

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091823\
 Data File : VY015616.D
 Acq On : 18 Sep 2023 15:48
 Operator : SY/MD
 Sample : 04424-01
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-03-09132023

Quant Time: Sep 18 17:33:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

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

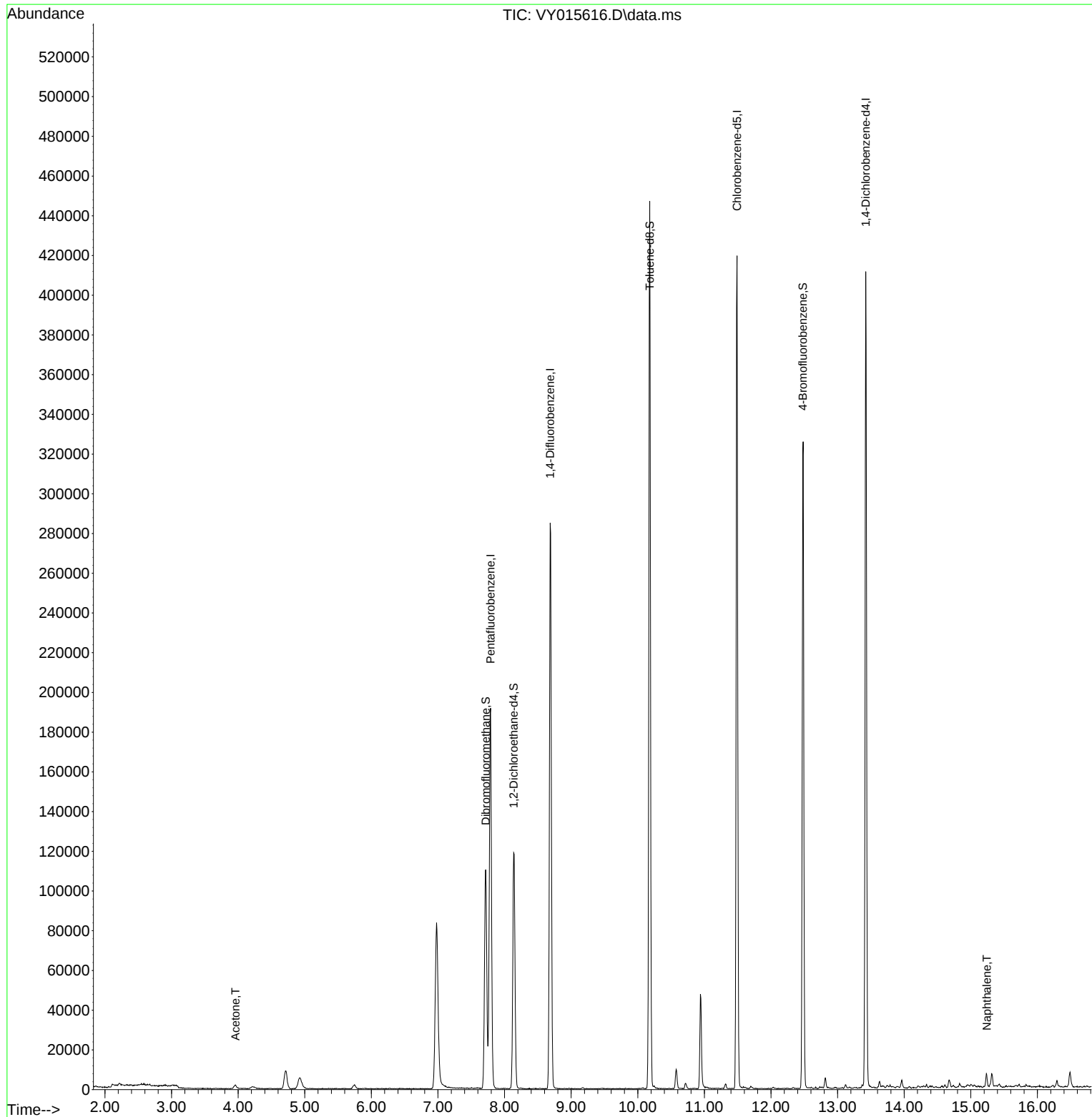
Internal Standards						
1) Pentafluorobenzene	7.789	168	148486	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	248558	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	227265	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	106994	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	94914	59.629	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.260%	
35) Dibromofluoromethane	7.716	113	78465	54.808	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.620%	
50) Toluene-d8	10.179	98	290643	56.060	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.120%	
62) 4-Bromofluorobenzene	12.477	95	99742	51.823	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.640%	
Target Compounds						
					Qvalue	
16) Acetone	3.960	43	3402	5.121	ug/l	98
95) Naphthalene	15.239	128	5392	1.011	ug/l	99

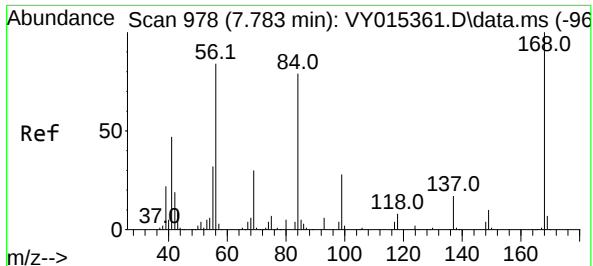
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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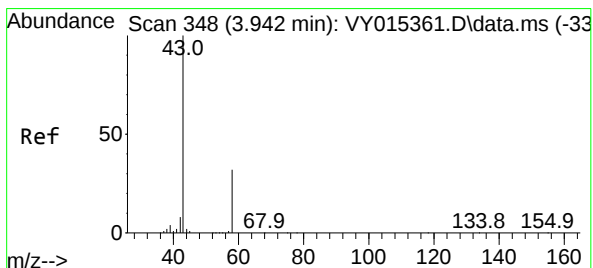
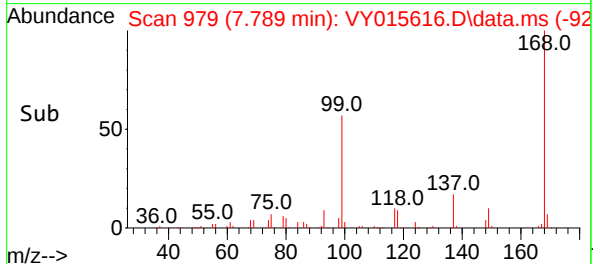
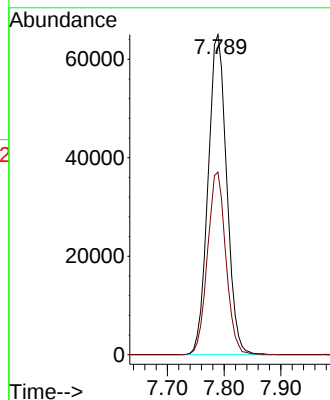
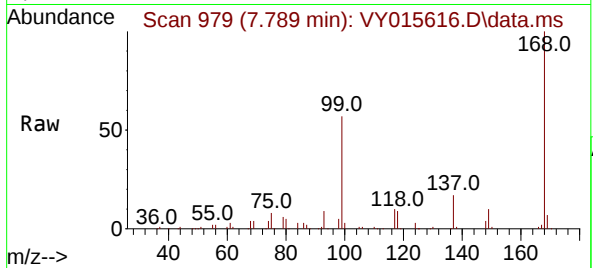




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015616.D
Acq: 18 Sep 2023 15:48

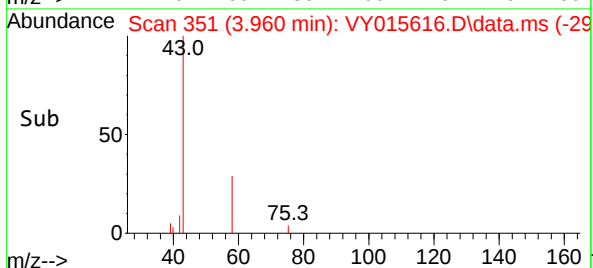
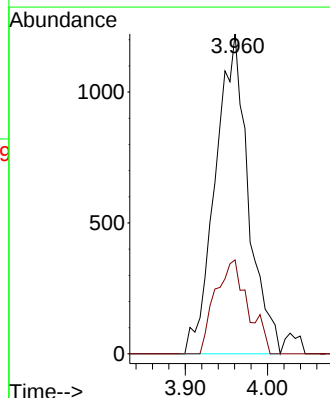
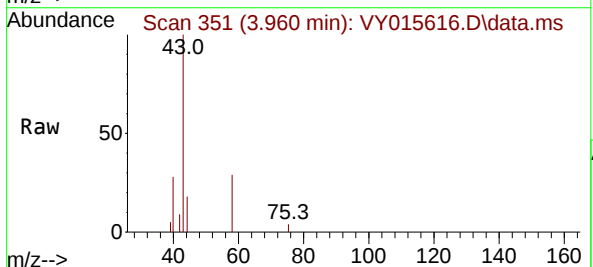
Instrument :
MSVOA_Y
ClientSampleId :
SU-03-09132023

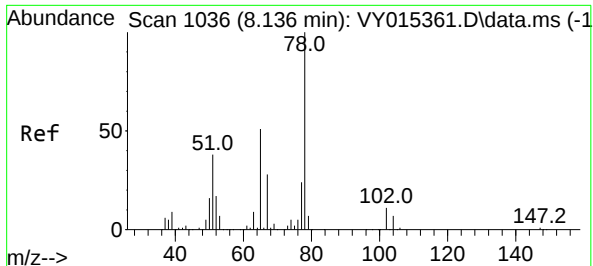
Tgt Ion:168 Resp: 148486
Ion Ratio Lower Upper
168 100
99 57.1 43.4 65.0



#16
Acetone
Concen: 5.121 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.018 min
Lab File: VY015616.D
Acq: 18 Sep 2023 15:48

Tgt Ion: 43 Resp: 3402
Ion Ratio Lower Upper
43 100
58 29.4 22.7 34.1





#33

1,2-Dichloroethane-d4

Concen: 59.629 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY015616.D

Acq: 18 Sep 2023 15:48

Instrument :

MSVOA_Y

ClientSampleId :

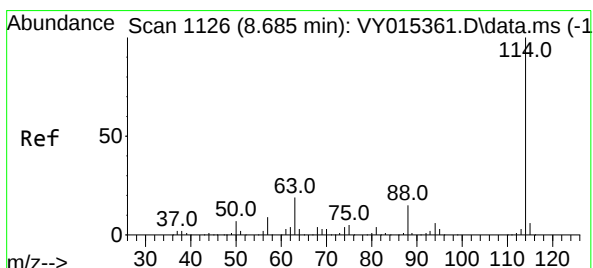
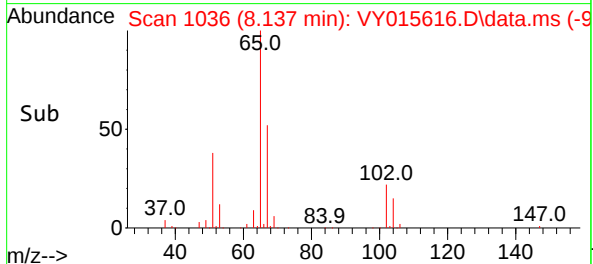
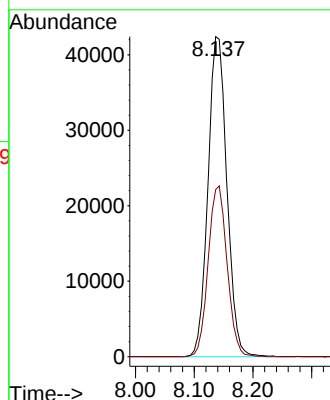
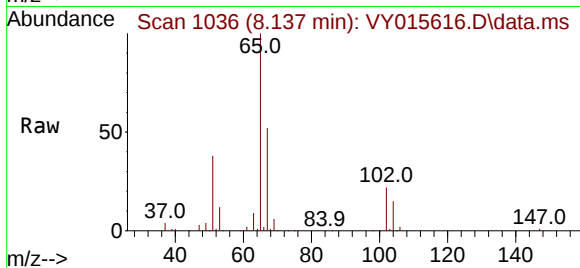
SU-03-09132023

Tgt Ion: 65 Resp: 94914

Ion Ratio Lower Upper

65 100

67 53.3 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: VY015616.D

Acq: 18 Sep 2023 15:48

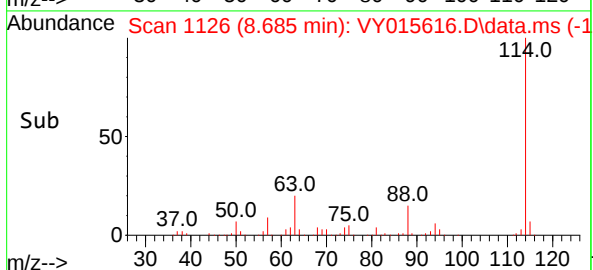
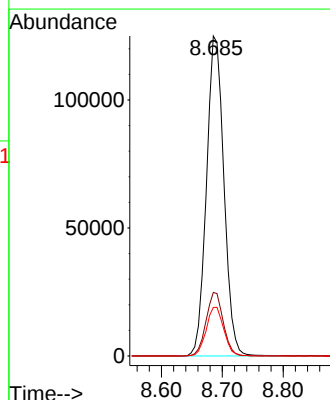
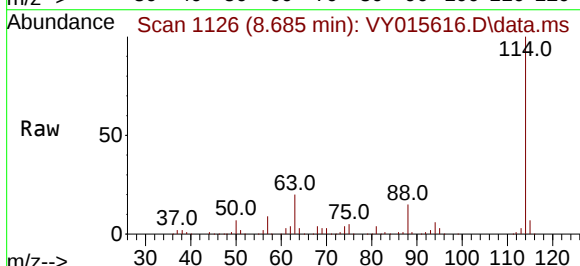
Tgt Ion: 114 Resp: 248558

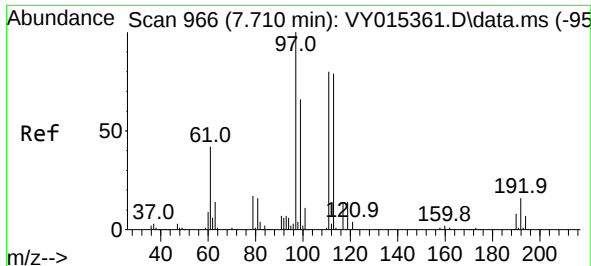
Ion Ratio Lower Upper

114 100

63 19.8 0.0 42.4

88 15.2 0.0 30.6

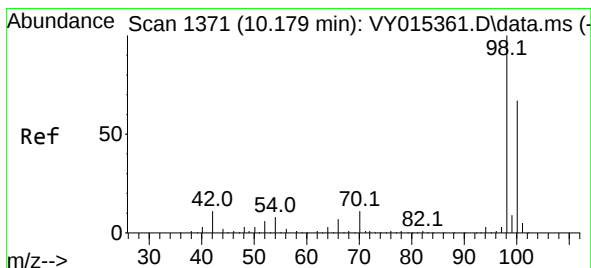
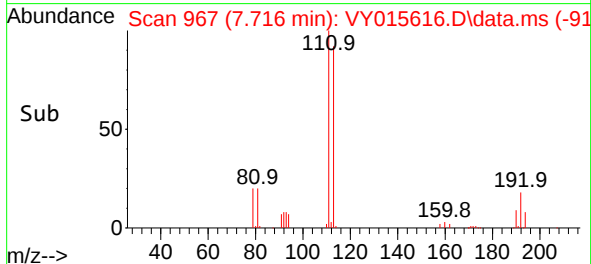
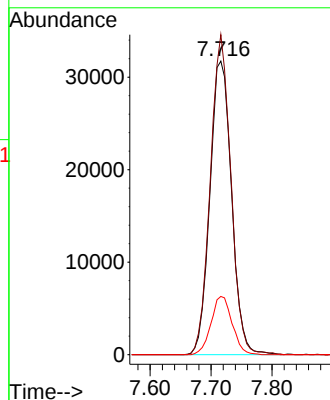
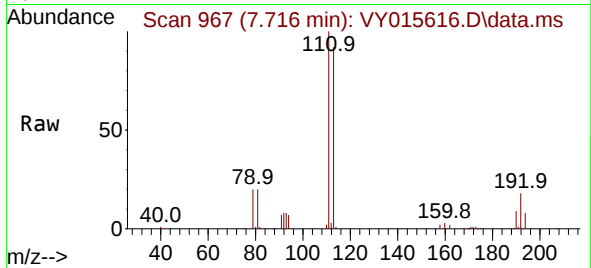




#35
Dibromofluoromethane
Concen: 54.808 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY015616.D
Acq: 18 Sep 2023 15:48

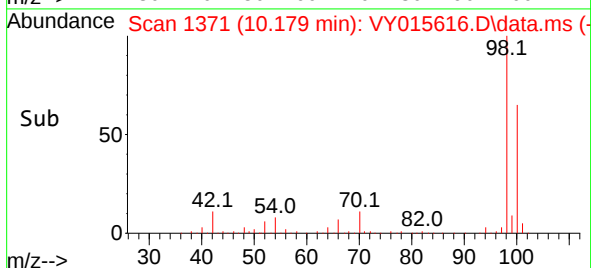
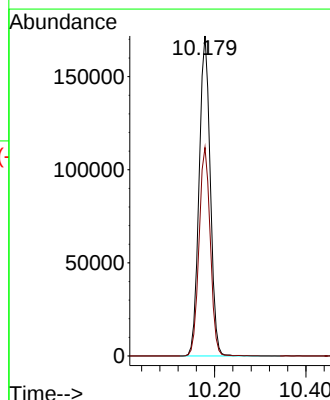
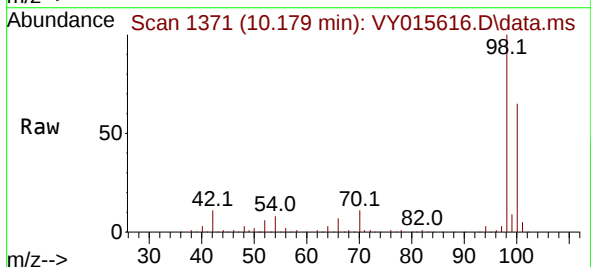
Instrument :
MSVOA_Y
ClientSampleId :
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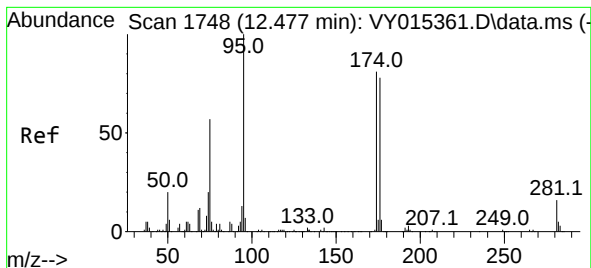
Tgt Ion:113 Resp: 78465
Ion Ratio Lower Upper
113 100
111 103.5 81.3 121.9
192 19.3 16.9 25.3



#50
Toluene-d8
Concen: 56.060 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015616.D
Acq: 18 Sep 2023 15:48

Tgt Ion: 98 Resp: 290643
Ion Ratio Lower Upper
98 100
100 65.5 50.1 75.1

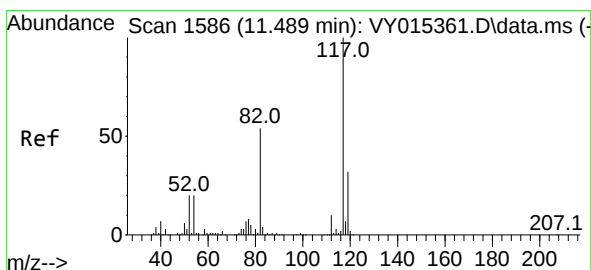
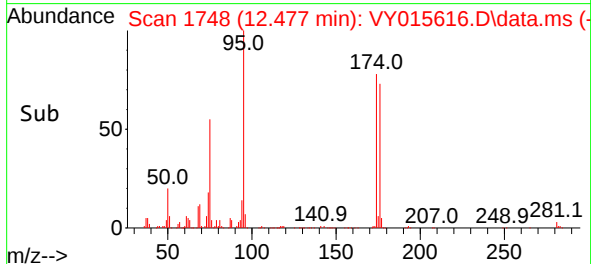
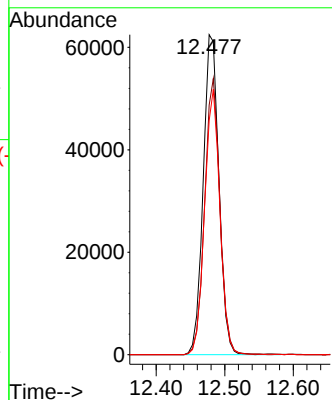
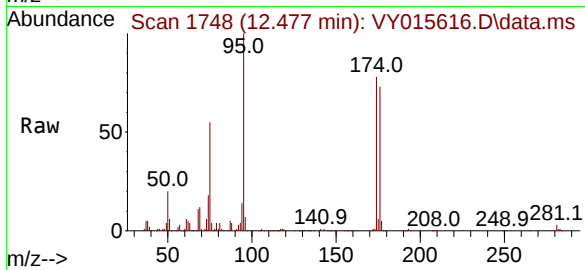




#62
4-Bromofluorobenzene
Concen: 51.823 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015616.D
Acq: 18 Sep 2023 15:48

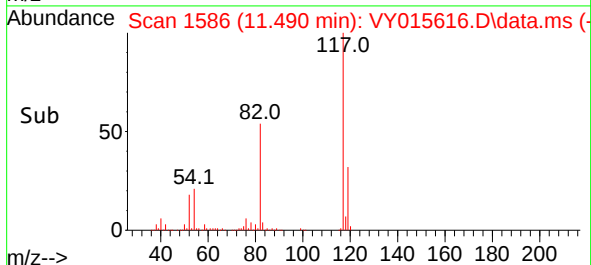
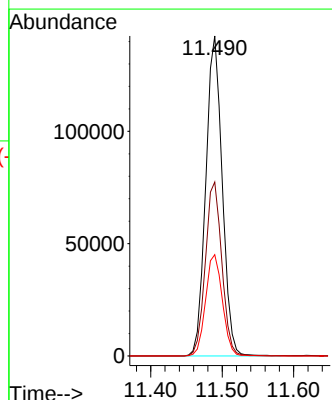
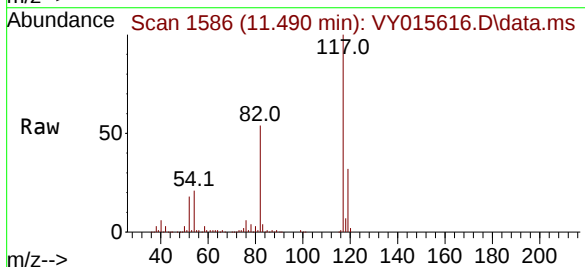
Instrument :
MSVOA_Y
ClientSampleId :
SU-03-09132023

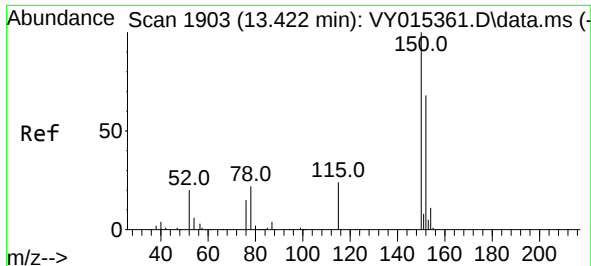
Tgt Ion: 95 Resp: 99742
Ion Ratio Lower Upper
95 100
174 84.1 0.0 178.2
176 80.8 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015616.D
Acq: 18 Sep 2023 15:48

Tgt Ion: 117 Resp: 227265
Ion Ratio Lower Upper
117 100
82 54.4 43.4 65.0
119 31.6 26.3 39.5

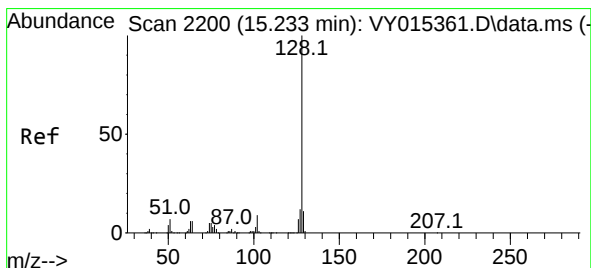
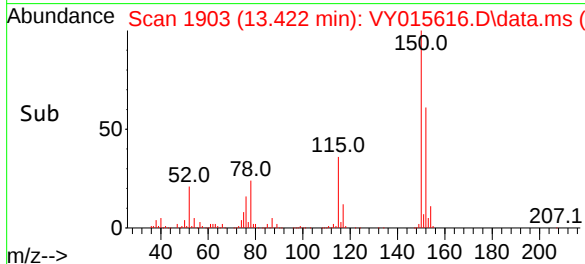
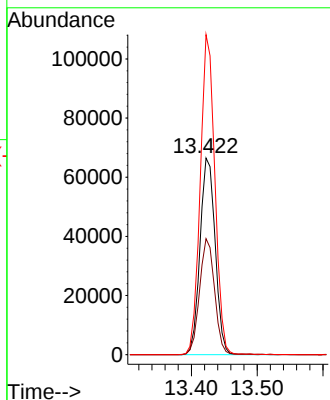
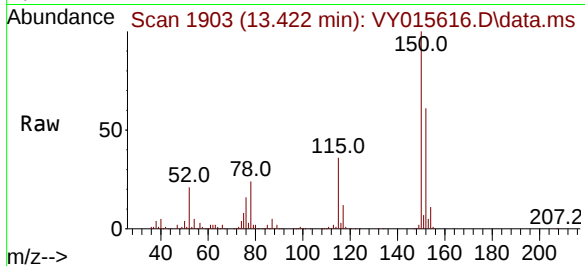




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY015616.D
Acq: 18 Sep 2023 15:48

Instrument :
MSVOA_Y
ClientSampleId :
SU-03-09132023

Tgt Ion:152 Resp: 106994
Ion Ratio Lower Upper
152 100
115 58.2 28.8 86.5
150 156.6 0.0 348.8



#95
Naphthalene
Concen: 1.011 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY015616.D
Acq: 18 Sep 2023 15:48

Tgt Ion:128 Resp: 5392
Ion Ratio Lower Upper
128 100
127 12.9 10.8 16.2
129 11.3 8.6 13.0

