

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090123\
 Data File : VY015419.D
 Acq On : 01 Sep 2023 16:41
 Operator : SY/MD
 Sample : 04283-01
 Misc : 4.84g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-1

Quant Time: Sep 01 23:43:27 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)

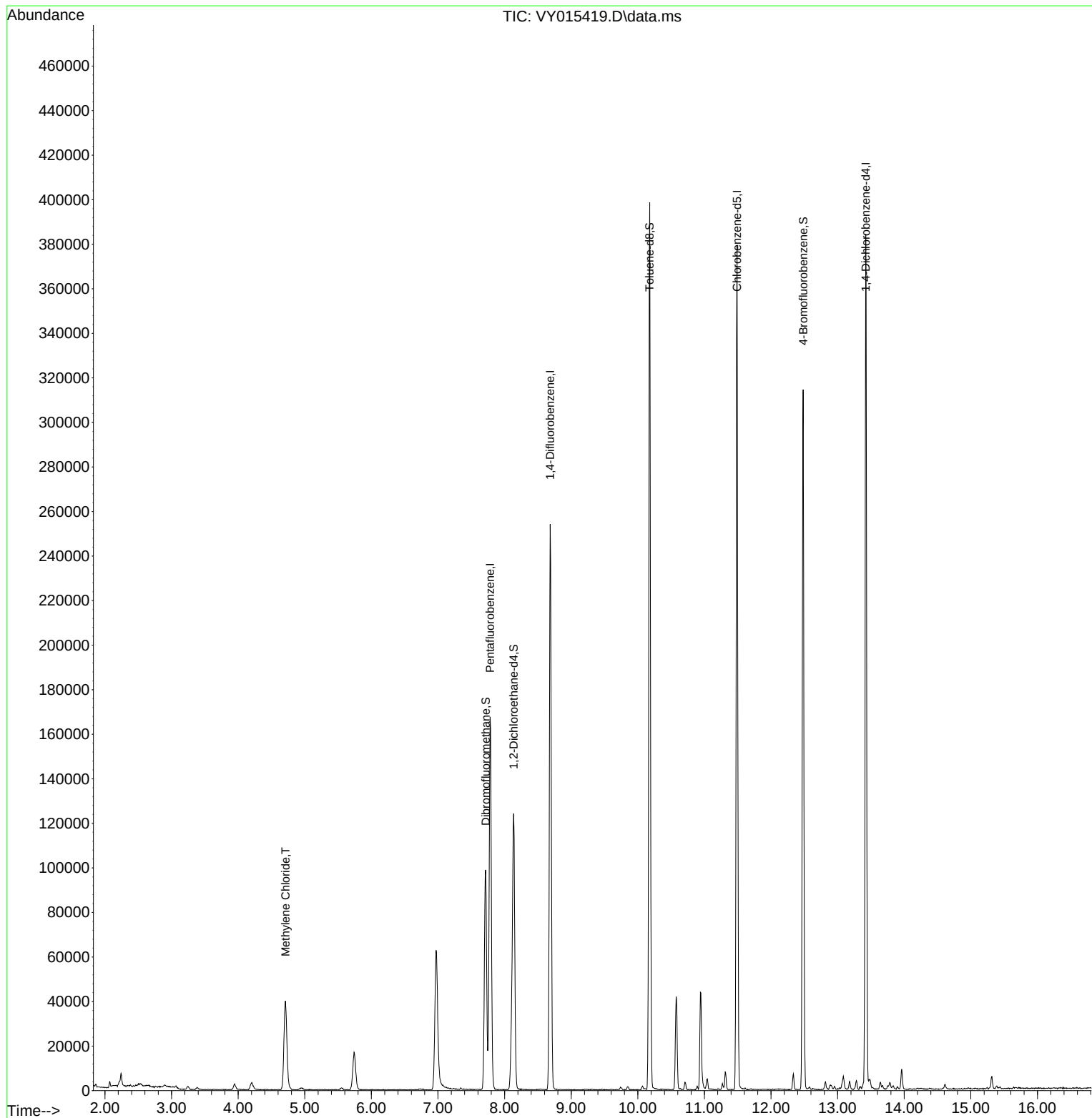
Internal Standards						
1) Pentafluorobenzene	7.783	168	129647	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	217234	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	199994	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	96274	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	87311	62.823	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.640%	
35) Dibromofluoromethane	7.716	113	70770	56.561	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.120%	
50) Toluene-d8	10.179	98	257370	56.800	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 113.600%	
62) 4-Bromofluorobenzene	12.483	95	87351	51.929	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.860%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.710	84	30379	11.255	ug/l	93

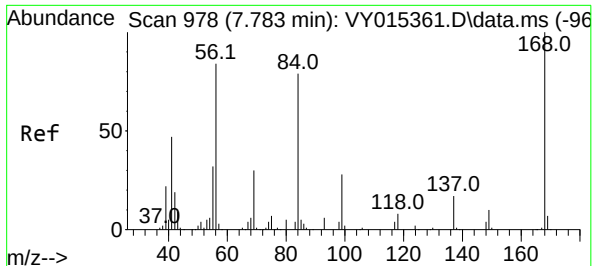
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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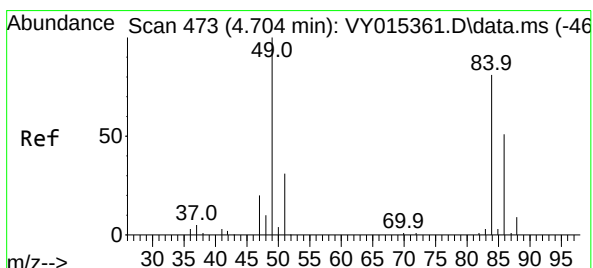
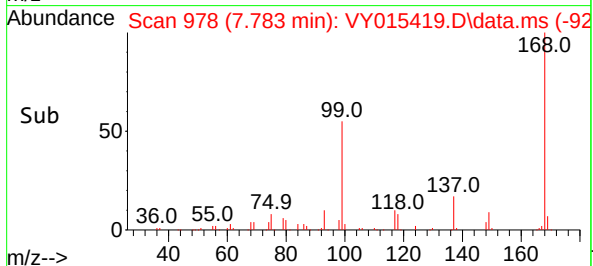
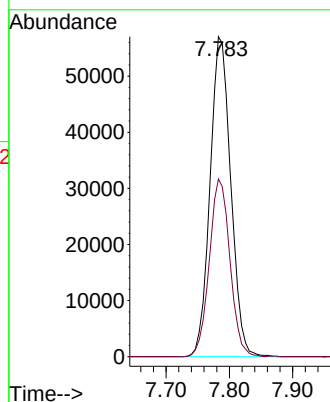
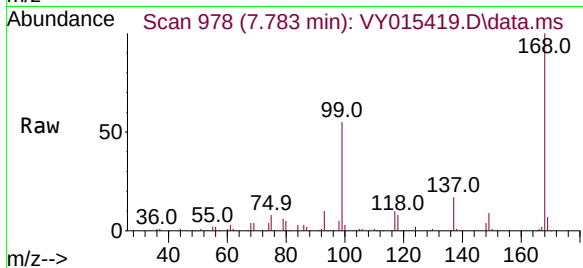




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015419.D
Acq: 01 Sep 2023 16:41

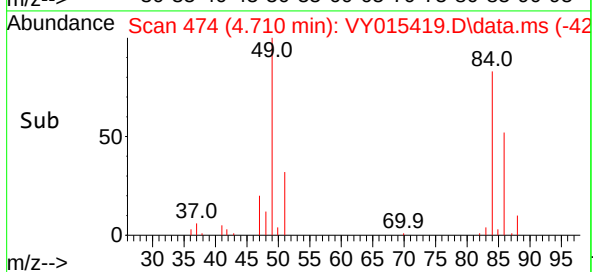
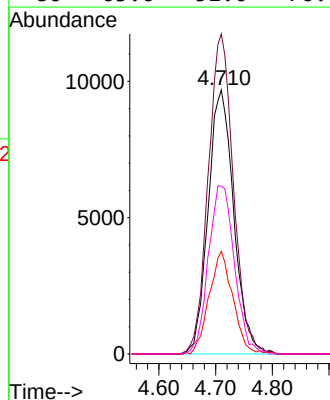
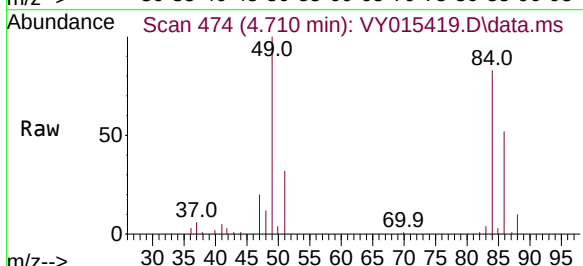
Instrument :
MSVOA_Y
ClientSampleId :
SB-1

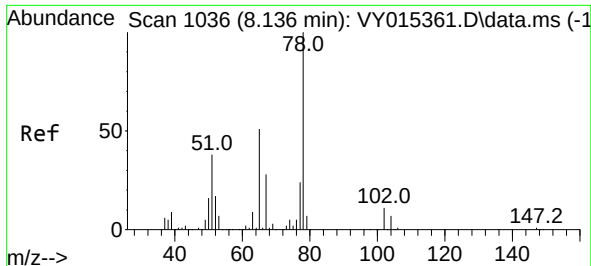
Tgt Ion:168 Resp: 129647
Ion Ratio Lower Upper
168 100
99 55.5 43.4 65.0



#20
Methylene Chloride
Concen: 11.255 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY015419.D
Acq: 01 Sep 2023 16:41

Tgt Ion: 84 Resp: 30379
Ion Ratio Lower Upper
84 100
49 121.2 106.9 160.3
51 38.9 33.2 49.8
86 63.6 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 62.823 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY015419.D

Acq: 01 Sep 2023 16:41

Instrument :

MSVOA_Y

ClientSampleId :

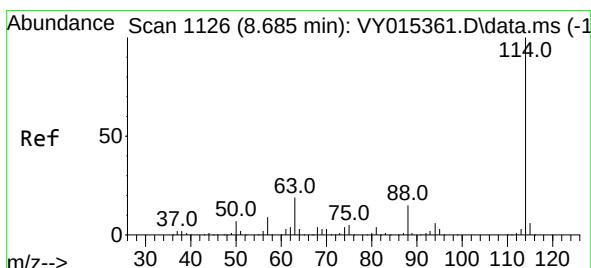
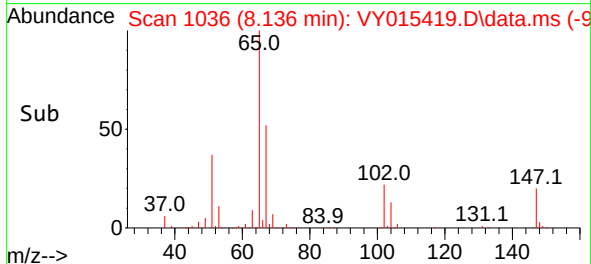
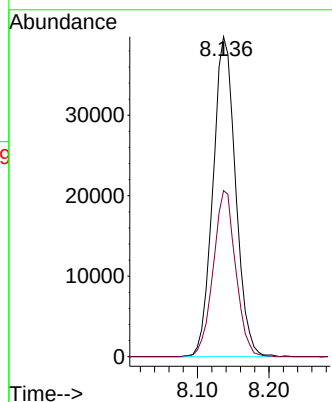
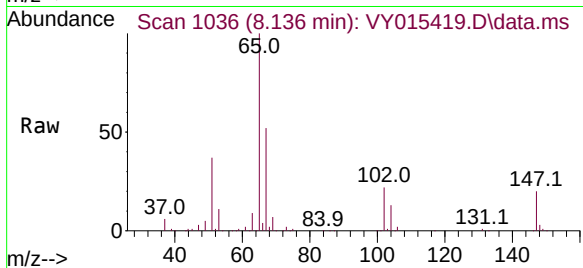
SB-1

Tgt Ion: 65 Resp: 87311

Ion Ratio Lower Upper

65 100

67 51.7 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: VY015419.D

Acq: 01 Sep 2023 16:41

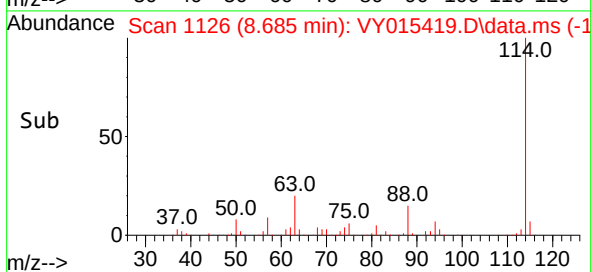
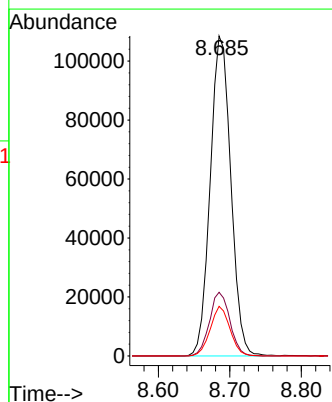
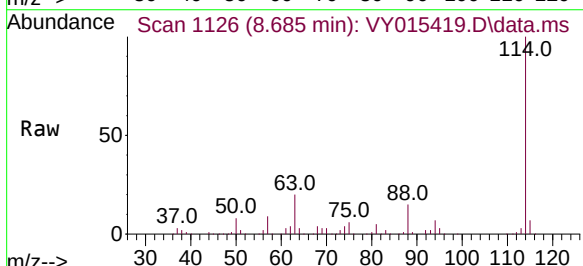
Tgt Ion: 114 Resp: 217234

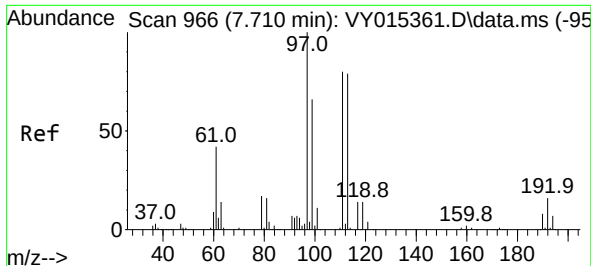
Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.4

88 15.5 0.0 30.6

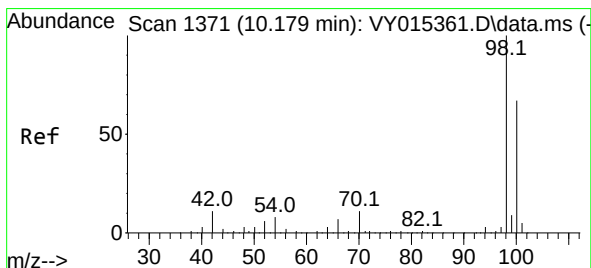
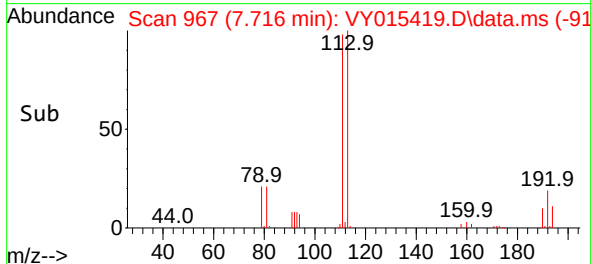
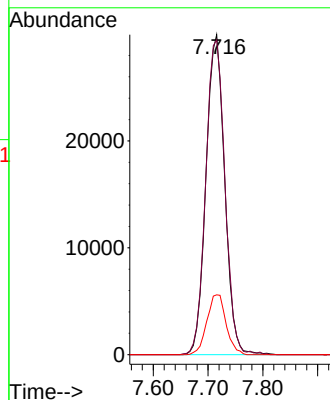
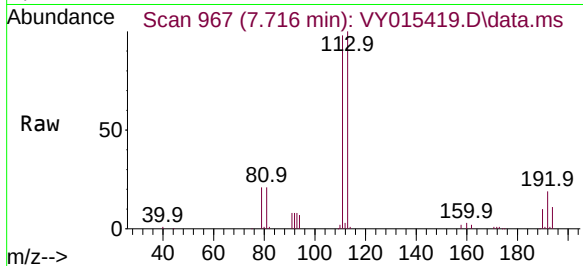




#35
Dibromofluoromethane
Concen: 56.561 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY015419.D
Acq: 01 Sep 2023 16:41

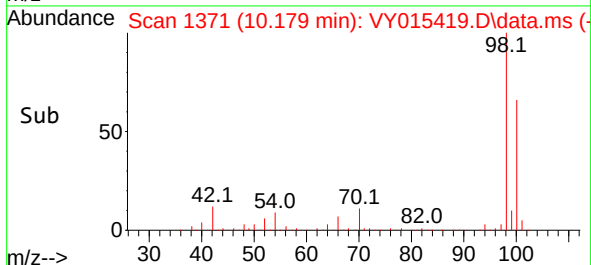
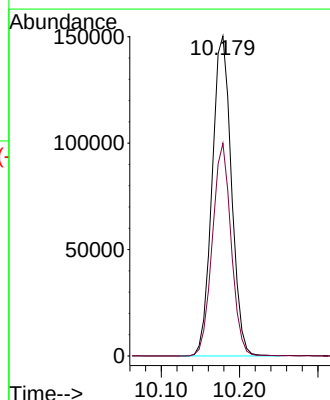
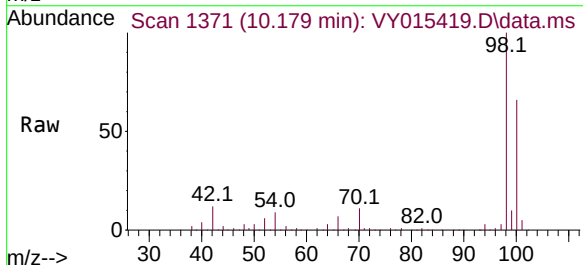
Instrument :
MSVOA_Y
ClientSampleId :
SB-1

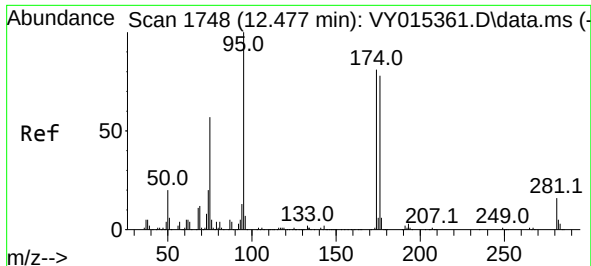
Tgt Ion:113 Resp: 70770
Ion Ratio Lower Upper
113 100
111 101.3 81.3 121.9
192 19.2 16.9 25.3



#50
Toluene-d8
Concen: 56.800 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015419.D
Acq: 01 Sep 2023 16:41

Tgt Ion: 98 Resp: 257370
Ion Ratio Lower Upper
98 100
100 64.6 50.1 75.1





#62

4-Bromofluorobenzene

Concen: 51.929 ug/l

RT: 12.483 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015419.D

Acq: 01 Sep 2023 16:41

Instrument :

MSVOA_Y

ClientSampleId :

SB-1

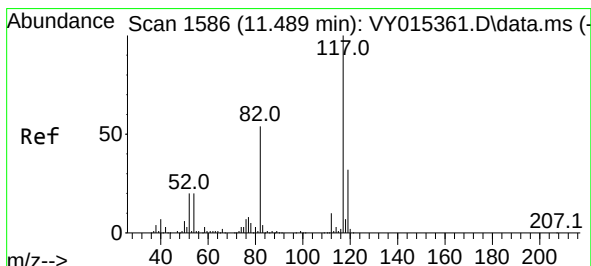
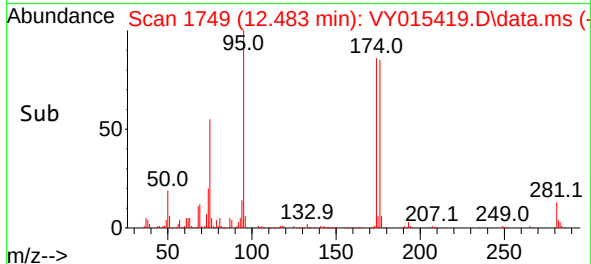
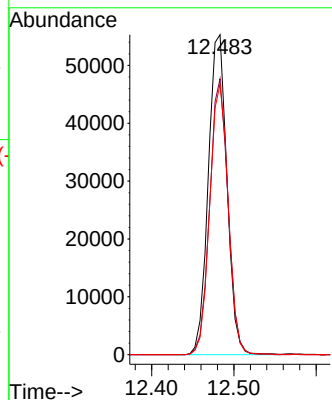
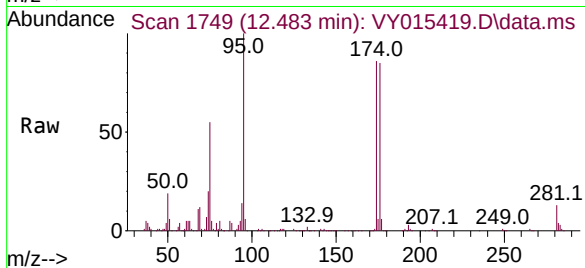
Tgt Ion: 95 Resp: 87351

Ion Ratio Lower Upper

95 100

174 84.3 0.0 178.2

176 83.4 0.0 173.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1586

Delta R.T. -0.000 min

Lab File: VY015419.D

Acq: 01 Sep 2023 16:41

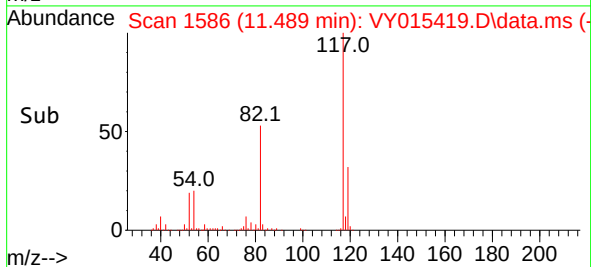
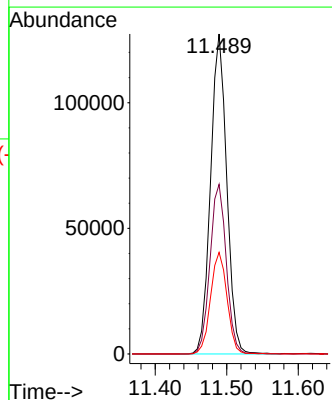
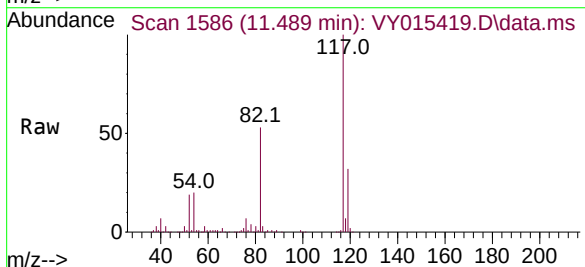
Tgt Ion: 117 Resp: 199994

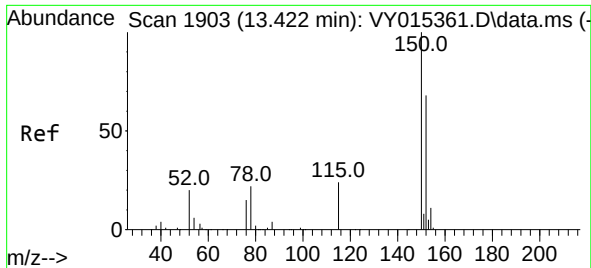
Ion Ratio Lower Upper

117 100

82 53.0 43.4 65.0

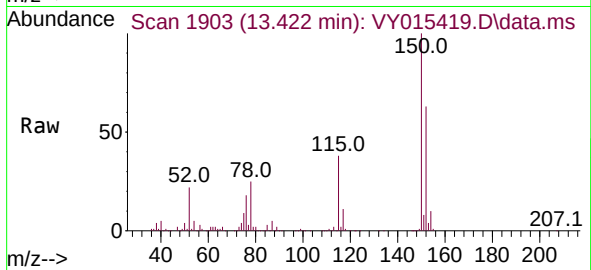
119 31.7 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY015419.D
 Acq: 01 Sep 2023 16:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-1



Tgt Ion:152 Resp: 96274
 Ion Ratio Lower Upper
 152 100
 115 59.2 28.8 86.5
 150 158.7 0.0 348.8

