

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101122\
 Data File : VY010919.D
 Acq On : 11 Oct 2022 15:58
 Operator : KP/MD
 Sample : N5018-03
 Misc : 4.91g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SASP2-T-3-(10-14)

Quant Time: Oct 12 04:46:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 2022
 Response via : Initial Calibration

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

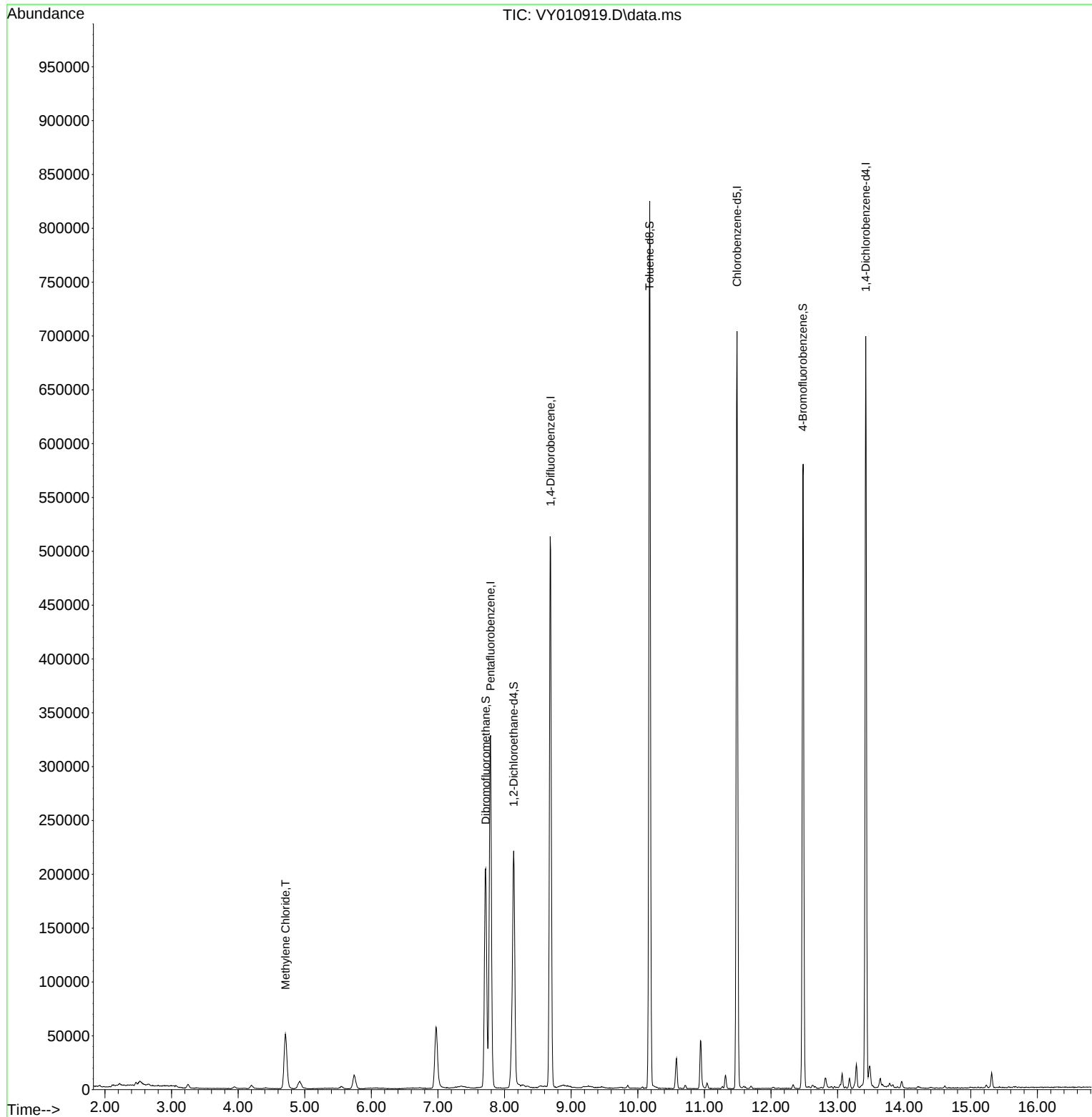
Internal Standards						
1) Pentafluorobenzene	7.789	168	257056	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	444852	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	389938	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	177839	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	154988	59.483	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.960%	
35) Dibromofluoromethane	7.716	113	147670	50.007	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.020%	
50) Toluene-d8	10.179	98	537215	53.196	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.400%	
62) 4-Bromofluorobenzene	12.477	95	177553	44.605	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 89.220%	
Target Compounds						
20) Methylene Chloride	4.710	84	39154	9.247	ug/l	Qvalue # 87

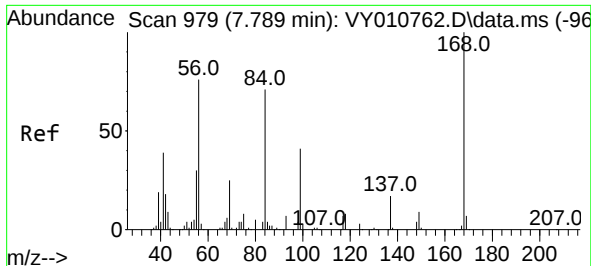
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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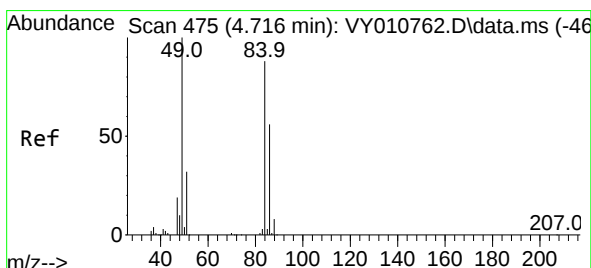
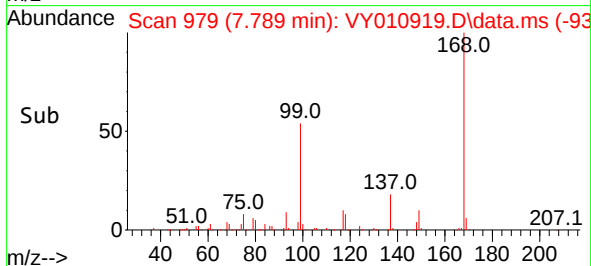
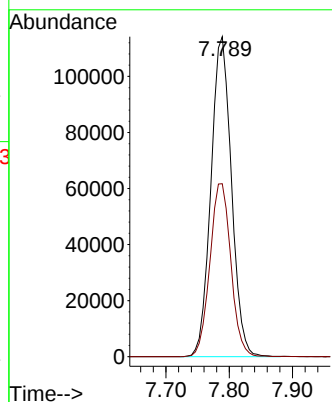
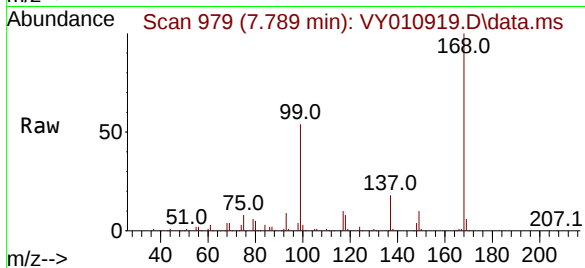




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY010919.D
Acq: 11 Oct 2022 15:58

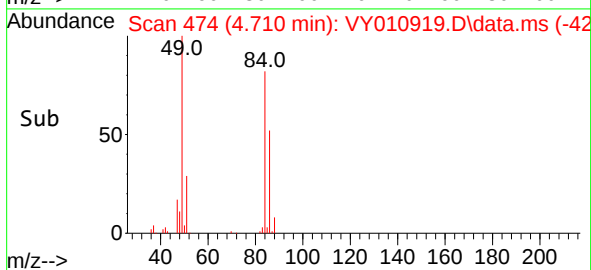
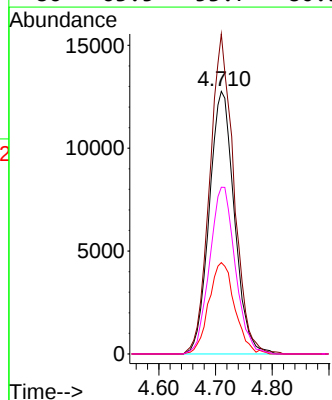
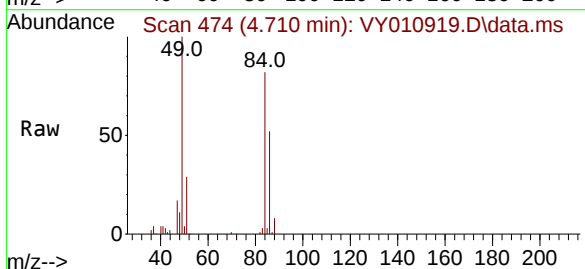
Instrument :
MSVOA_Y
ClientSampleId :
SASP2-T-3-(10-14)

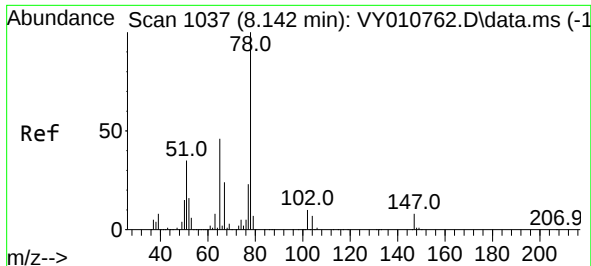
Tgt Ion:168 Resp: 257056
Ion Ratio Lower Upper
168 100
99 54.0 46.9 70.3



#20
Methylene Chloride
Concen: 9.247 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY010919.D
Acq: 11 Oct 2022 15:58

Tgt Ion: 84 Resp: 39154
Ion Ratio Lower Upper
84 100
49 121.8 114.4 171.6
51 34.8 35.3 52.9#
86 63.5 53.7 80.5



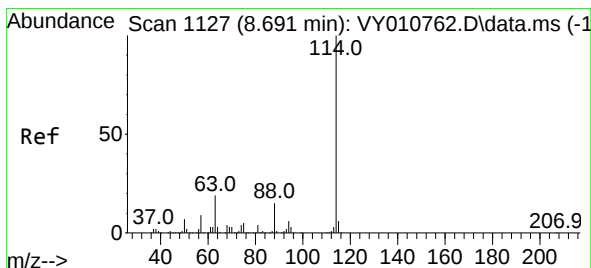
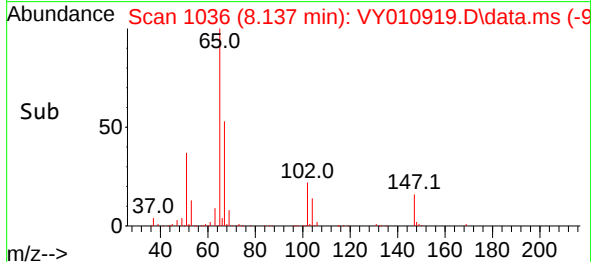
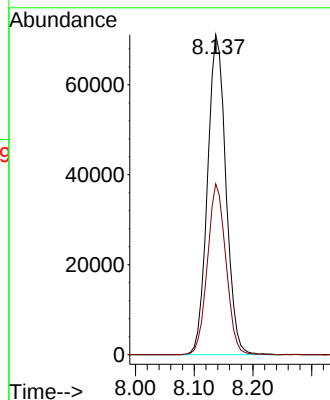
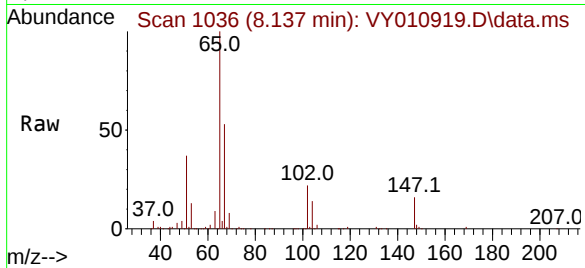


#33
 1,2-Dichloroethane-d4
 Concen: 59.483 ug/l
 RT: 8.137 min Scan# 1036
 Delta R.T. -0.005 min
 Lab File: VY010919.D
 Acq: 11 Oct 2022 15:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 SASP2-T-3-(10-14)

Tgt Ion: 65 Resp: 154988

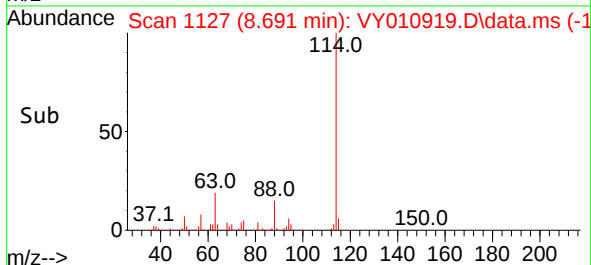
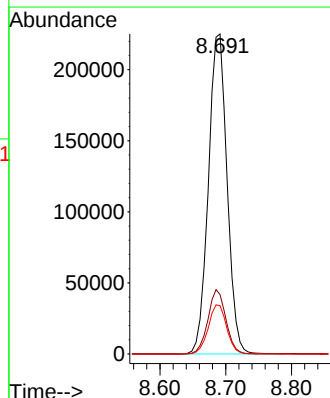
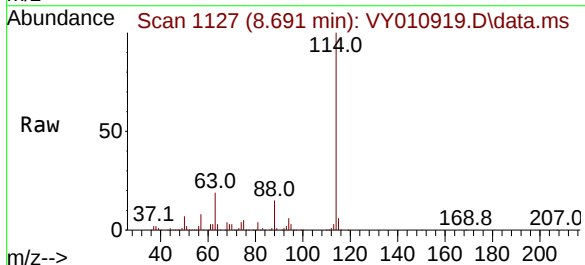
Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	99.4

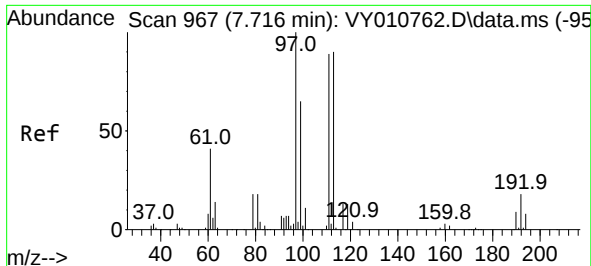


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY010919.D
 Acq: 11 Oct 2022 15:58

Tgt Ion: 114 Resp: 444852

Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	43.2
88	15.1	0.0	31.8

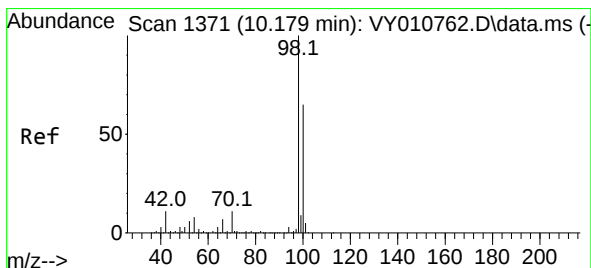
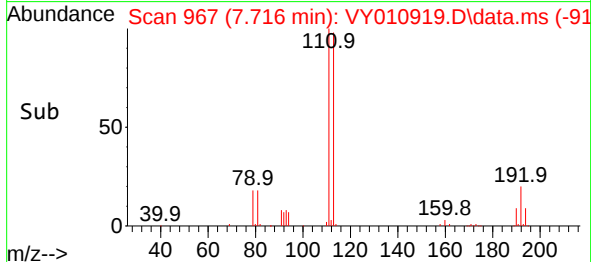
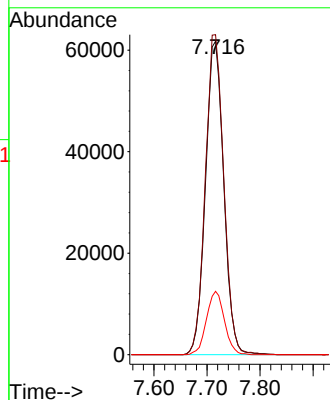
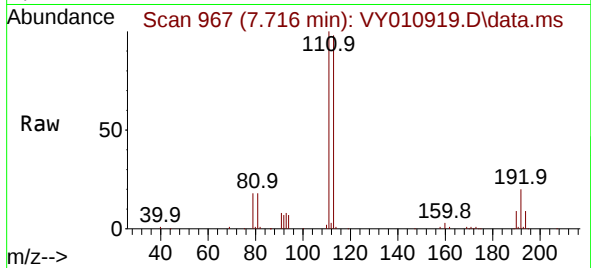




#35
Dibromofluoromethane
Concen: 50.007 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY010919.D
Acq: 11 Oct 2022 15:58

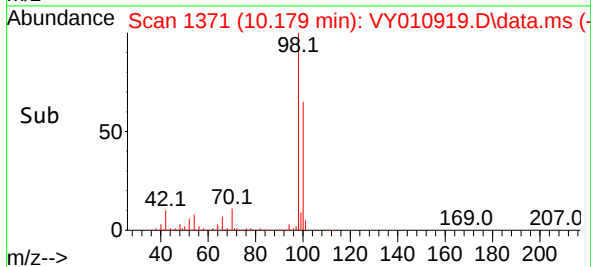
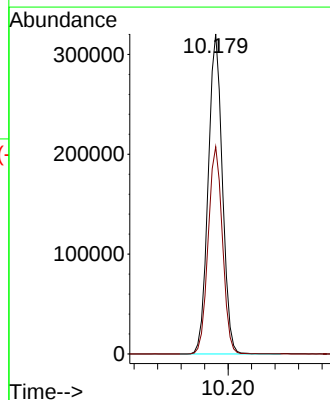
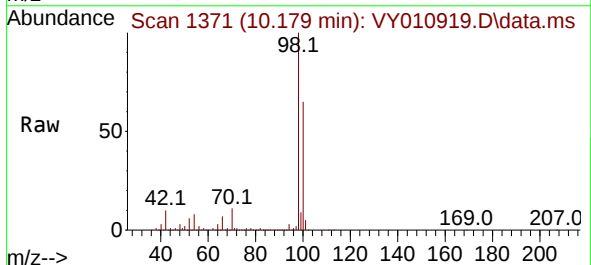
Instrument :
MSVOA_Y
ClientSampleId :
SASP2-T-3-(10-14)

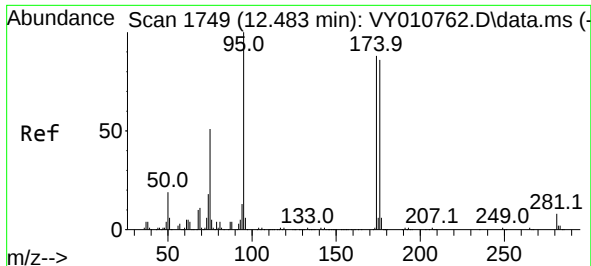
Tgt Ion:113 Resp: 147670
Ion Ratio Lower Upper
113 100
111 103.0 82.6 124.0
192 19.9 17.6 26.4



#50
Toluene-d8
Concen: 53.196 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010919.D
Acq: 11 Oct 2022 15:58

Tgt Ion: 98 Resp: 537215
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2

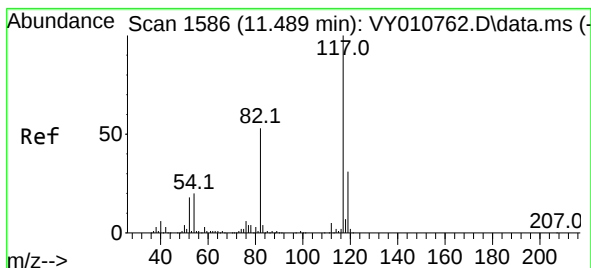
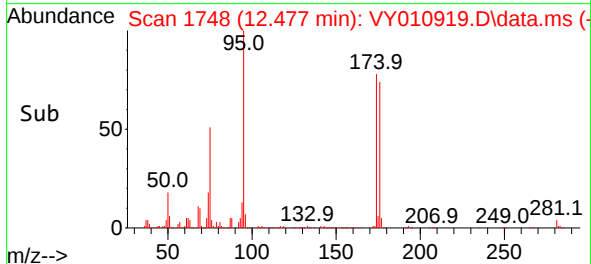
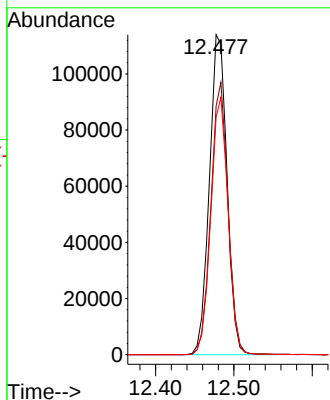
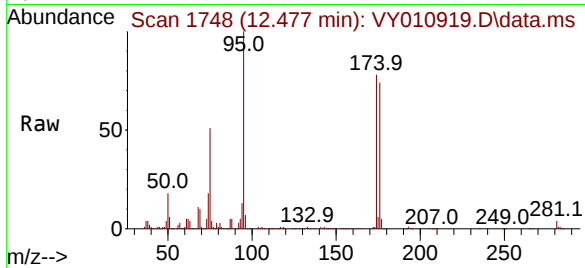




#62
4-Bromofluorobenzene
Concen: 44.605 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010919.D
Acq: 11 Oct 2022 15:58

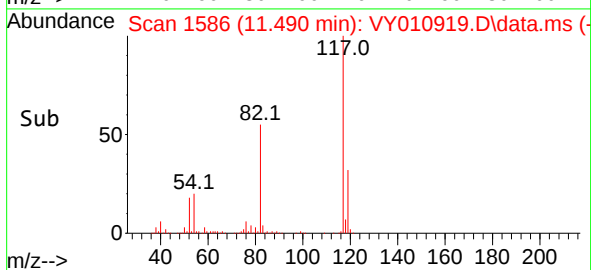
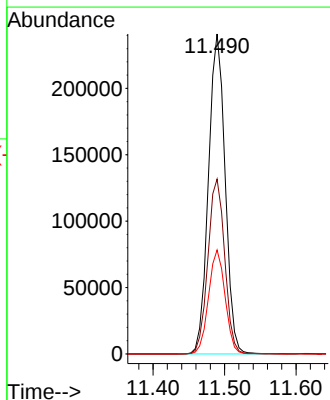
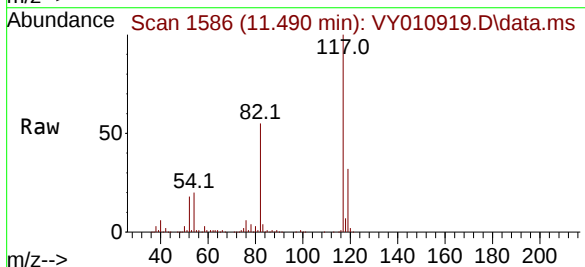
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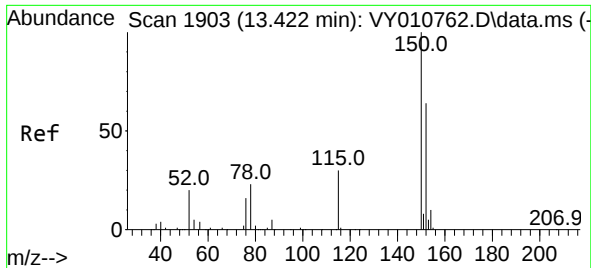
Tgt Ion: 95 Resp: 177553
Ion Ratio Lower Upper
95 100
174 83.2 0.0 177.0
176 79.2 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY010919.D
Acq: 11 Oct 2022 15:58

Tgt Ion: 117 Resp: 389938
Ion Ratio Lower Upper
117 100
82 54.7 43.0 64.4
119 32.5 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY010919.D

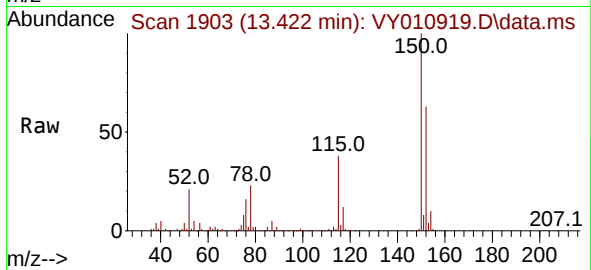
Acq: 11 Oct 2022 15:58

Instrument :

MSVOA_Y

ClientSampleId :

SASP2-T-3-(10-14)



Tgt Ion:152 Resp: 177839

Ion Ratio Lower Upper

152 100

115 58.7 28.2 84.7

150 156.9 0.0 347.6

