

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121923\
 Data File : VY016718.D
 Acq On : 20 Dec 2023 01:07
 Operator : SY/MD
 Sample : 05827-09
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RT-SB-09-10.5-11.5

Quant Time: Dec 20 06:43:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 20 05:26:40 2023
 Response via : Initial Calibration

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

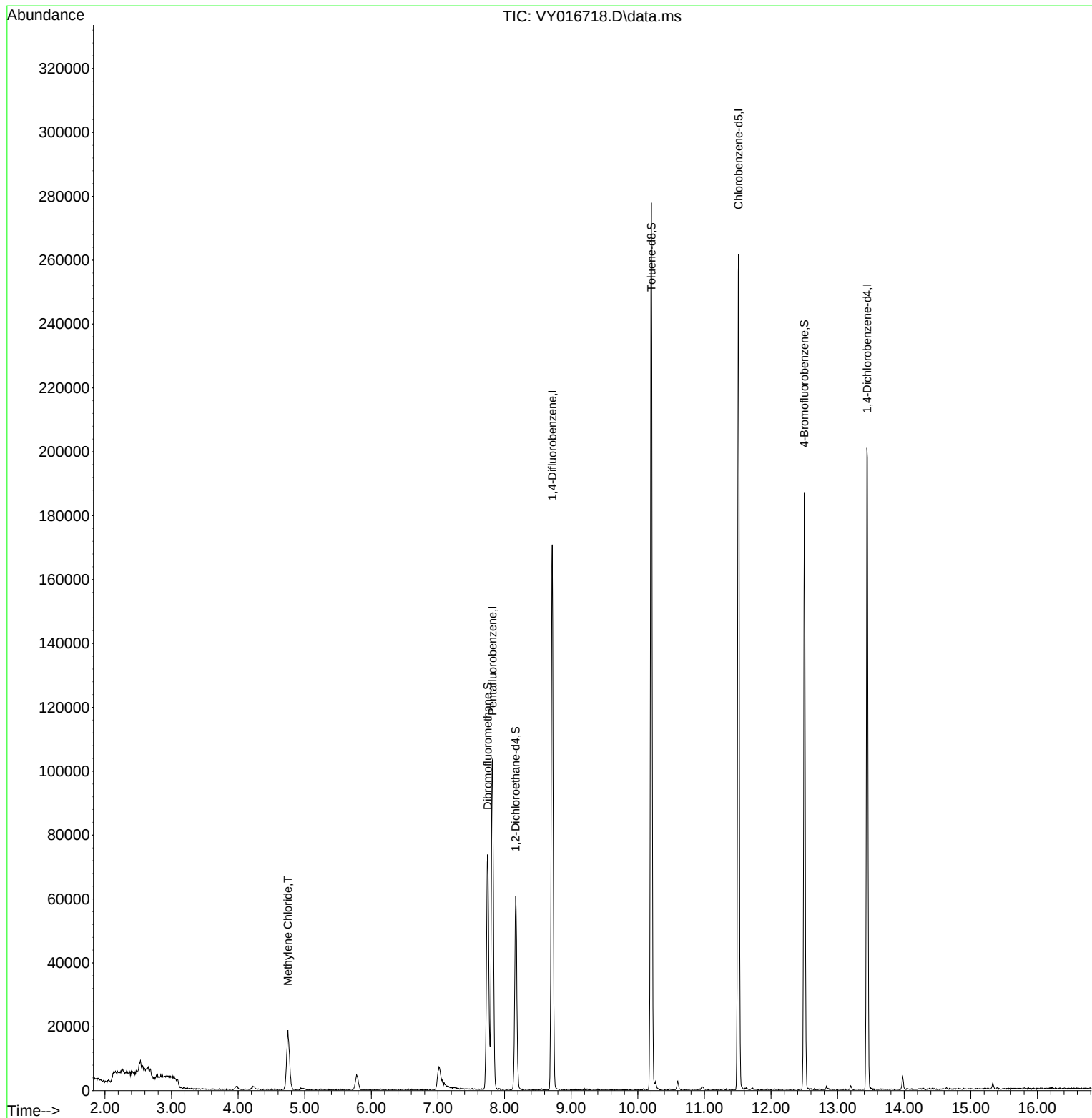
Internal Standards						
1) Pentafluorobenzene	7.820	168	86068	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.716	114	150460	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.514	117	145392	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.447	152	54814	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	47624	66.897	ug/l	0.02
Spiked Amount	50.000	Range 50 - 163	Recovery	=	133.800%	
35) Dibromofluoromethane	7.746	113	52800	59.583	ug/l	0.02
Spiked Amount	50.000	Range 54 - 147	Recovery	=	119.160%	
50) Toluene-d8	10.203	98	182224	56.780	ug/l	0.02
Spiked Amount	50.000	Range 58 - 134	Recovery	=	113.560%	
62) 4-Bromofluorobenzene	12.502	95	46923	51.422	ug/l	0.01
Spiked Amount	50.000	Range 30 - 143	Recovery	=	102.840%	
Target Compounds						Qvalue
20) Methylene Chloride	4.747	84	14049	14.437	ug/l	93

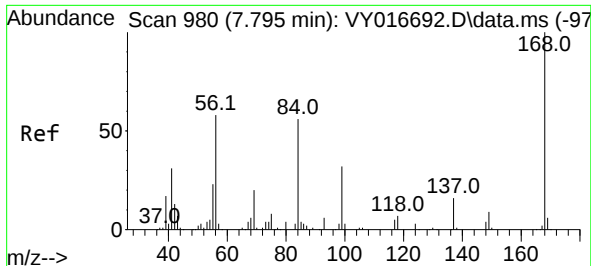
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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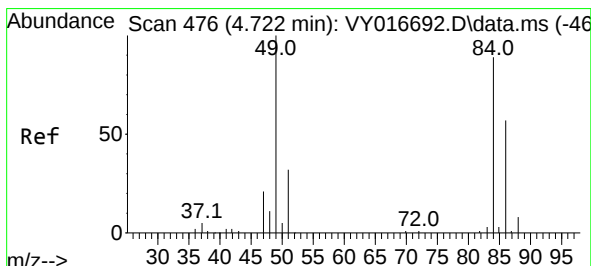
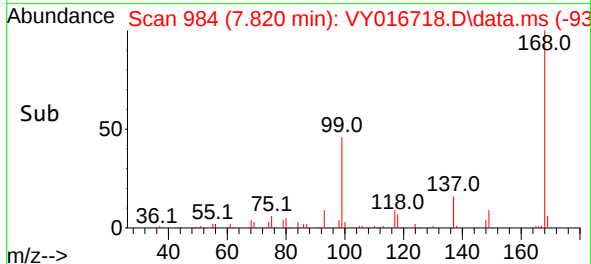
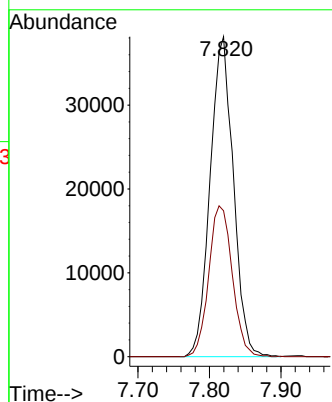
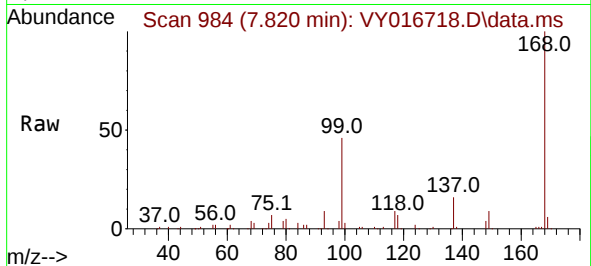




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.820 min Scan# 91
Delta R.T. 0.025 min
Lab File: VY016718.D
Acq: 20 Dec 2023 01:07

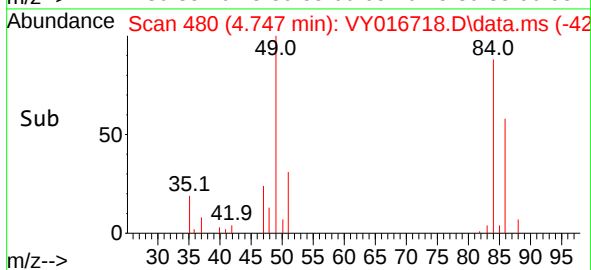
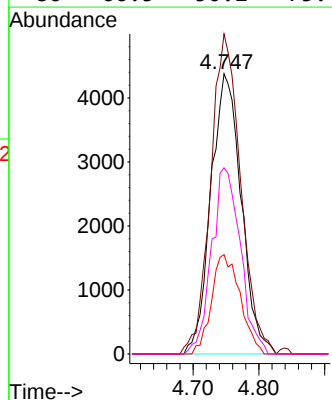
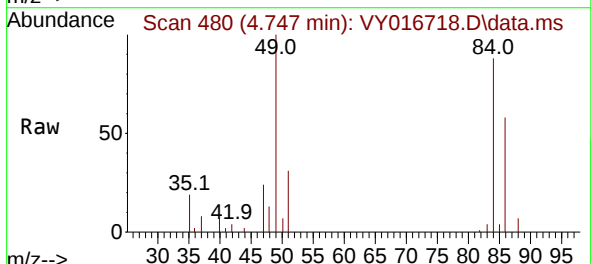
Instrument :
MSVOA_Y
ClientSampleId :
RT-SB-09-10.5-11.5

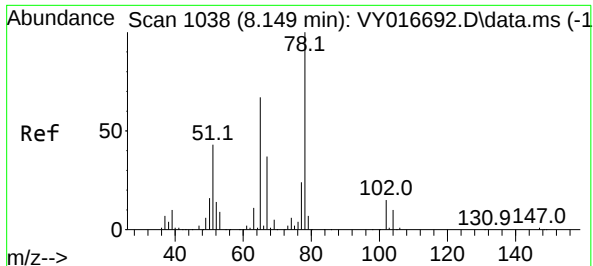
Tgt Ion:168 Resp: 86068
Ion Ratio Lower Upper
168 100
99 45.6 40.2 60.4



#20
Methylene Chloride
Concen: 14.437 ug/l
RT: 4.747 min Scan# 480
Delta R.T. 0.025 min
Lab File: VY016718.D
Acq: 20 Dec 2023 01:07

Tgt Ion: 84 Resp: 14049
Ion Ratio Lower Upper
84 100
49 114.2 83.8 125.8
51 35.4 27.2 40.8
86 66.5 50.2 75.4





#33

1,2-Dichloroethane-d4

Concen: 66.897 ug/l

RT: 8.167 min Scan# 110

Delta R.T. 0.018 min

Lab File: VY016718.D

Acq: 20 Dec 2023 01:07

Instrument :

MSVOA_Y

ClientSampleId :

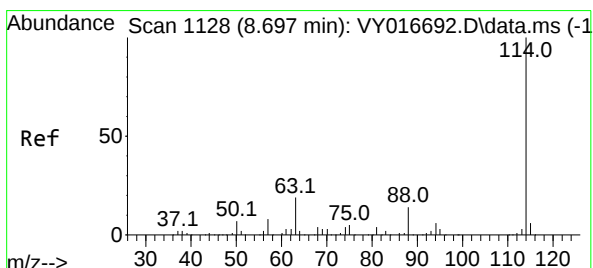
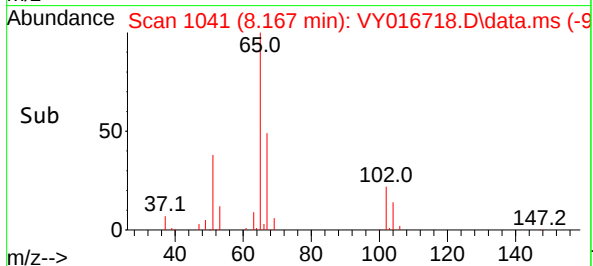
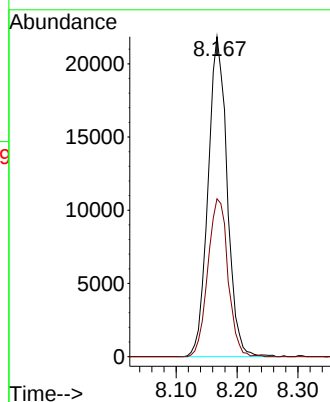
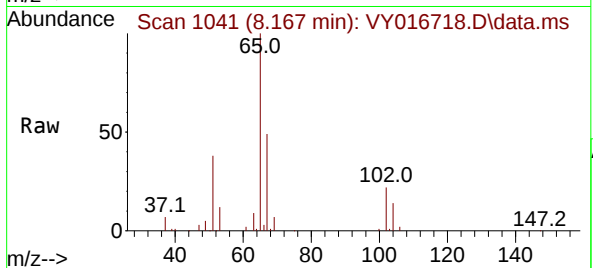
RT-SB-09-10.5-11.5

Tgt Ion: 65 Resp: 47624

Ion Ratio Lower Upper

65 100

67 52.0 0.0 108.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.716 min Scan# 1131

Delta R.T. 0.018 min

Lab File: VY016718.D

Acq: 20 Dec 2023 01:07

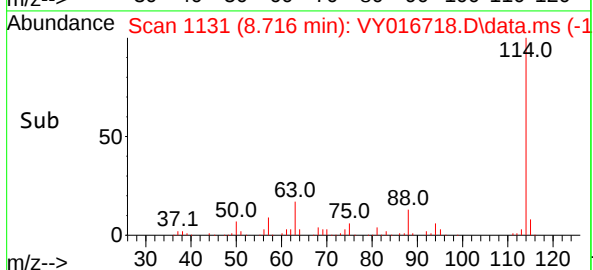
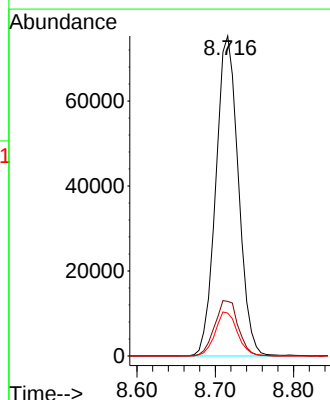
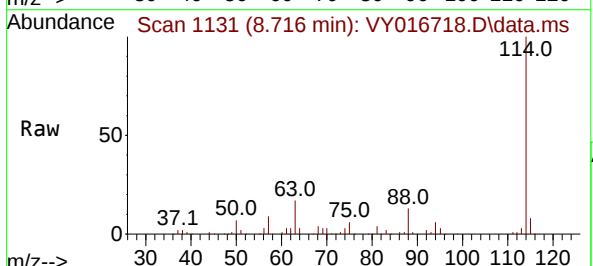
Tgt Ion: 114 Resp: 150460

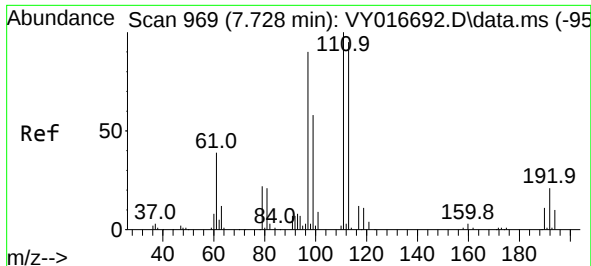
Ion Ratio Lower Upper

114 100

63 17.1 0.0 34.0

88 13.4 0.0 29.2

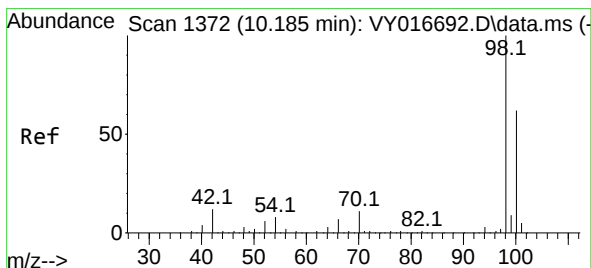
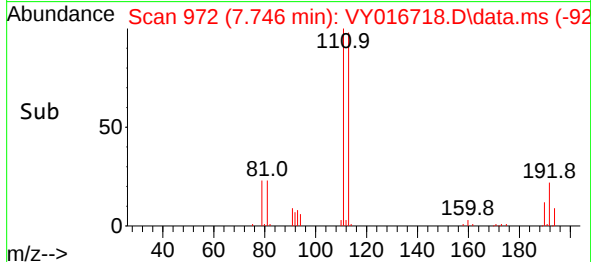
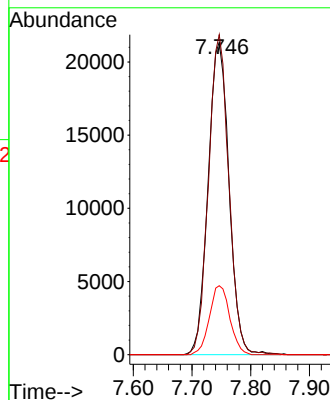
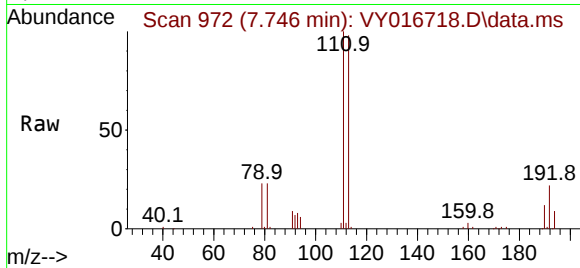




#35
 Dibromofluoromethane
 Concen: 59.583 ug/l
 RT: 7.746 min Scan# 91
 Delta R.T. 0.018 min
 Lab File: VY016718.D
 Acq: 20 Dec 2023 01:07

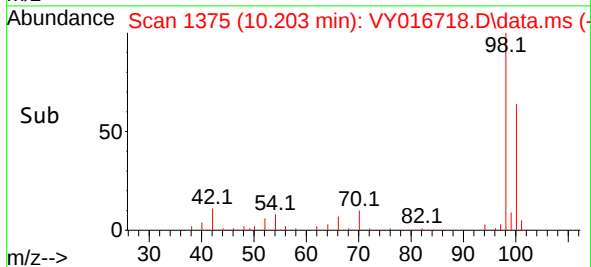
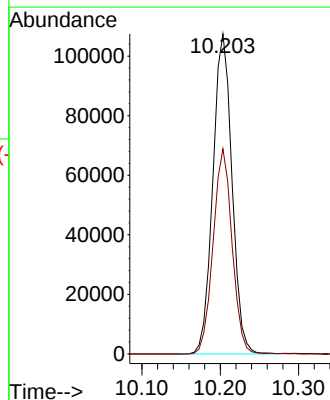
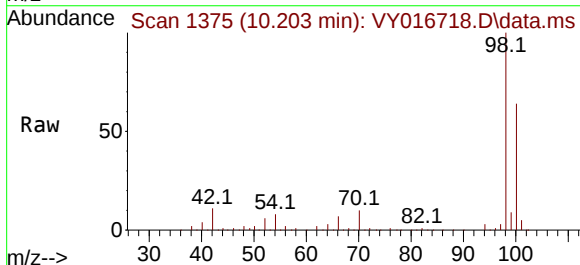
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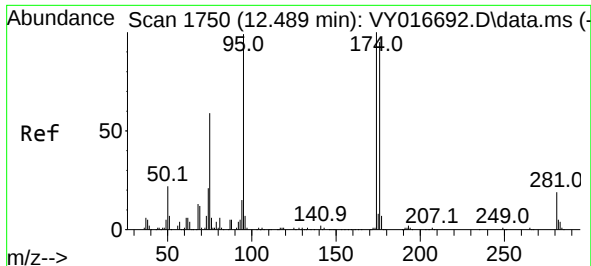
Tgt Ion:	113	Resp:	52800
Ion	Ratio	Lower	Upper
113	100		
111	99.5	81.9	122.9
192	21.5	16.2	24.4



#50
 Toluene-d8
 Concen: 56.780 ug/l
 RT: 10.203 min Scan# 1375
 Delta R.T. 0.018 min
 Lab File: VY016718.D
 Acq: 20 Dec 2023 01:07

Tgt Ion:	98	Resp:	182224
Ion	Ratio	Lower	Upper
98	100		
100	63.5	52.5	78.7

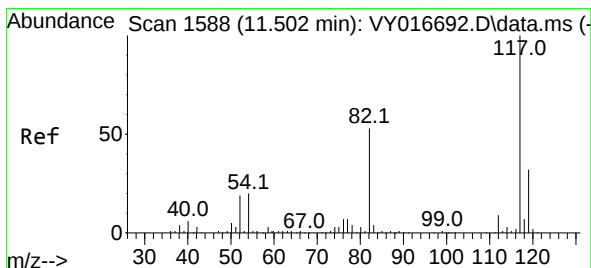
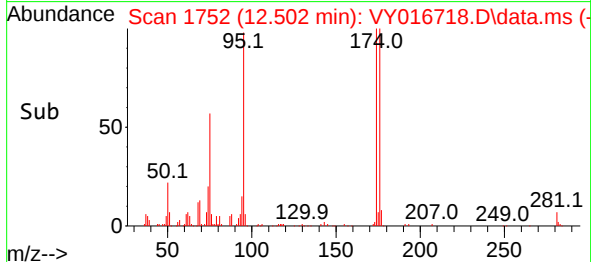
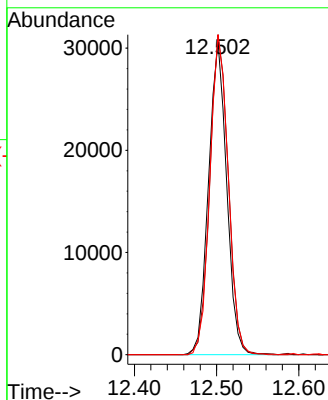
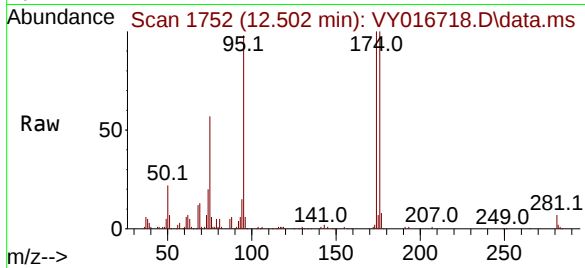




#62
4-Bromofluorobenzene
Concen: 51.422 ug/l
RT: 12.502 min Scan# 1752
Delta R.T. 0.012 min
Lab File: VY016718.D
Acq: 20 Dec 2023 01:07

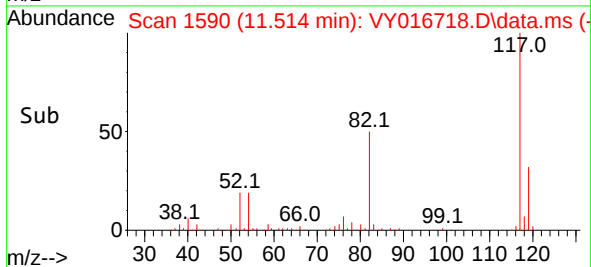
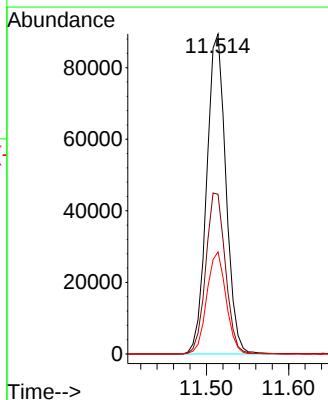
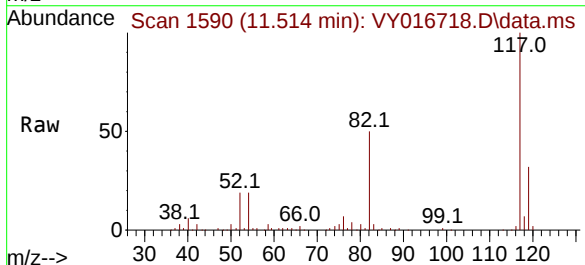
Instrument :
MSVOA_Y
ClientSampleId :
RT-SB-09-10.5-11.5

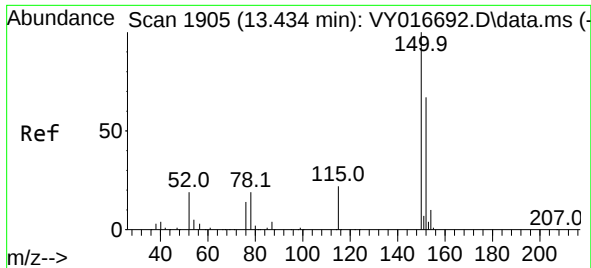
Tgt Ion: 95 Resp: 46923
Ion Ratio Lower Upper
95 100
174 104.4 0.0 181.0
176 103.2 0.0 176.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. 0.012 min
Lab File: VY016718.D
Acq: 20 Dec 2023 01:07

Tgt Ion: 117 Resp: 145392
Ion Ratio Lower Upper
117 100
82 49.9 41.0 61.6
119 31.9 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.012 min

Lab File: VY016718.D

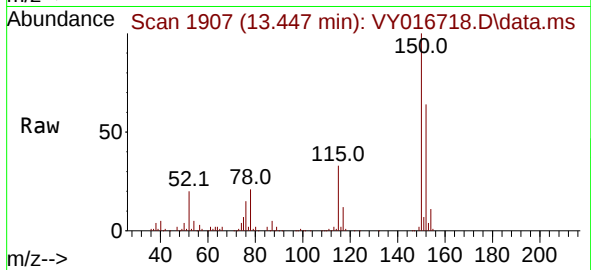
Acq: 20 Dec 2023 01:07

Instrument :

MSVOA_Y

ClientSampleId :

RT-SB-09-10.5-11.5



Tgt Ion:152 Resp: 54814

Ion Ratio Lower Upper

152 100

115 51.6 28.2 84.7

150 156.7 0.0 350.6

