

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090123\
 Data File : VY015421.D
 Acq On : 01 Sep 2023 17:28
 Operator : SY/MD
 Sample : 04283-03
 Misc : 4.20g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-3

Quant Time: Sep 01 23:44:20 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)

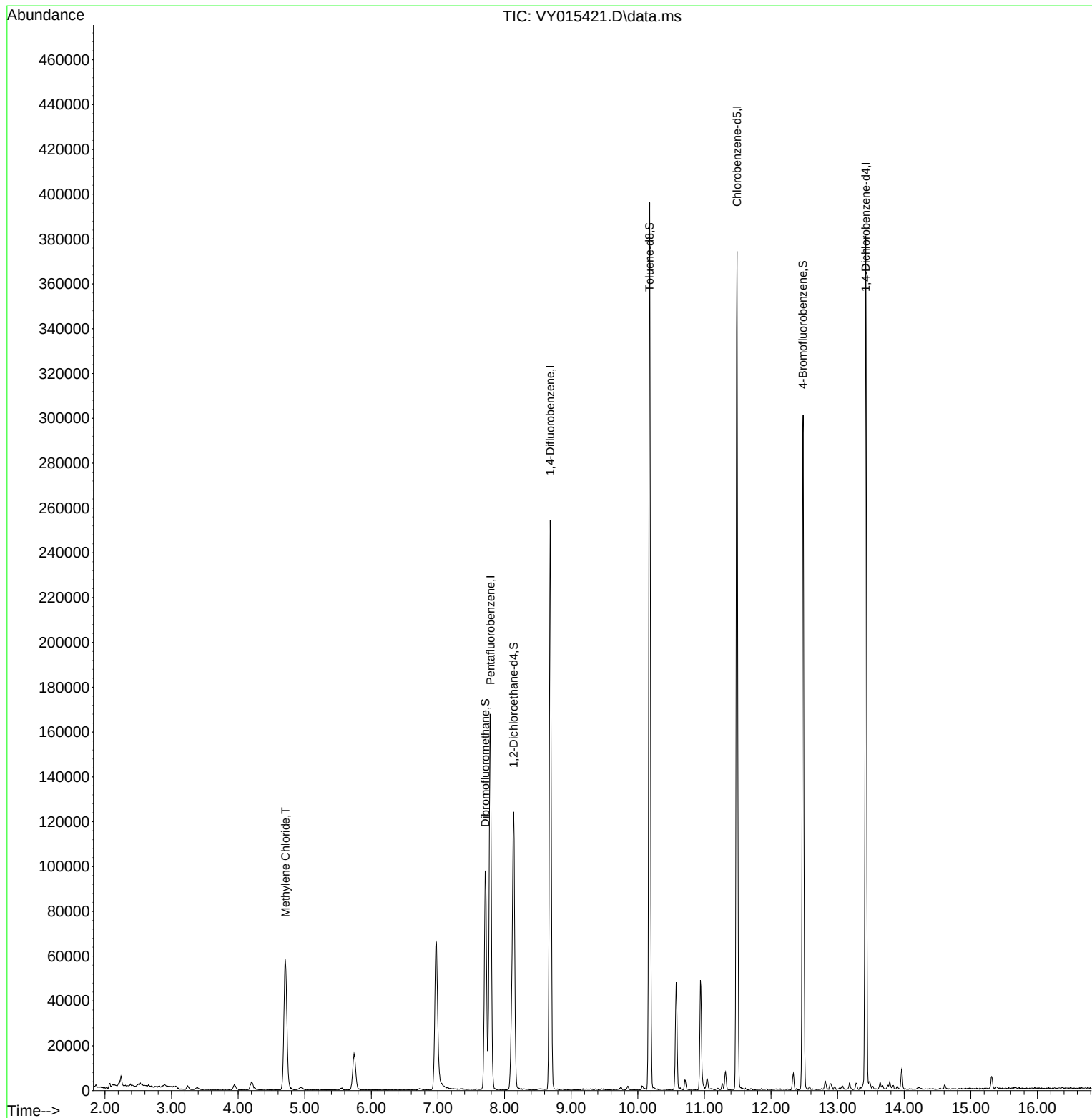
Internal Standards						
1) Pentafluorobenzene	7.789	168	128204	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	214132	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	196523	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	94673	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	85724	62.375	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.760%
35) Dibromofluoromethane	7.710	113	68719	55.717	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.440%
50) Toluene-d8	10.179	98	253917	56.850	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	113.700%
62) 4-Bromofluorobenzene	12.477	95	85000	51.263	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	102.520%
Target Compounds						
20) Methylene Chloride	4.710	84	44607	20.075	ug/l	# 90

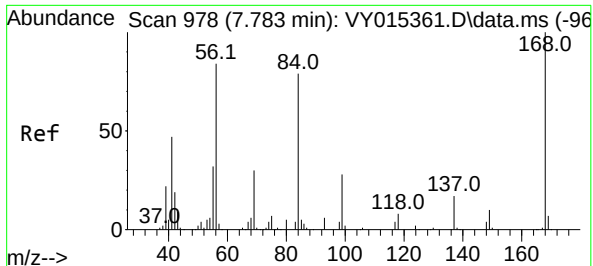
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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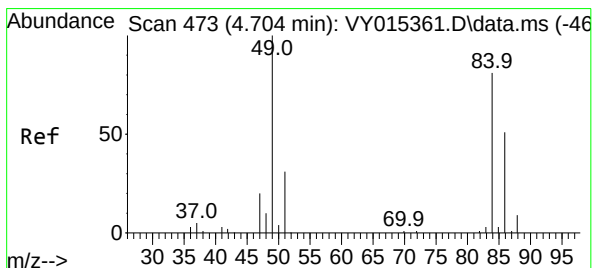
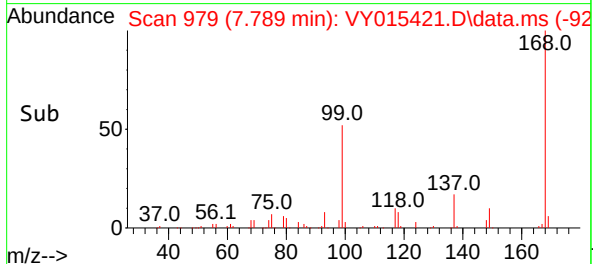
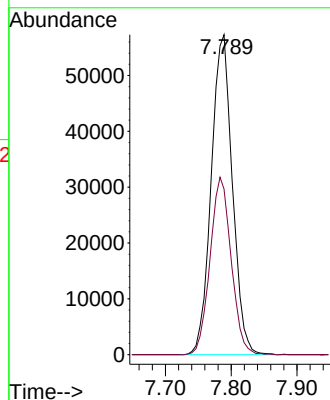
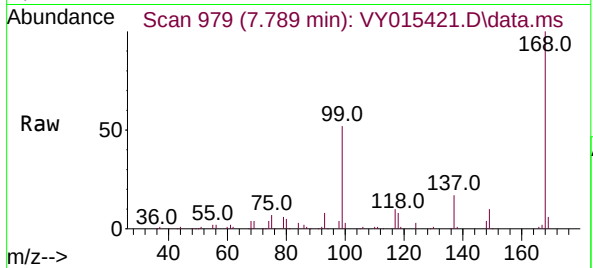




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015421.D
Acq: 01 Sep 2023 17:28

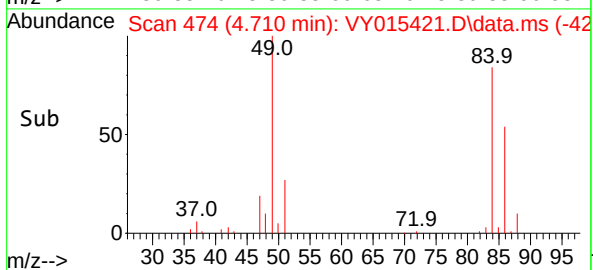
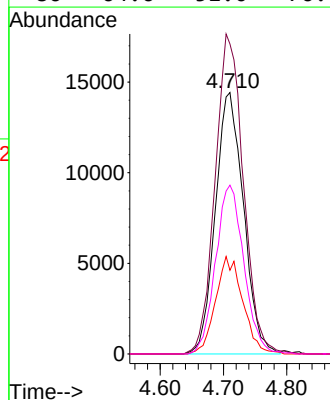
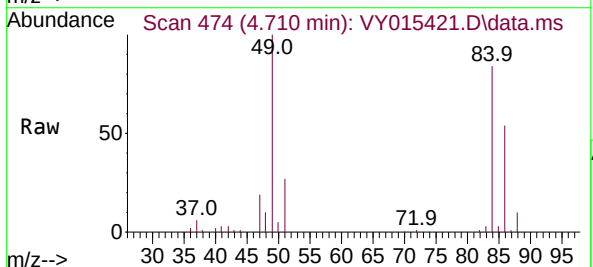
Instrument :
MSVOA_Y
ClientSampleId :
SB-3

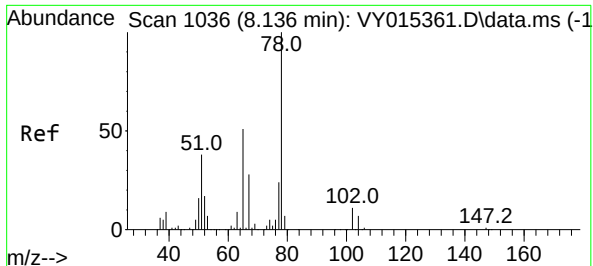
Tgt Ion:168 Resp: 128204
Ion Ratio Lower Upper
168 100
99 51.7 43.4 65.0



#20
Methylene Chloride
Concen: 20.075 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY015421.D
Acq: 01 Sep 2023 17:28

Tgt Ion: 84 Resp: 44607
Ion Ratio Lower Upper
84 100
49 118.5 106.9 160.3
51 32.0 33.2 49.8#
86 64.6 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 62.375 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY015421.D

Acq: 01 Sep 2023 17:28

Instrument :

MSVOA_Y

ClientSampleId :

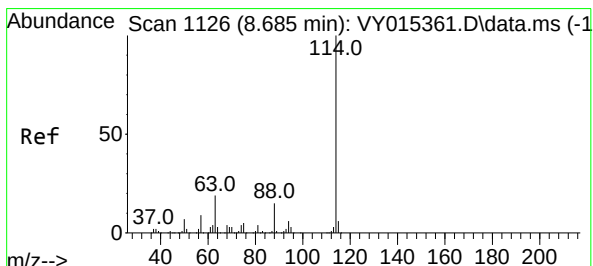
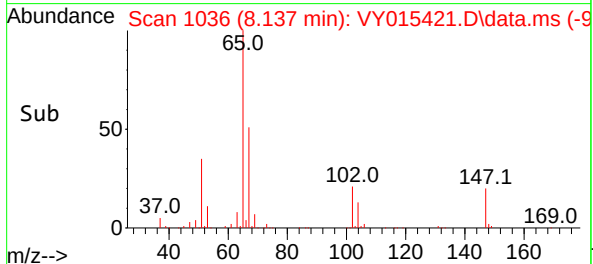
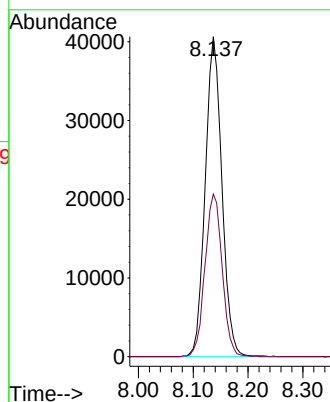
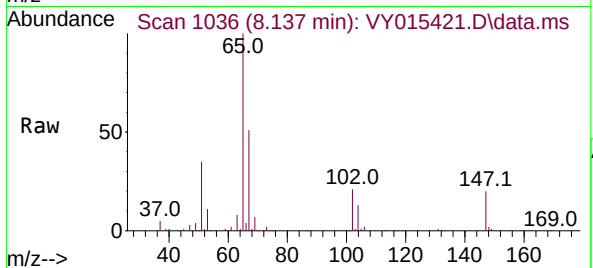
SB-3

Tgt Ion: 65 Resp: 85724

Ion Ratio Lower Upper

65 100

67 52.5 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: VY015421.D

Acq: 01 Sep 2023 17:28

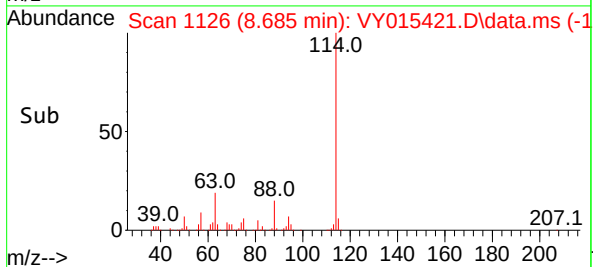
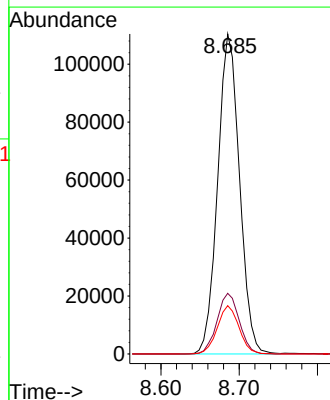
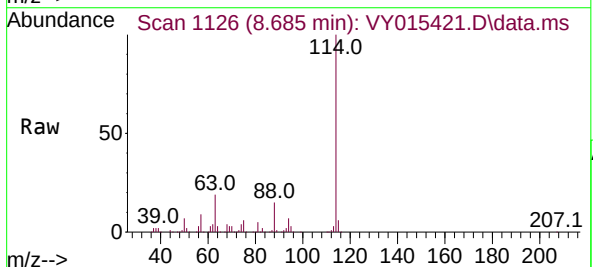
Tgt Ion: 114 Resp: 214132

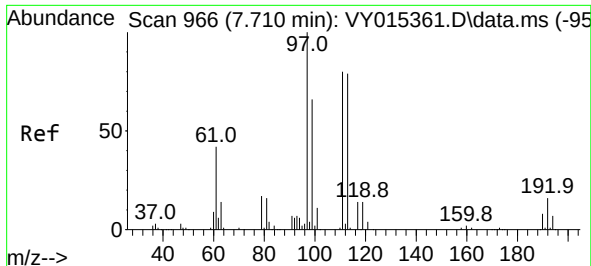
Ion Ratio Lower Upper

114 100

63 18.9 0.0 42.4

88 15.1 0.0 30.6

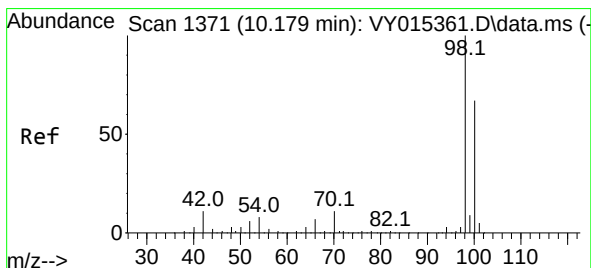
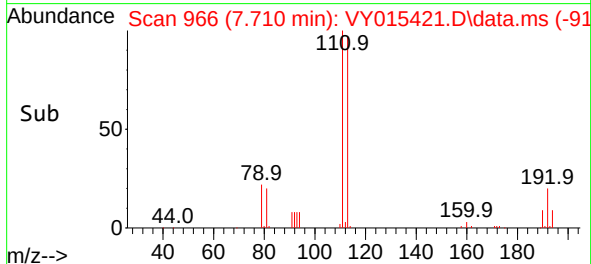
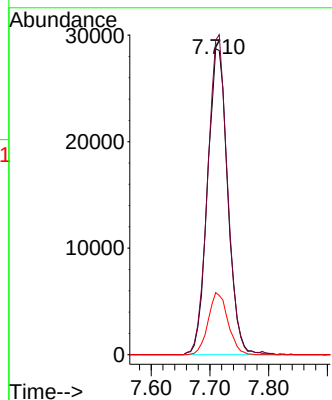
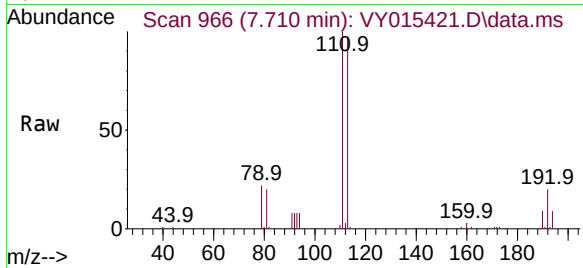




#35
Dibromofluoromethane
Concen: 55.717 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY015421.D
Acq: 01 Sep 2023 17:28

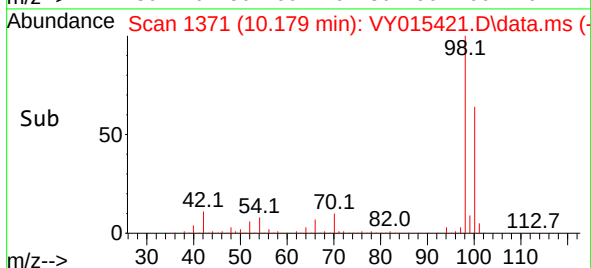
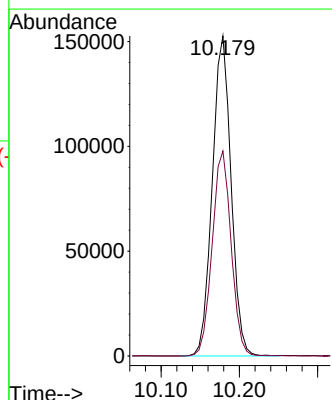
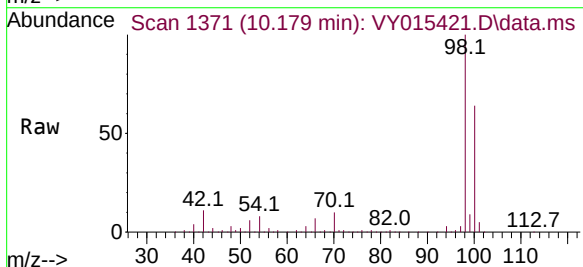
Instrument :
MSVOA_Y
ClientSampleId :
SB-3

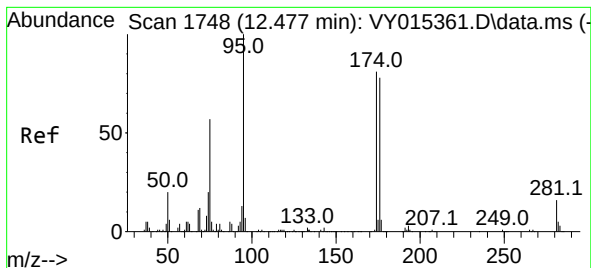
Tgt Ion:113 Resp: 68719
Ion Ratio Lower Upper
113 100
111 102.2 81.3 121.9
192 19.8 16.9 25.3



#50
Toluene-d8
Concen: 56.850 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015421.D
Acq: 01 Sep 2023 17:28

Tgt Ion: 98 Resp: 253917
Ion Ratio Lower Upper
98 100
100 64.6 50.1 75.1

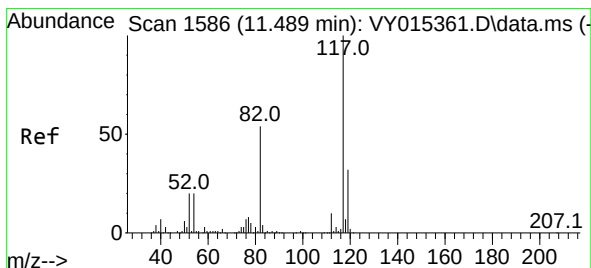
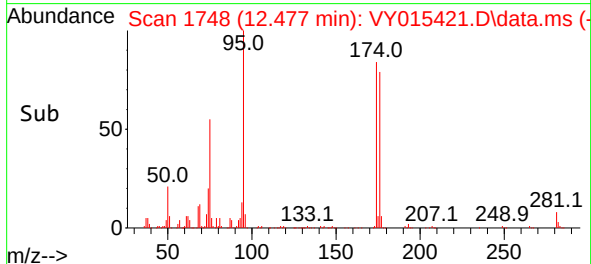
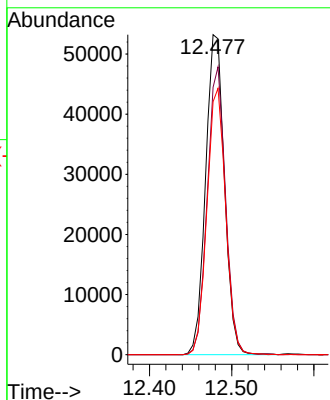
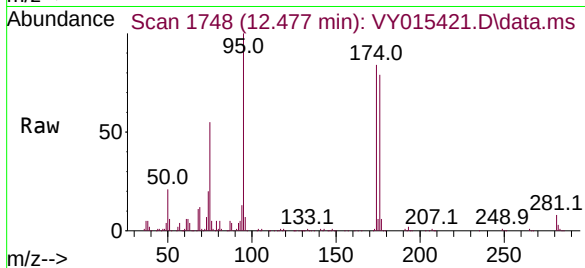




#62
4-Bromofluorobenzene
Concen: 51.263 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015421.D
Acq: 01 Sep 2023 17:28

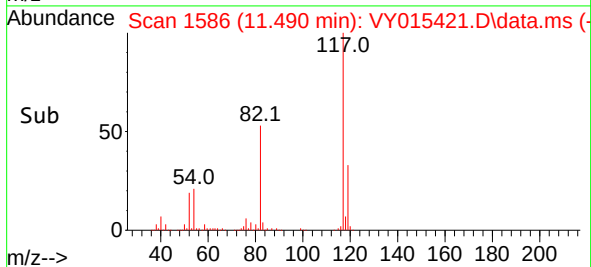
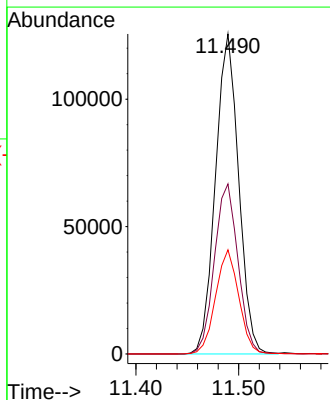
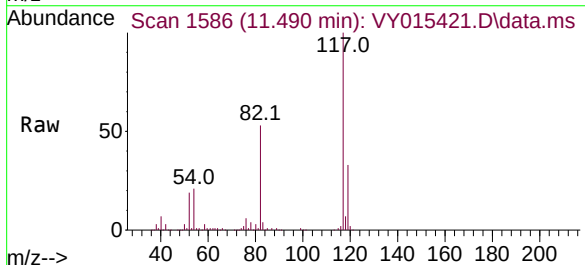
Instrument :
MSVOA_Y
ClientSampleId :
SB-3

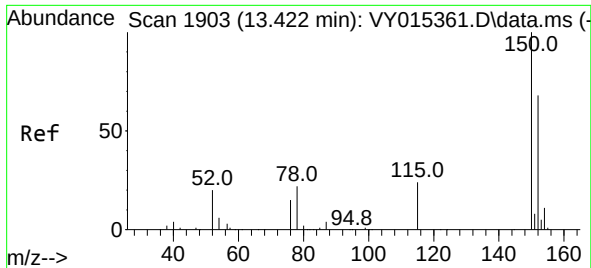
Tgt Ion: 95 Resp: 85000
Ion Ratio Lower Upper
95 100
174 87.2 0.0 178.2
176 82.4 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015421.D
Acq: 01 Sep 2023 17:28

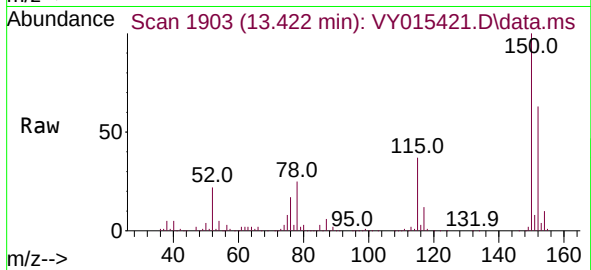
Tgt Ion: 117 Resp: 196523
Ion Ratio Lower Upper
117 100
82 53.1 43.4 65.0
119 32.6 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY015421.D
 Acq: 01 Sep 2023 17:28

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-3



Tgt Ion:	152	Resp:	94673
Ion	Ratio	Lower	Upper
152	100		
115	58.1	28.8	86.5
150	158.2	0.0	348.8

