

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090123\
 Data File : VY015420.D
 Acq On : 01 Sep 2023 17:05
 Operator : SY/MD
 Sample : 04283-02
 Misc : 4.77g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2

Quant Time: Sep 01 23:43:53 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)

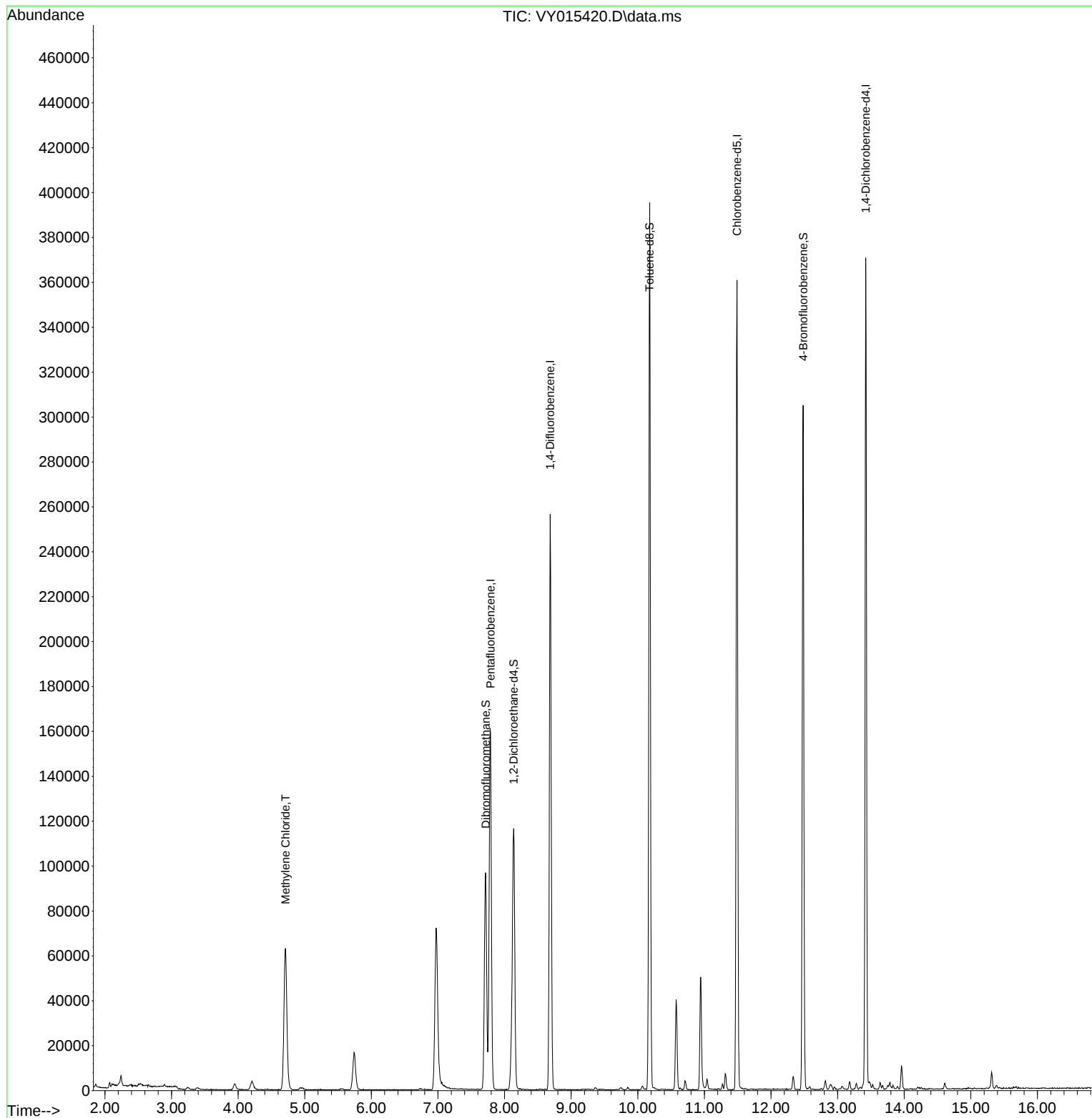
Internal Standards						
1) Pentafluorobenzene	7.789	168	126034	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	212243	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	193627	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	92580	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	84845	62.799	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.600%	
35) Dibromofluoromethane	7.716	113	67943	55.578	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.160%	
50) Toluene-d8	10.179	98	249258	56.304	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.600%	
62) 4-Bromofluorobenzene	12.483	95	84892	51.654	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.300%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.710	84	47355	22.259	ug/l	93

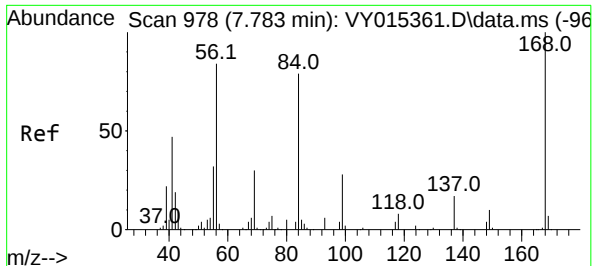
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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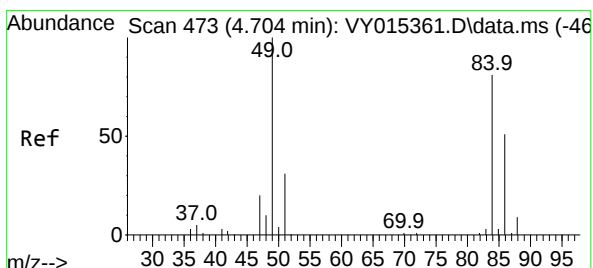
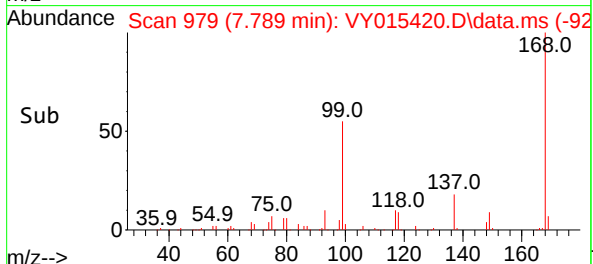
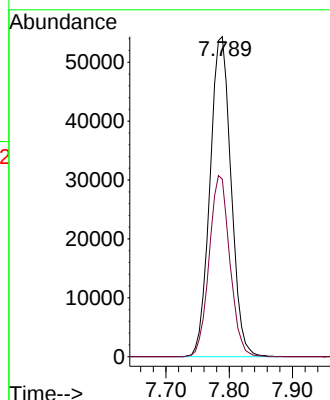
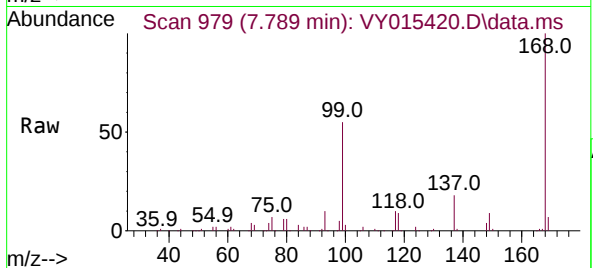




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015420.D
Acq: 01 Sep 2023 17:05

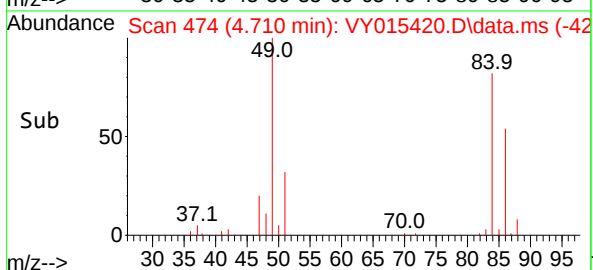
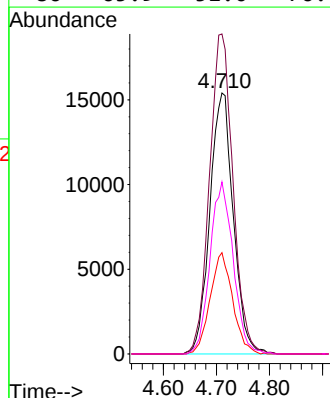
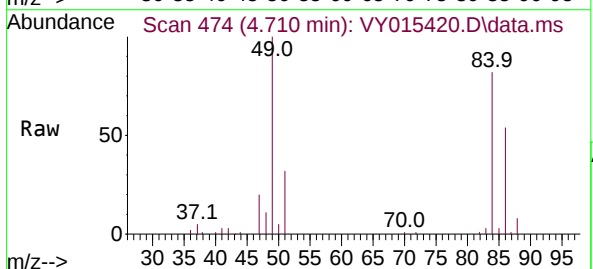
Instrument :
MSVOA_Y
ClientSampleId :
SB-2

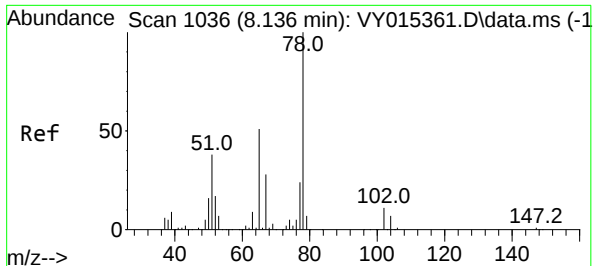
Tgt Ion:168 Resp: 126034
Ion Ratio Lower Upper
168 100
99 55.5 43.4 65.0



#20
Methylene Chloride
Concen: 22.259 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY015420.D
Acq: 01 Sep 2023 17:05

Tgt Ion: 84 Resp: 47355
Ion Ratio Lower Upper
84 100
49 122.6 106.9 160.3
51 38.8 33.2 49.8
86 65.9 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 62.799 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY015420.D

Acq: 01 Sep 2023 17:05

Instrument :

MSVOA_Y

ClientSampleId :

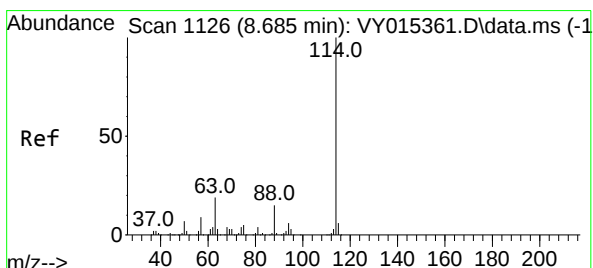
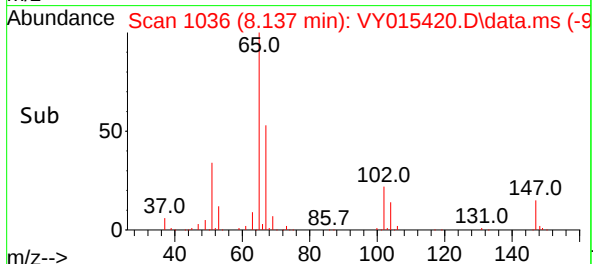
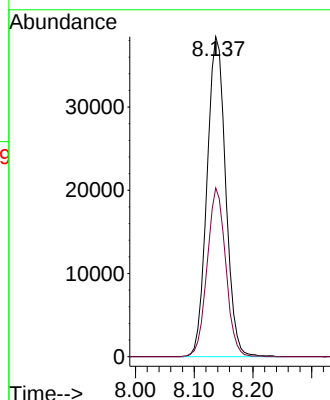
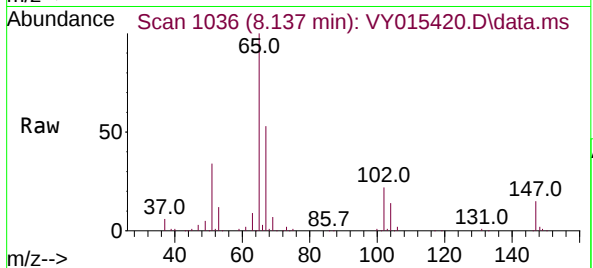
SB-2

Tgt Ion: 65 Resp: 84845

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: VY015420.D

Acq: 01 Sep 2023 17:05

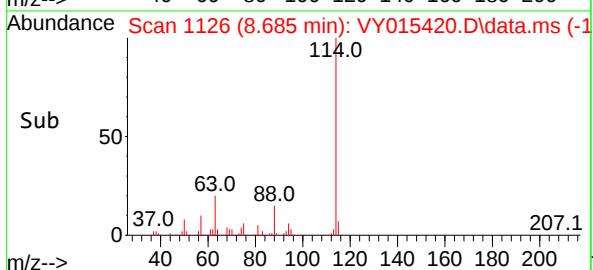
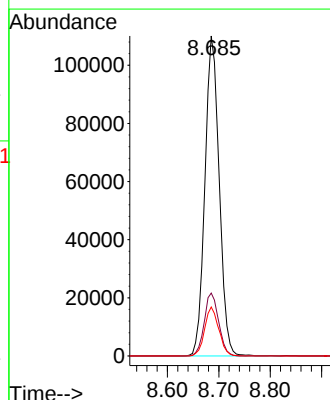
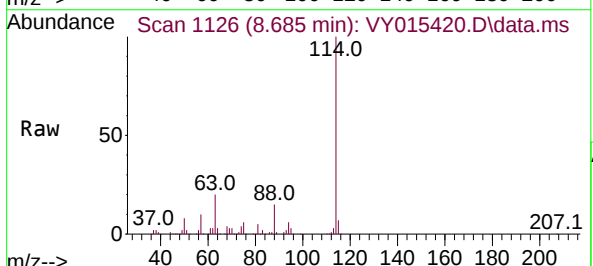
Tgt Ion:114 Resp: 212243

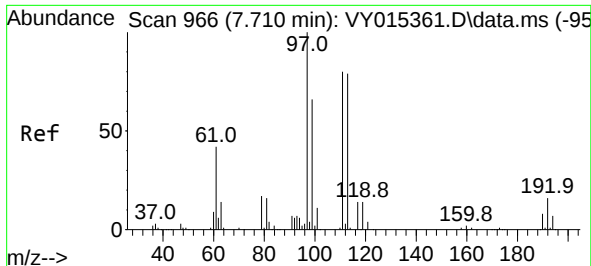
Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.4

88 15.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 55.578 ug/l

RT: 7.716 min Scan# 90

Delta R.T. 0.000 min

Lab File: VY015420.D

Acq: 01 Sep 2023 17:05

Instrument :

MSVOA_Y

ClientSampleId :

SB-2

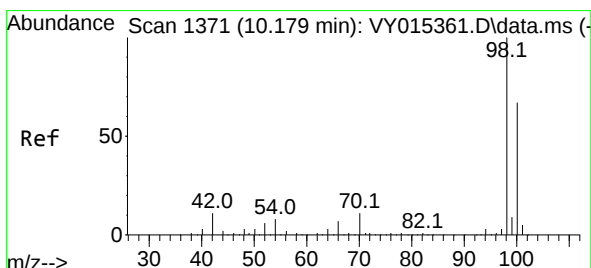
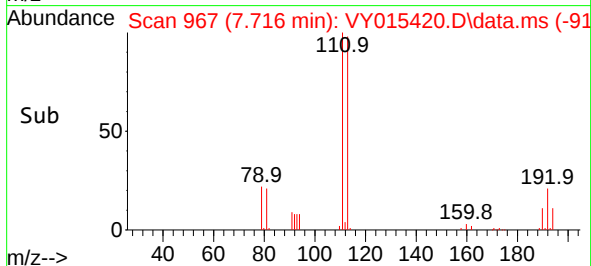
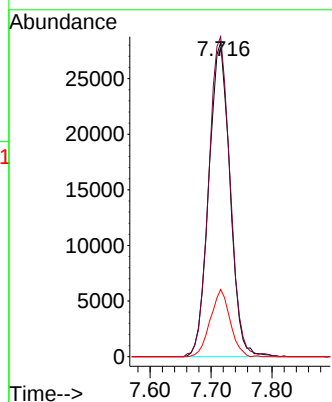
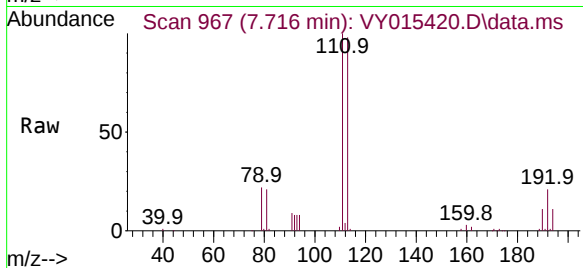
Tgt Ion:113 Resp: 67943

Ion Ratio Lower Upper

113 100

111 103.2 81.3 121.9

192 20.1 16.9 25.3



#50

Toluene-d8

Concen: 56.304 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY015420.D

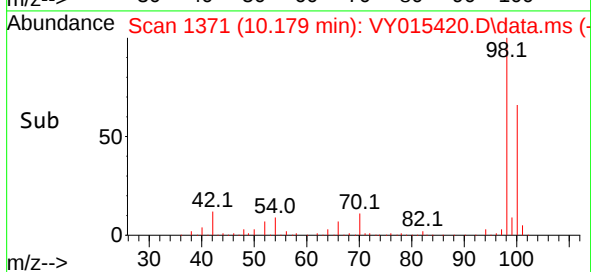
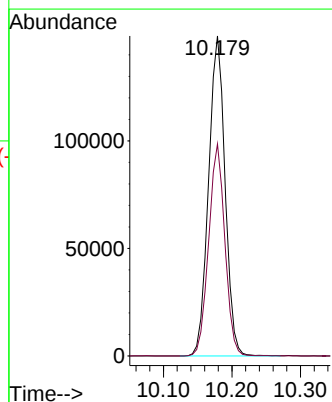
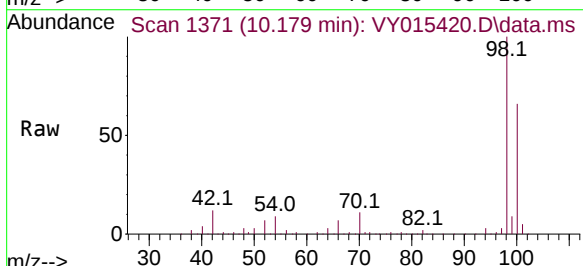
Acq: 01 Sep 2023 17:05

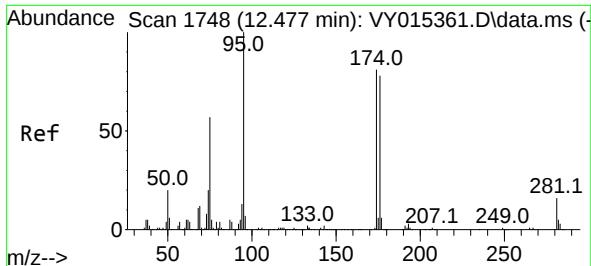
Tgt Ion: 98 Resp: 249258

Ion Ratio Lower Upper

98 100

100 64.9 50.1 75.1

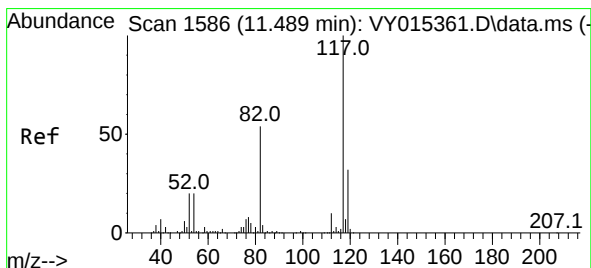
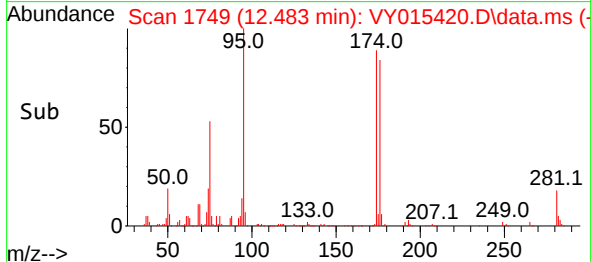
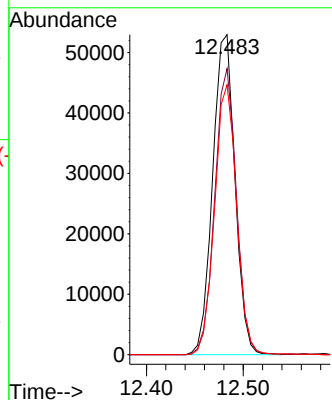
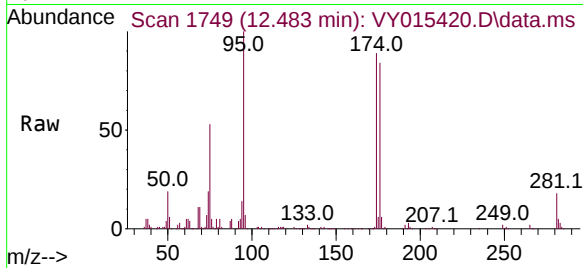




#62
4-Bromofluorobenzene
Concen: 51.654 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015420.D
Acq: 01 Sep 2023 17:05

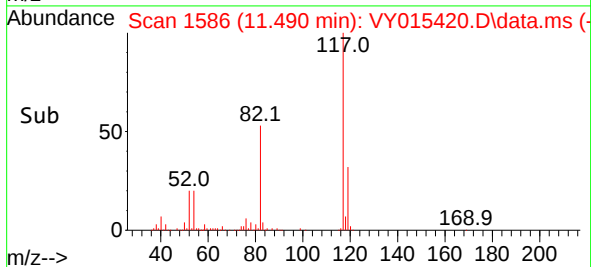
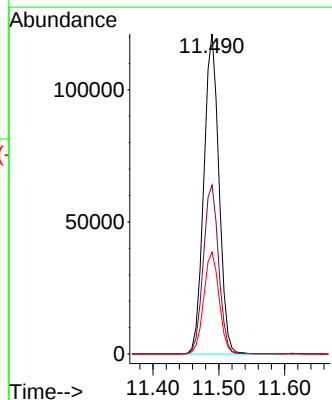
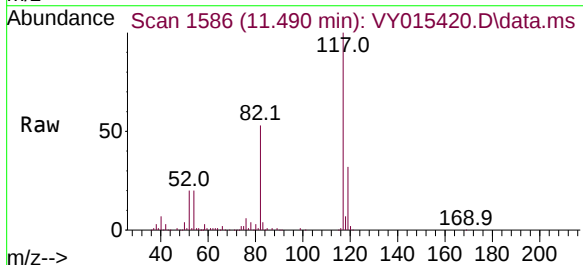
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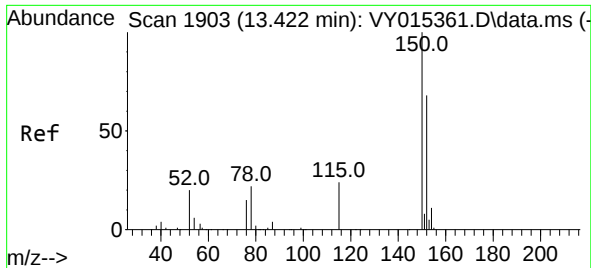
Tgt Ion: 95 Resp: 84892
Ion Ratio Lower Upper
95 100
174 86.8 0.0 178.2
176 82.9 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015420.D
Acq: 01 Sep 2023 17:05

Tgt Ion: 117 Resp: 193627
Ion Ratio Lower Upper
117 100
82 52.8 43.4 65.0
119 31.8 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: VY015420.D

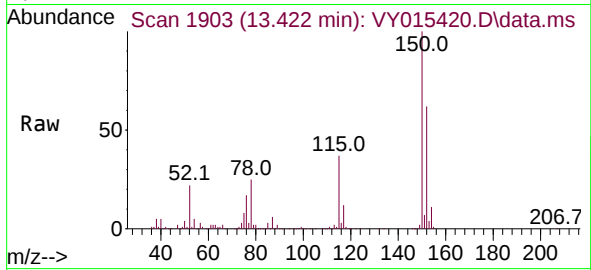
Acq: 01 Sep 2023 17:05

Instrument :

MSVOA_Y

ClientSampleId :

SB-2



Tgt Ion:152 Resp: 92580

Ion Ratio Lower Upper

152 100

115 59.1 28.8 86.5

150 158.7 0.0 348.8

