

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111623\
 Data File : VY016393.D
 Acq On : 16 Nov 2023 16:27
 Operator : SY/MD
 Sample : 05447-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP1

Quant Time: Nov 17 04:08:31 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)

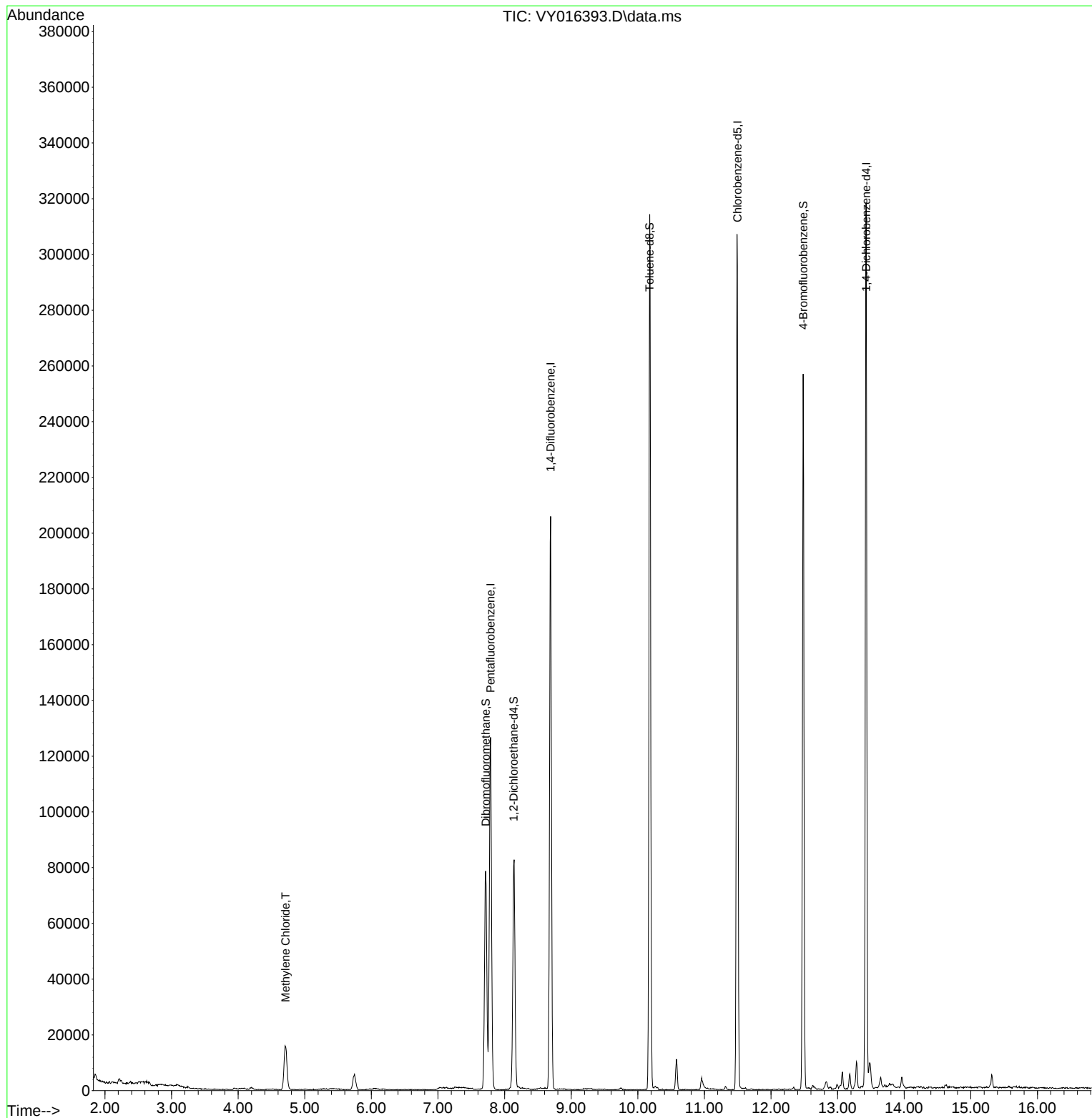
Internal Standards						
1) Pentafluorobenzene	7.789	168	100816	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.691	114	179172	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.496	117	175662	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	82590	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	63761	69.199	ug/l	-0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	= 138.400%	
35) Dibromofluoromethane	7.716	113	57311	56.308	ug/l	-0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.620%	
50) Toluene-d8	10.179	98	212495	51.484	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.960%	
62) 4-Bromofluorobenzene	12.483	95	75181	56.083	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 112.160%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.710	84	12966	9.202	ug/l	89

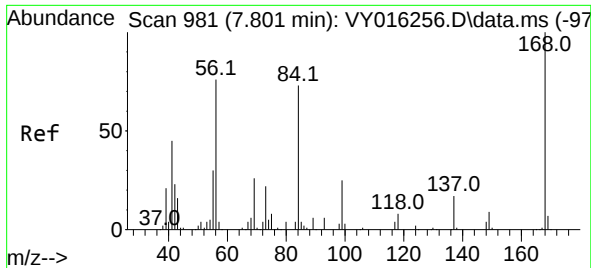
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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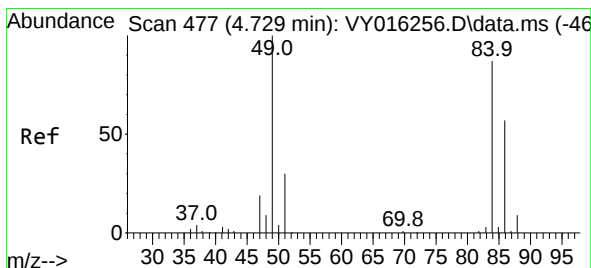
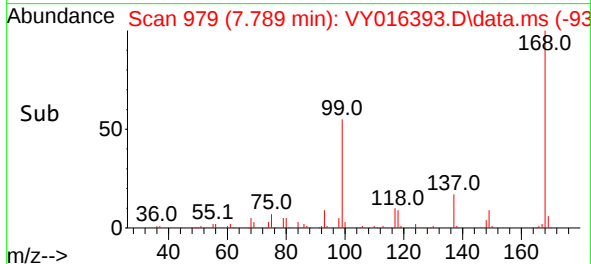
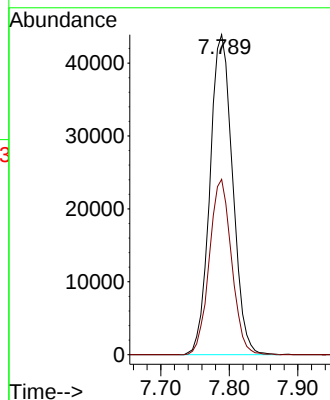
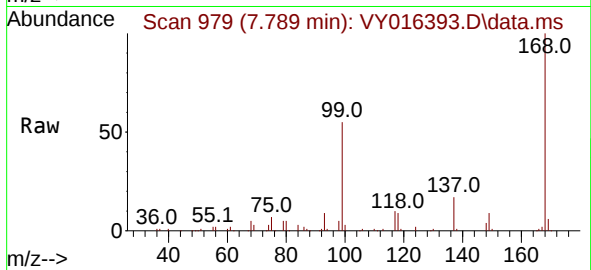




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY016393.D
Acq: 16 Nov 2023 16:27

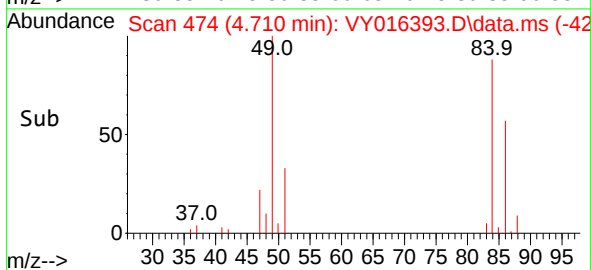
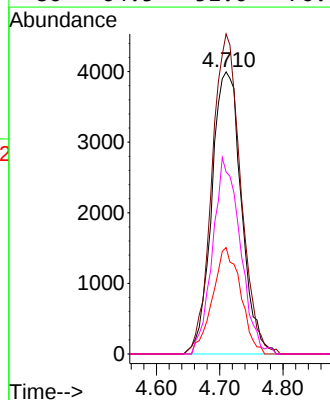
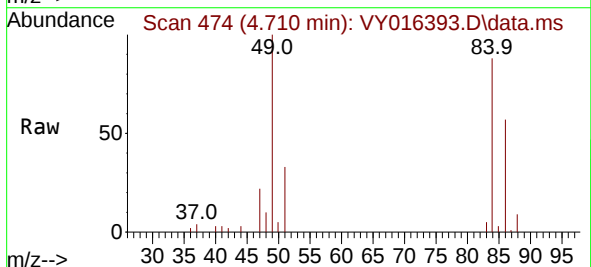
Instrument :
MSVOA_Y
ClientSampleId :
SP1

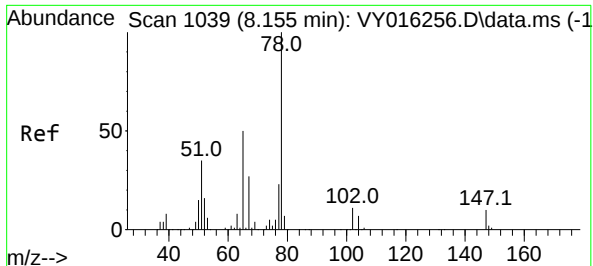
Tgt Ion:168 Resp: 100816
Ion Ratio Lower Upper
168 100
99 54.8 43.4 65.0



#20
Methylene Chloride
Concen: 9.202 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.019 min
Lab File: VY016393.D
Acq: 16 Nov 2023 16:27

Tgt Ion: 84 Resp: 12966
Ion Ratio Lower Upper
84 100
49 113.5 106.9 160.3
51 37.7 33.2 49.8
86 64.5 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 69.199 ug/l

RT: 8.136 min Scan# 1

Delta R.T. -0.019 min

Lab File: VY016393.D

Acq: 16 Nov 2023 16:27

Instrument :

MSVOA_Y

ClientSampleId :

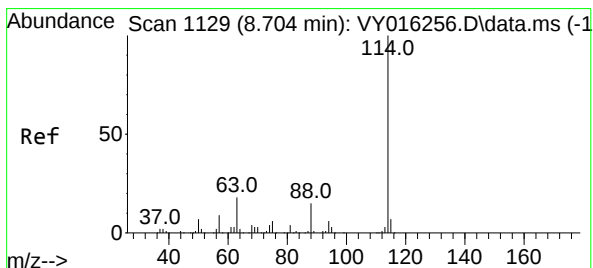
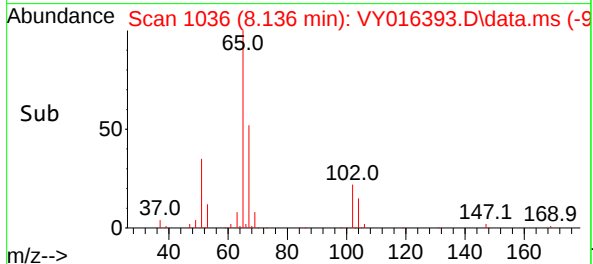
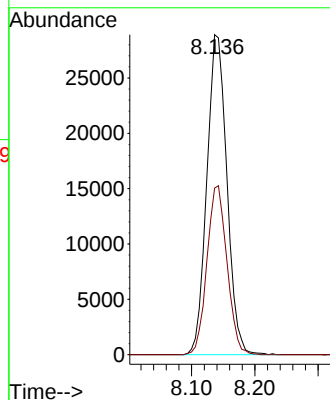
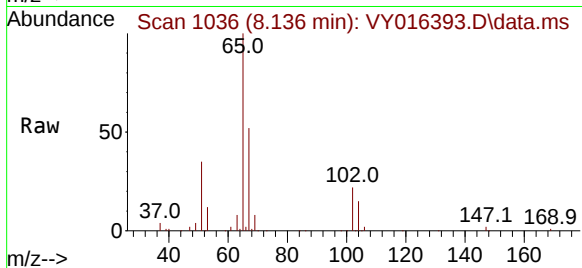
SP1

Tgt Ion: 65 Resp: 63761

Ion Ratio Lower Upper

65 100

67 52.7 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.012 min

Lab File: VY016393.D

Acq: 16 Nov 2023 16:27

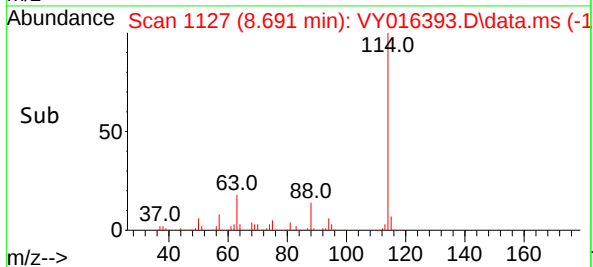
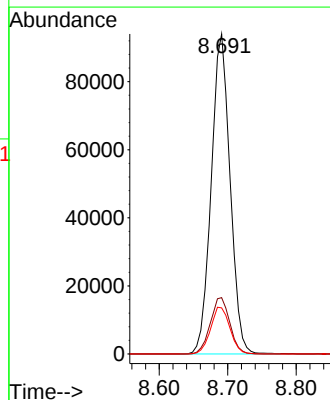
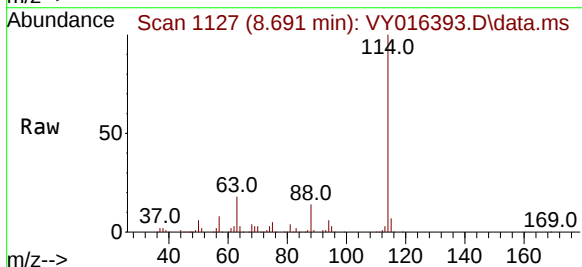
Tgt Ion: 114 Resp: 179172

Ion Ratio Lower Upper

114 100

63 17.6 0.0 42.4

88 14.4 0.0 30.6

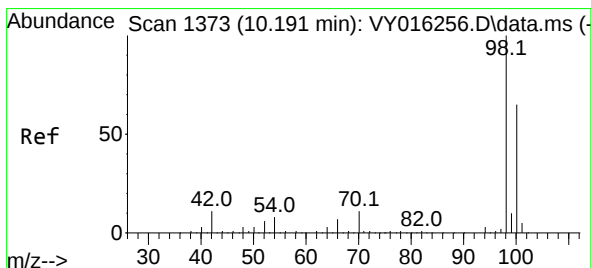
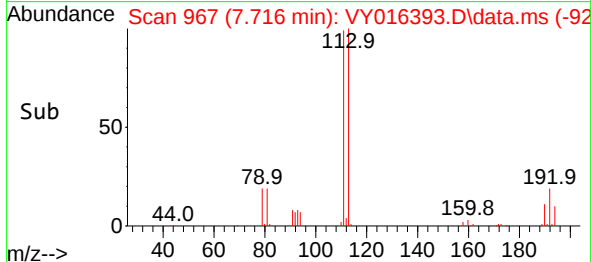
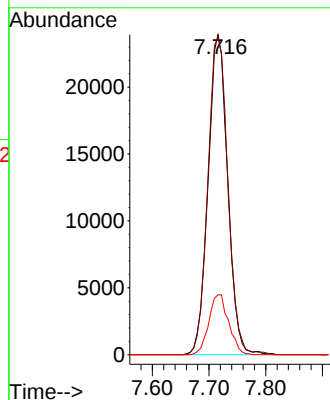
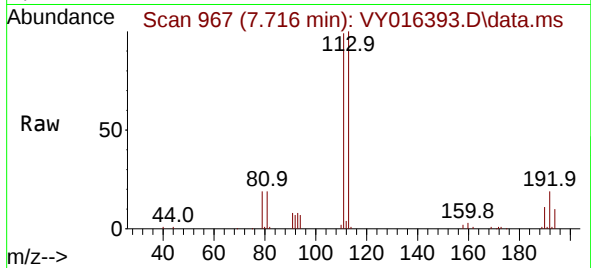




#35
Dibromofluoromethane
Concen: 56.308 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.019 min
Lab File: VY016393.D
Acq: 16 Nov 2023 16:27

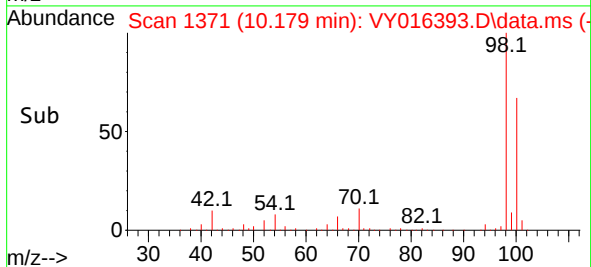
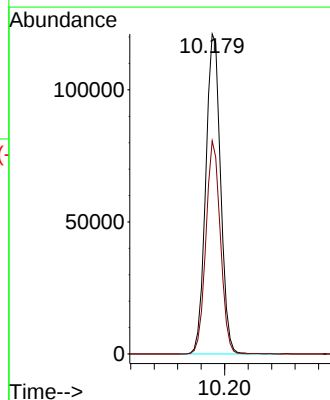
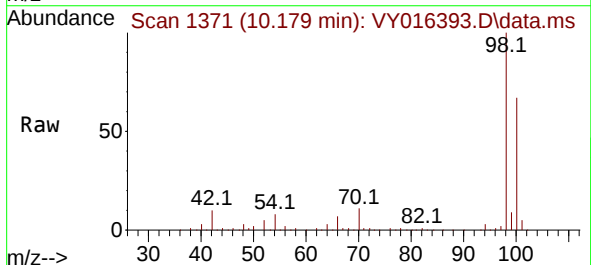
Instrument :
MSVOA_Y
ClientSampleId :
SP1

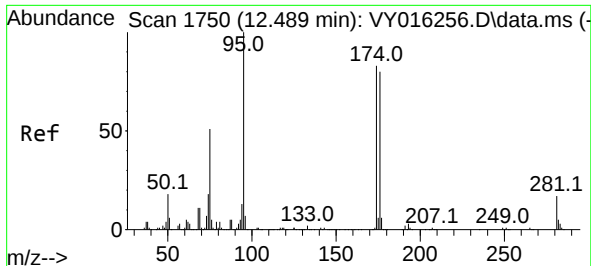
Tgt Ion:113 Resp: 57311
Ion Ratio Lower Upper
113 100
111 101.7 81.3 121.9
192 19.0 16.9 25.3



#50
Toluene-d8
Concen: 51.484 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.012 min
Lab File: VY016393.D
Acq: 16 Nov 2023 16:27

Tgt Ion: 98 Resp: 212495
Ion Ratio Lower Upper
98 100
100 64.9 50.1 75.1

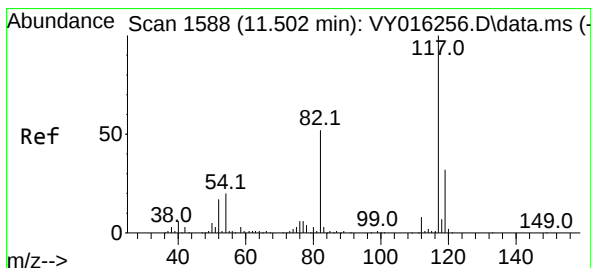
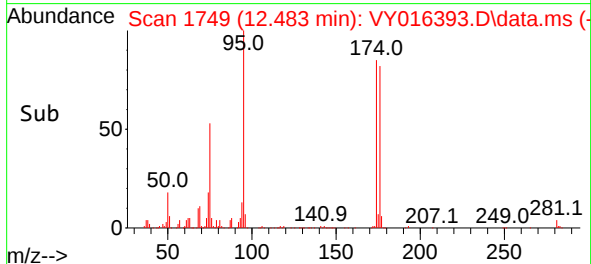
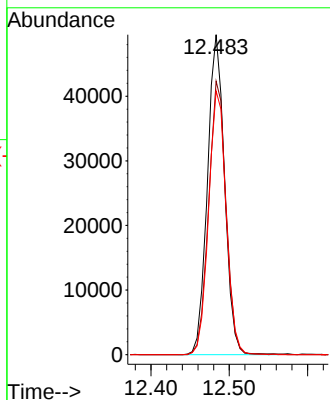
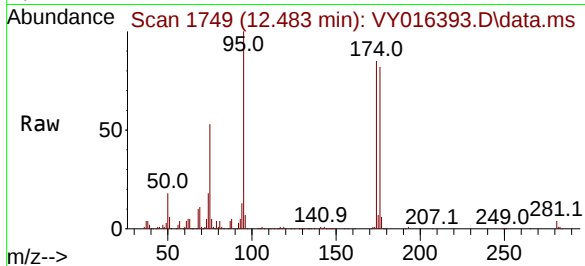




#62
4-Bromofluorobenzene
Concen: 56.083 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY016393.D
Acq: 16 Nov 2023 16:27

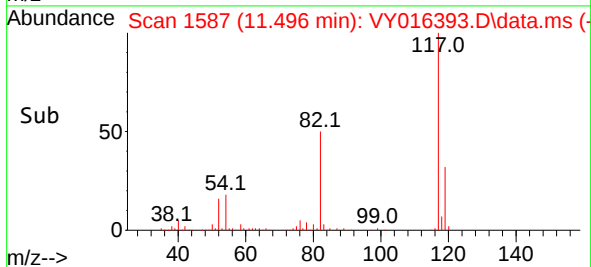
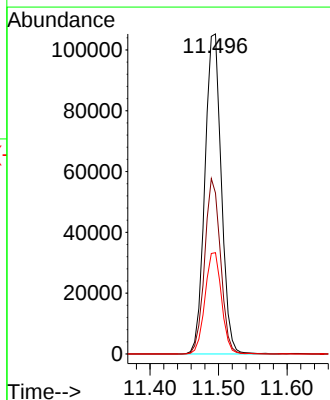
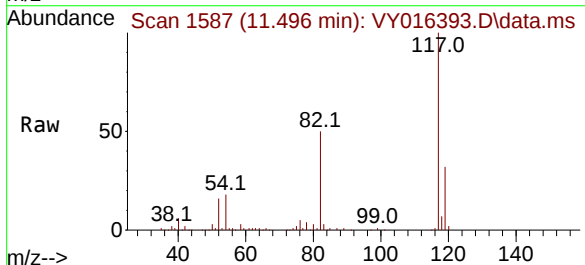
Instrument :
MSVOA_Y
ClientSampleId :
SP1

Tgt Ion:	95	Resp:	75181
Ion	Ratio	Lower	Upper
95	100		
174	86.8	0.0	178.2
176	84.3	0.0	173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.006 min
Lab File: VY016393.D
Acq: 16 Nov 2023 16:27

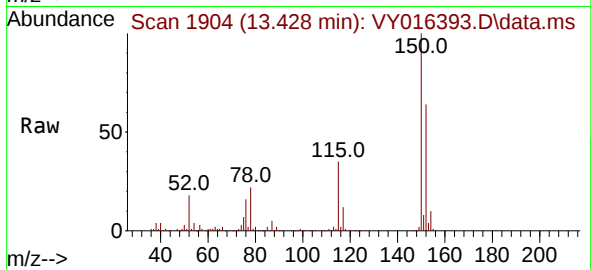
Tgt Ion:	117	Resp:	175662
Ion	Ratio	Lower	Upper
117	100		
82	50.3	43.4	65.0
119	31.7	26.3	39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.006 min
 Lab File: VY016393.D
 Acq: 16 Nov 2023 16:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP1



Tgt Ion:	152	Resp:	82590
Ion Ratio	Lower	Upper	
152	100		
115	57.5	28.8	86.5
150	156.3	0.0	348.8

