

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091123\
 Data File : VY015499.D
 Acq On : 11 Sep 2023 20:02
 Operator : SY/MD
 Sample : 04374-09
 Misc : 9.24g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DB-1-(27-29)

Quant Time: Sep 12 01:22:31 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)

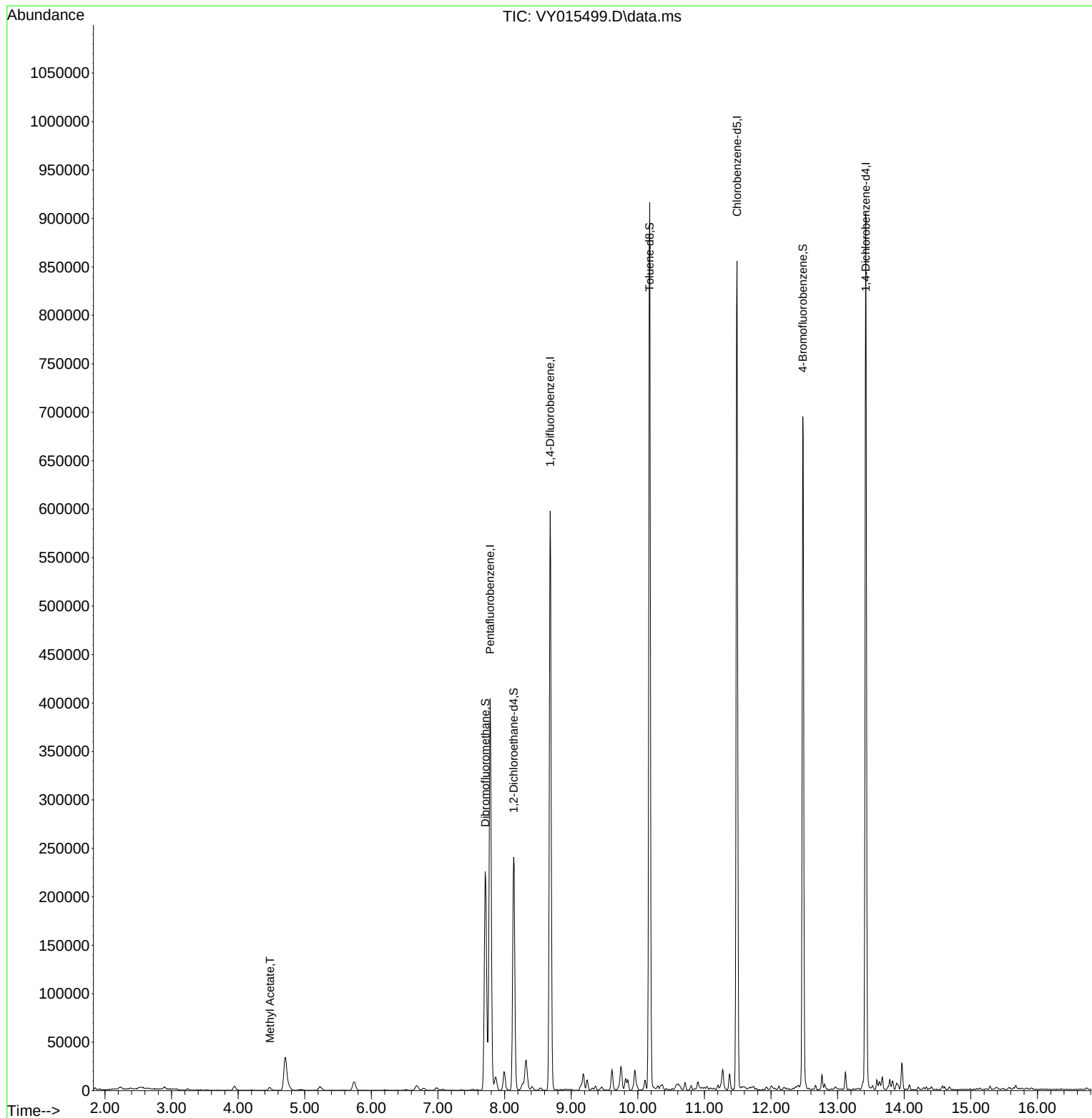
Internal Standards						
1) Pentafluorobenzene	7.783	168	309752	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	509203	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	465499	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	223509	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	193804	58.366	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 116.740%	
35) Dibromofluoromethane	7.710	113	158840	54.158	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.320%	
50) Toluene-d8	10.179	98	596601	56.171	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.340%	
62) 4-Bromofluorobenzene	12.477	95	207703	52.677	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 105.360%	
Target Compounds						
18) Methyl Acetate	4.478	43	5394	1.075	ug/l	Qvalue # 90

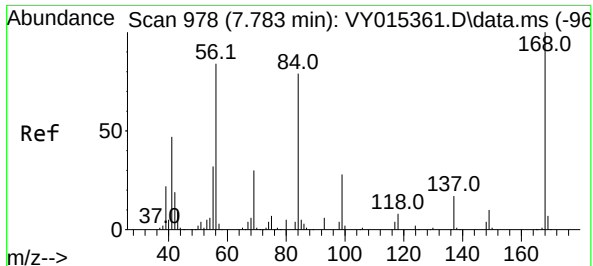
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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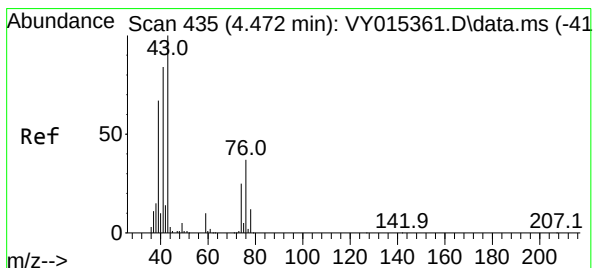
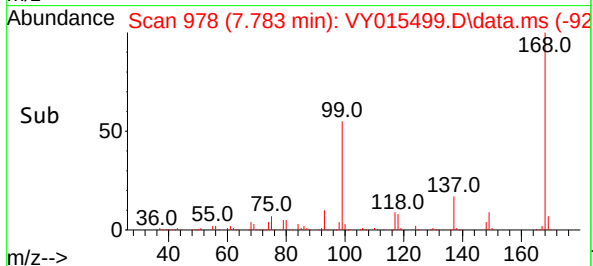
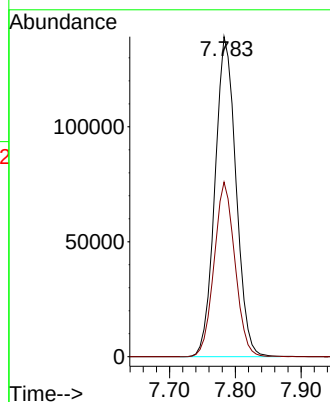
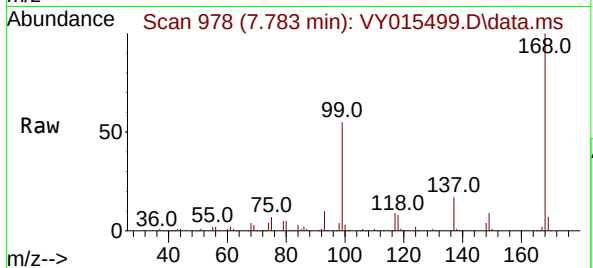




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015499.D
Acq: 11 Sep 2023 20:02

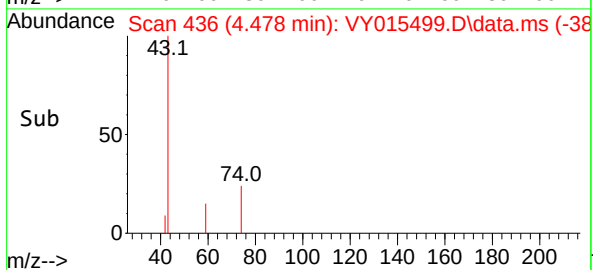
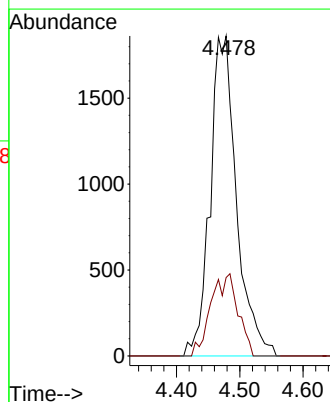
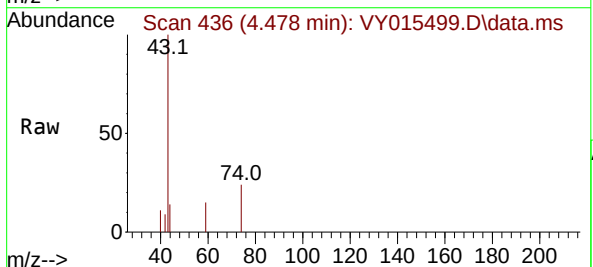
Instrument :
MSVOA_Y
ClientSampleId :
DB-1-(27-29)

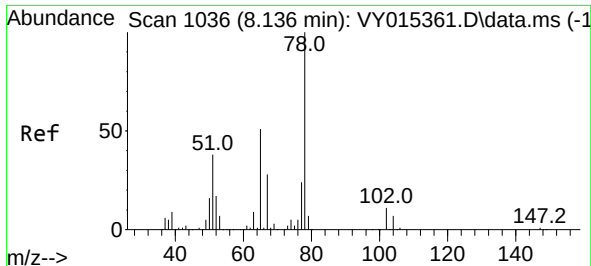
Tgt Ion:168 Resp: 309752
Ion Ratio Lower Upper
168 100
99 54.6 43.4 65.0



#18
Methyl Acetate
Concen: 1.075 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY015499.D
Acq: 11 Sep 2023 20:02

Tgt Ion: 43 Resp: 5394
Ion Ratio Lower Upper
43 100
74 26.5 17.4 26.0#





#33

1,2-Dichloroethane-d4

Concen: 58.366 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY015499.D

Acq: 11 Sep 2023 20:02

Instrument :

MSVOA_Y

ClientSampleId :

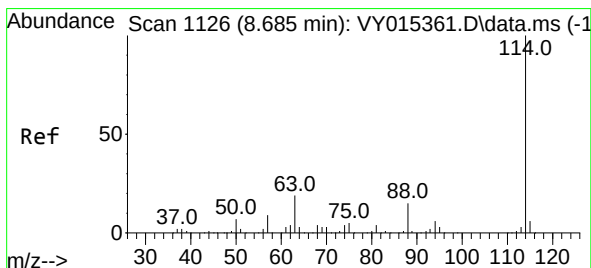
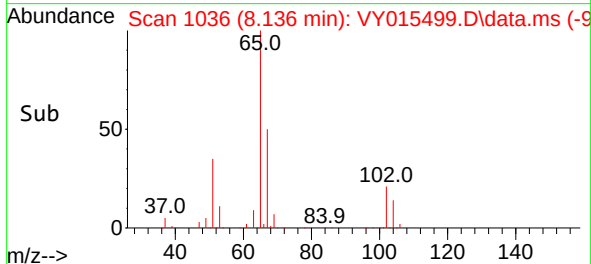
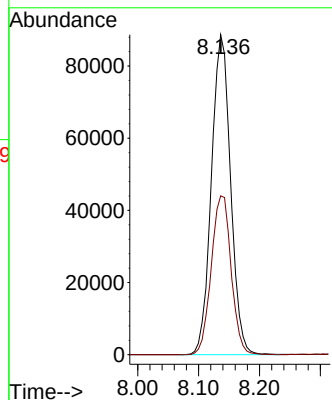
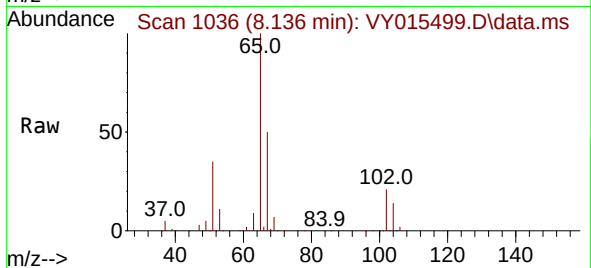
DB-1-(27-29)

Tgt Ion: 65 Resp: 193804

Ion Ratio Lower Upper

65 100

67 51.5 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: VY015499.D

Acq: 11 Sep 2023 20:02

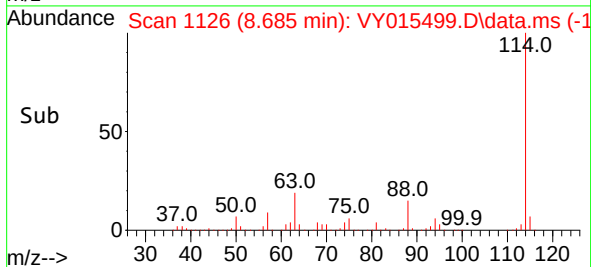
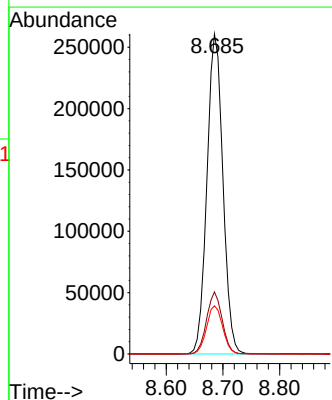
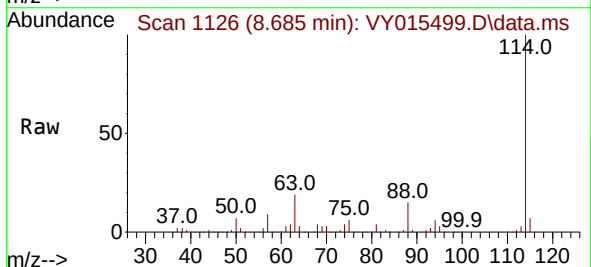
Tgt Ion: 114 Resp: 509203

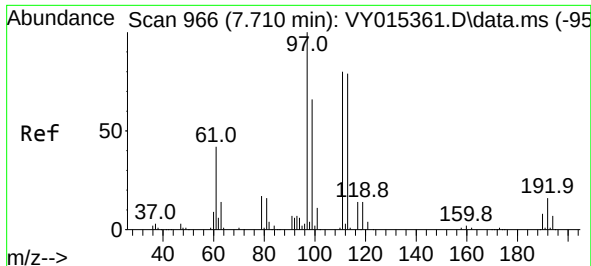
Ion Ratio Lower Upper

114 100

63 19.4 0.0 42.4

88 15.0 0.0 30.6

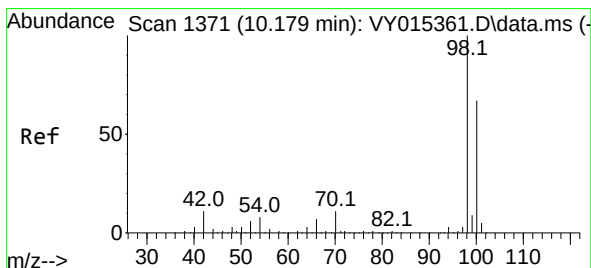
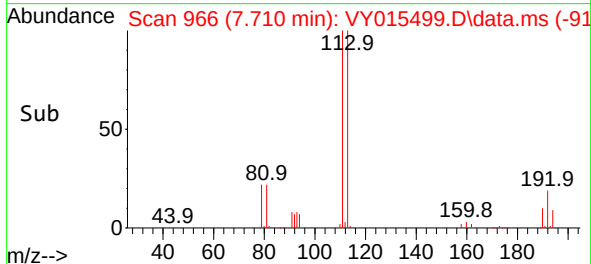
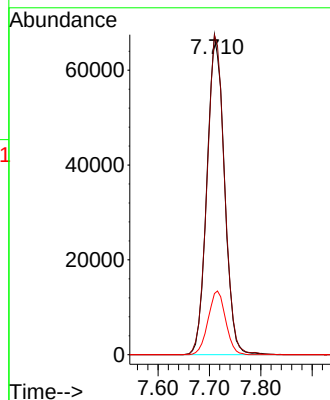
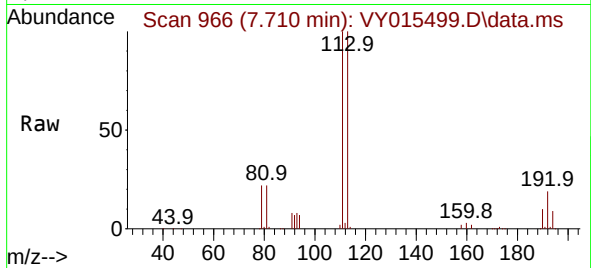




#35
Dibromofluoromethane
Concen: 54.158 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY015499.D
Acq: 11 Sep 2023 20:02

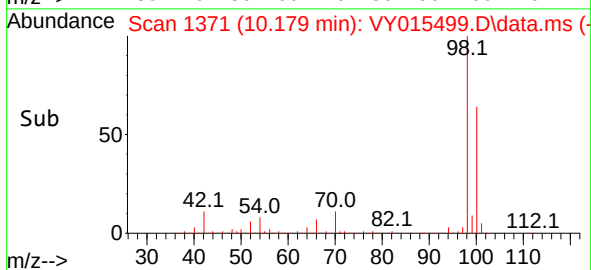
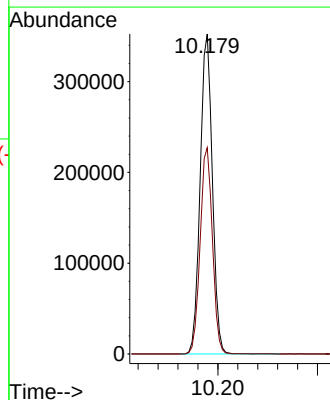
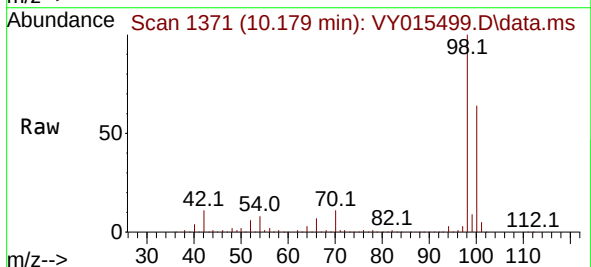
Instrument :
MSVOA_Y
ClientSampleId :
DB-1-(27-29)

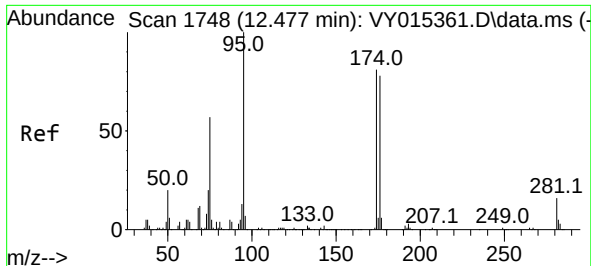
Tgt Ion:113 Resp: 158840
Ion Ratio Lower Upper
113 100
111 100.8 81.3 121.9
192 20.0 16.9 25.3



#50
Toluene-d8
Concen: 56.171 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015499.D
Acq: 11 Sep 2023 20:02

Tgt Ion: 98 Resp: 596601
Ion Ratio Lower Upper
98 100
100 64.9 50.1 75.1

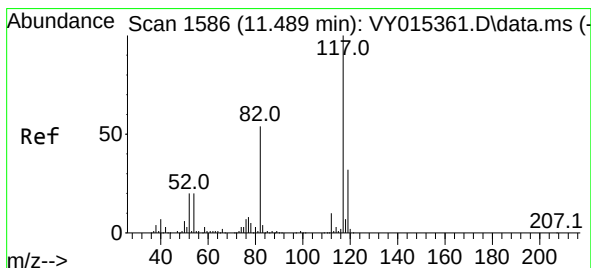
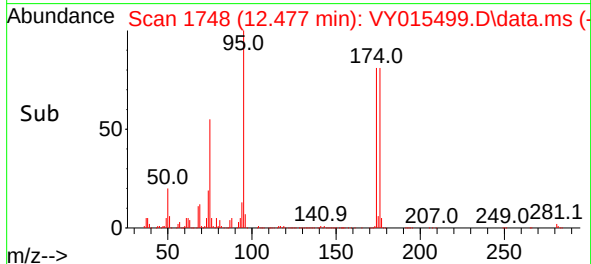
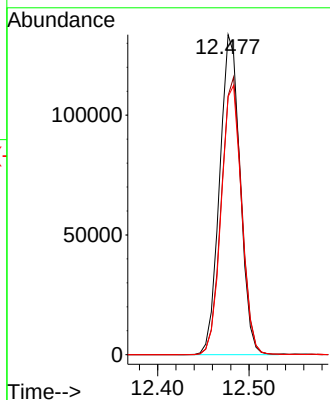
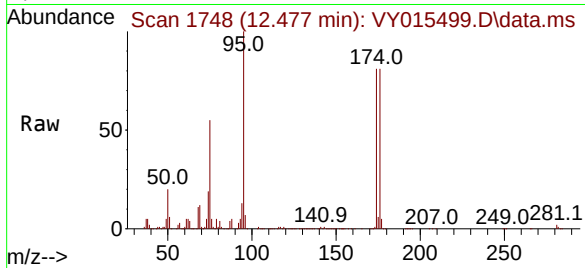




#62
4-Bromofluorobenzene
Concen: 52.677 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015499.D
Acq: 11 Sep 2023 20:02

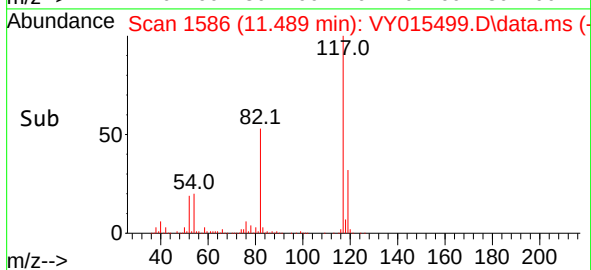
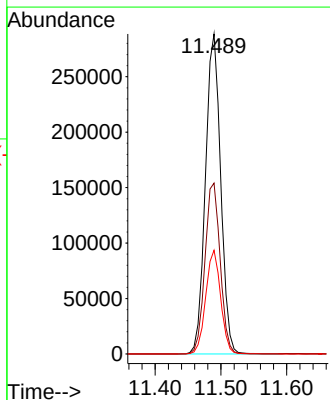
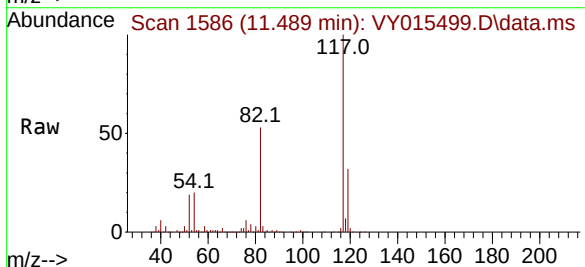
Instrument :
MSVOA_Y
ClientSampleId :
DB-1-(27-29)

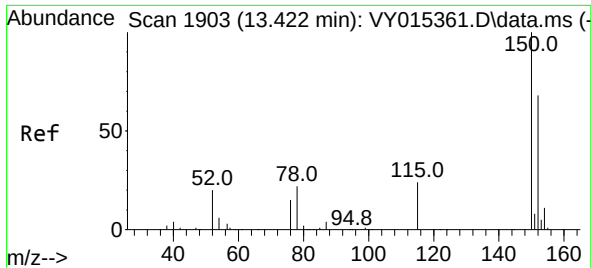
Tgt Ion: 95 Resp: 207703
Ion Ratio Lower Upper
95 100
174 86.5 0.0 178.2
176 84.2 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY015499.D
Acq: 11 Sep 2023 20:02

Tgt Ion: 117 Resp: 465499
Ion Ratio Lower Upper
117 100
82 53.4 43.4 65.0
119 32.4 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: VY015499.D

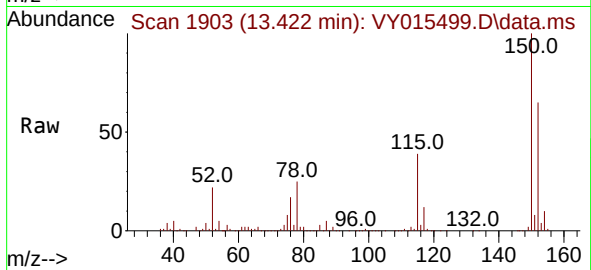
Acq: 11 Sep 2023 20:02

Instrument :

MSVOA_Y

ClientSampleId :

DB-1-(27-29)



Tgt Ion:152 Resp: 223509

Ion Ratio Lower Upper

152 100

115 58.2 28.8 86.5

150 156.5 0.0 348.8

