y
ClientSampleId :
TR-06-11222023RE

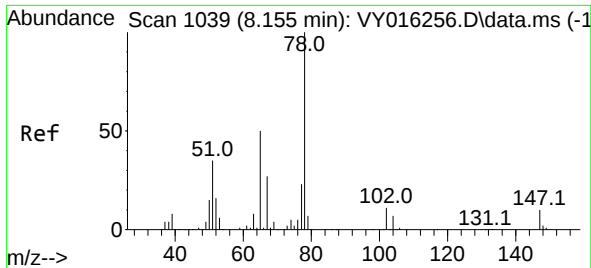
Tgt Ion:168 Resp: 13869
Ion Ratio Lower Upper
168 100
99 56.3 43.4 65.0



#20
Methylene Chloride
Concen: 10.808 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.006 min
Lab File: VY016481.D
Acq: 24 Nov 2023 13:55

Tgt Ion: 84 Resp: 2005
Ion Ratio Lower Upper
84 100
49 113.0 106.9 160.3
51 37.2 33.2 49.8
86 56.3 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 55.886 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY016481.D

Acq: 24 Nov 2023 13:55

Instrument :

MSVOA_Y

ClientSampleId :

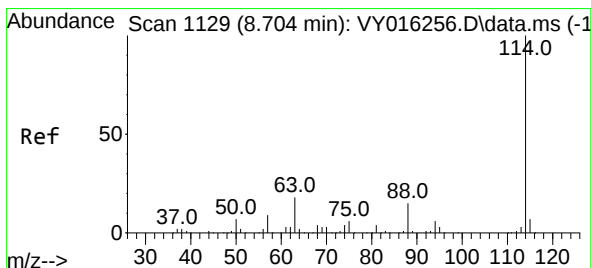
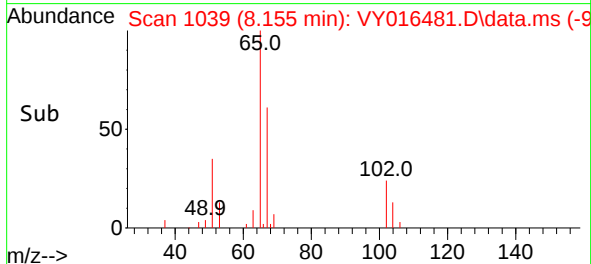
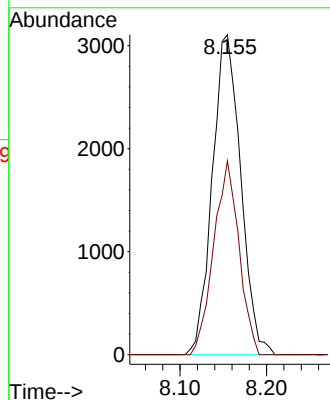
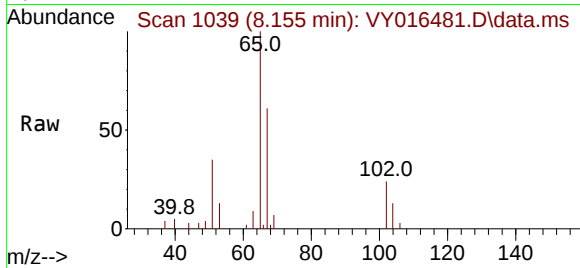
TR-06-11222023RE

Tgt Ion: 65 Resp: 7084

Ion Ratio Lower Upper

65 100

67 54.0 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VY016481.D

Acq: 24 Nov 2023 13:55

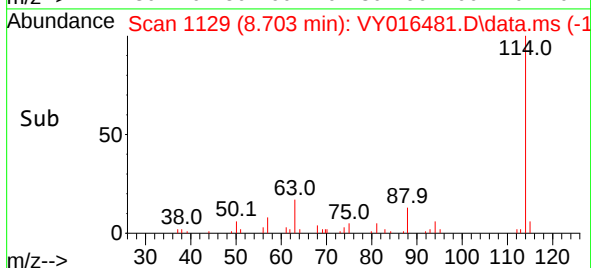
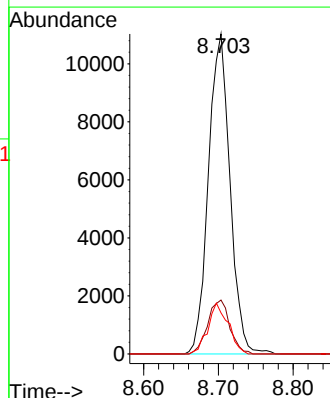
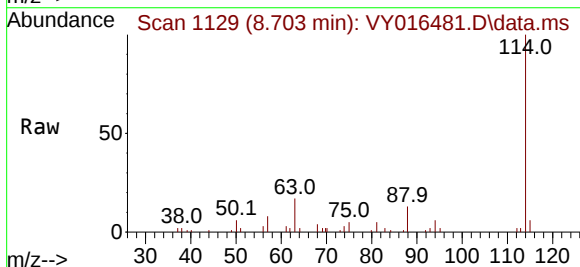
Tgt Ion: 114 Resp: 22094

Ion Ratio Lower Upper

114 100

63 16.8 0.0 42.4

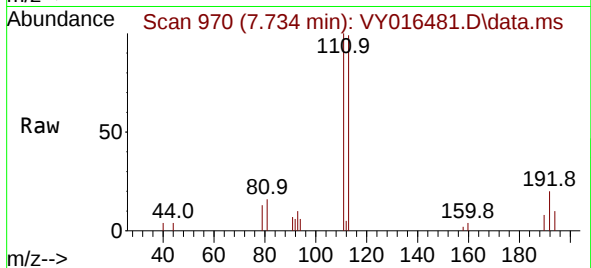
88 12.9 0.0 30.6



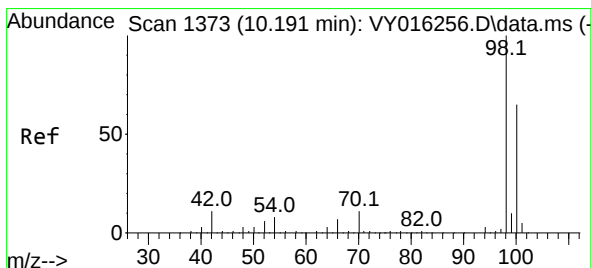
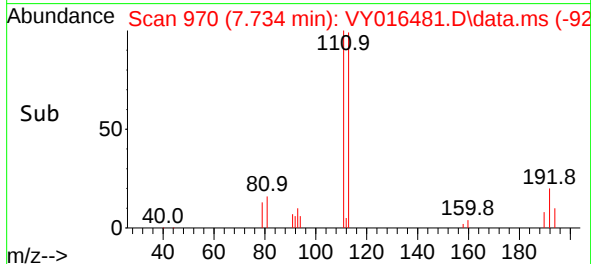
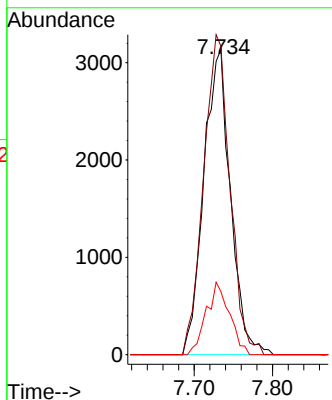


#35
 Dibromofluoromethane
 Concen: 59.104 ug/l
 RT: 7.734 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VY016481.D
 Acq: 24 Nov 2023 13:55

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-06-11222023RE

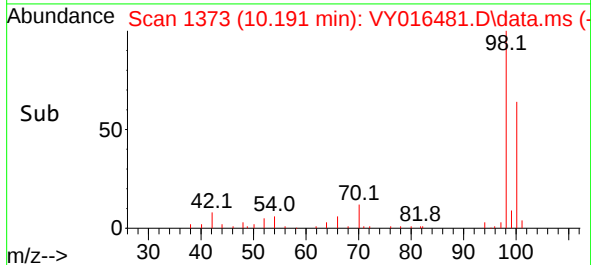
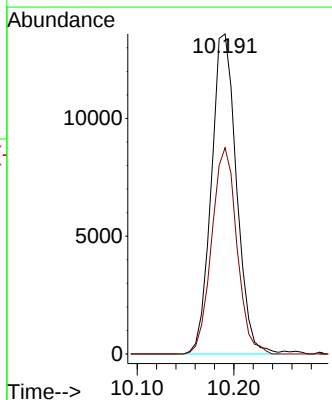
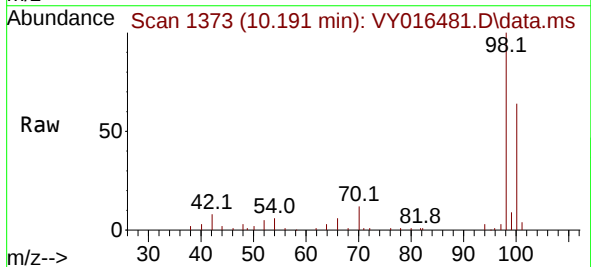


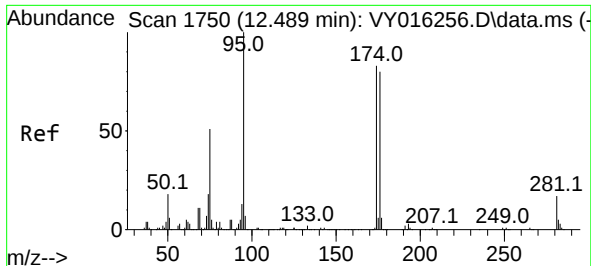
Tgt Ion:	113	Resp:	7418
Ion	Ratio	Lower	Upper
113	100		
111	103.8	81.3	121.9
192	20.7	16.9	25.3



#50
 Toluene-d8
 Concen: 48.200 ug/l
 RT: 10.191 min Scan# 1373
 Delta R.T. -0.000 min
 Lab File: VY016481.D
 Acq: 24 Nov 2023 13:55

Tgt Ion:	98	Resp:	24532
Ion	Ratio	Lower	Upper
98	100		
100	64.5	50.1	75.1

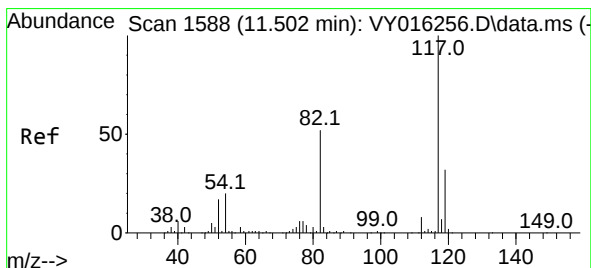
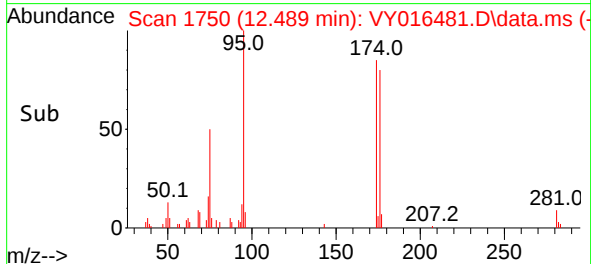
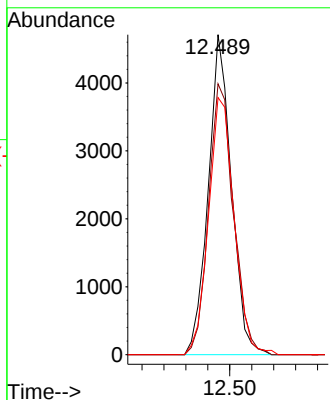
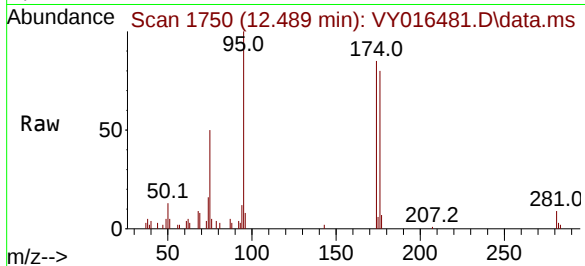




#62
4-Bromofluorobenzene
Concen: 41.742 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016481.D
Acq: 24 Nov 2023 13:55

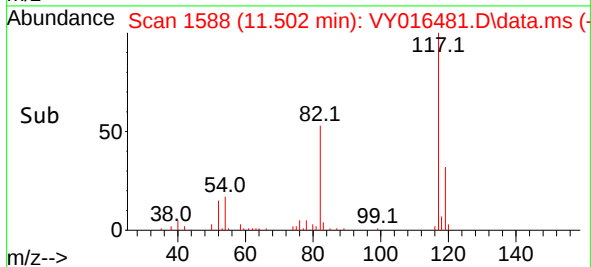
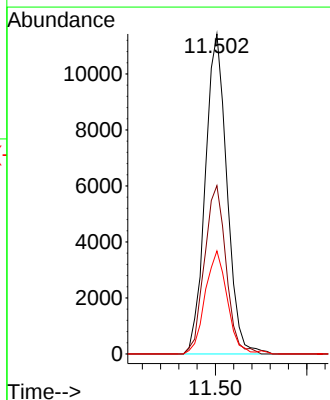
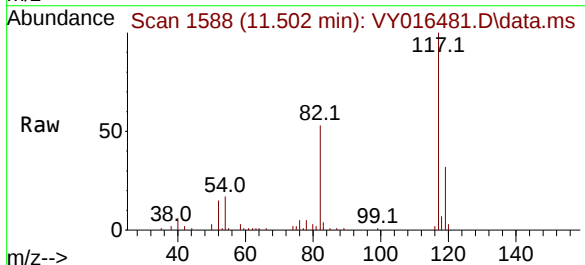
Instrument :
MSVOA_Y
ClientSampleId :
TR-06-11222023RE

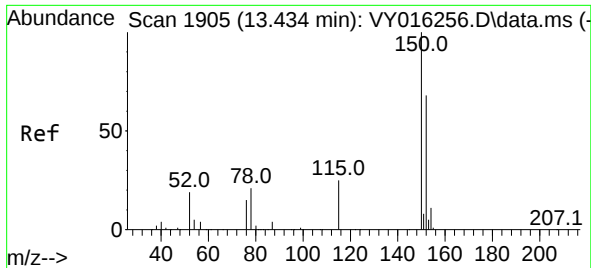
Tgt Ion: 95 Resp: 6900
Ion Ratio Lower Upper
95 100
174 91.0 0.0 178.2
176 88.9 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. -0.000 min
Lab File: VY016481.D
Acq: 24 Nov 2023 13:55

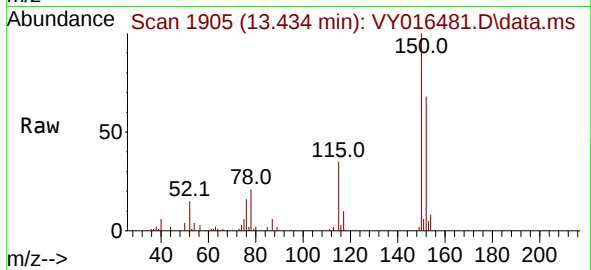
Tgt Ion: 117 Resp: 18775
Ion Ratio Lower Upper
117 100
82 52.6 43.4 65.0
119 32.2 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1905
 Delta R.T. -0.000 min
 Lab File: VY016481.D
 Acq: 24 Nov 2023 13:55

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-06-11222023RE



Tgt Ion:	152	Resp:	8249
Ion	Ratio	Lower	Upper
152	100		
115	52.4	28.8	86.5
150	147.8	0.0	348.8

