

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121923\
 Data File : VY016719.D
 Acq On : 20 Dec 2023 01:31
 Operator : SY/MD
 Sample : 05827-10
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RT-SB-10-11-12

Quant Time: Dec 20 06:44:17 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)

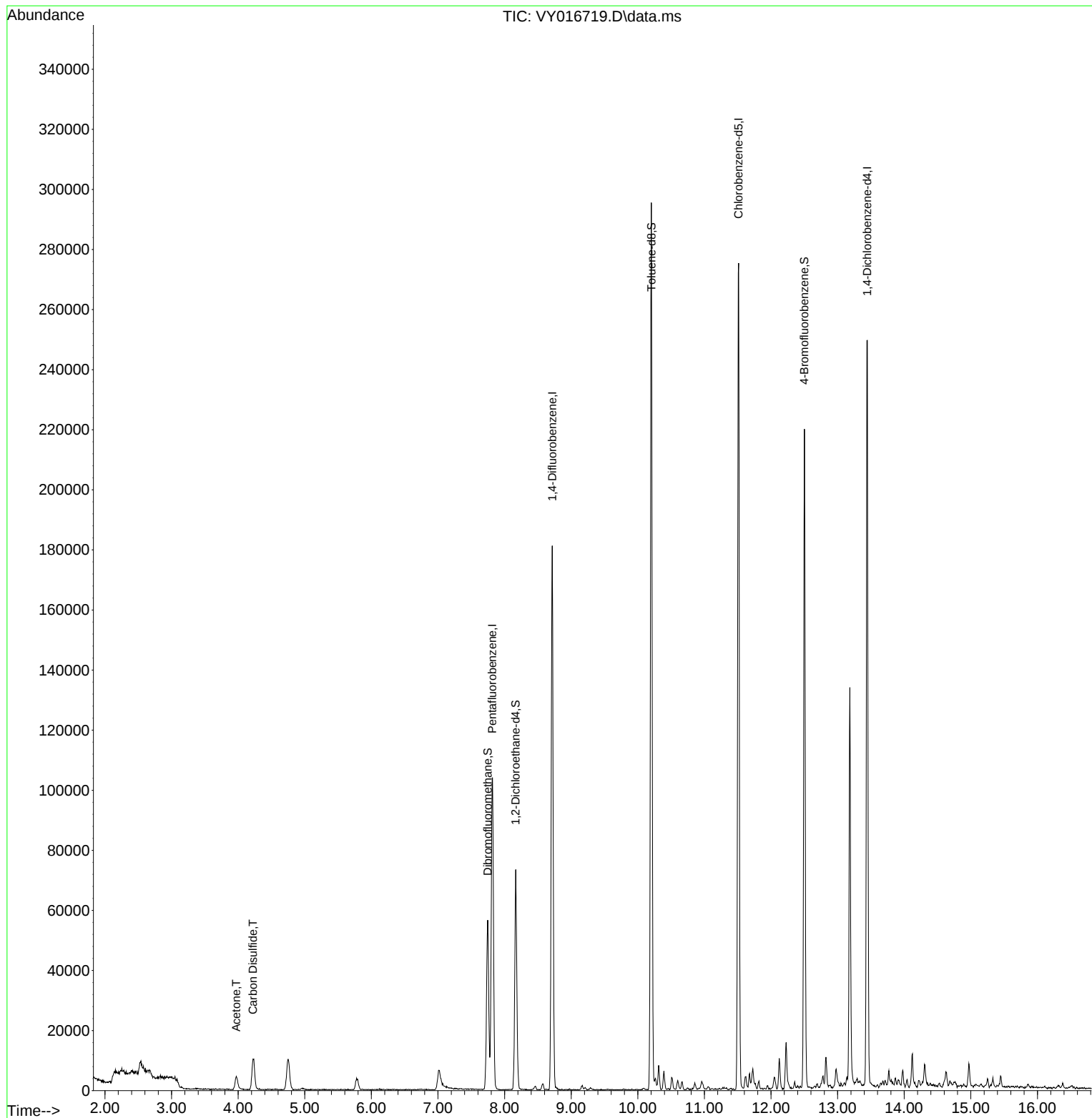
Internal Standards						
1) Pentafluorobenzene	7.813	168	87977	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.716	114	157986	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.514	117	155828	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.447	152	66573	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	54810	75.321	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	= 150.640%	
35) Dibromofluoromethane	7.746	113	38381	41.249	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 82.500%	
50) Toluene-d8	10.203	98	191871	56.938	ug/l	0.02
Spiked Amount	50.000	Range	58 - 134	Recovery	= 113.880%	
62) 4-Bromofluorobenzene	12.502	95	57011	59.501	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	= 119.000%	
Target Compounds						Qvalue
16) Acetone	3.973	43	8274	19.542	ug/l	91
17) Carbon Disulfide	4.223	76	21578	11.002	ug/l #	95

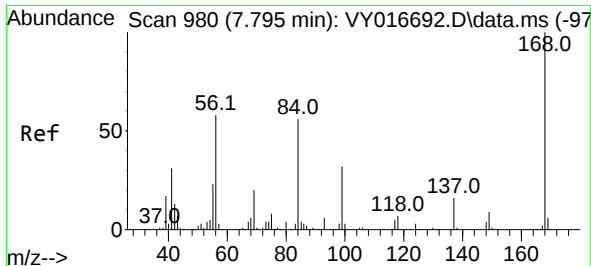
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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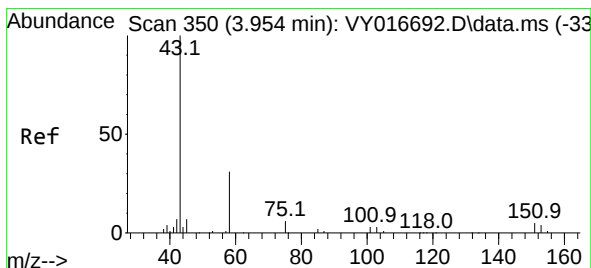
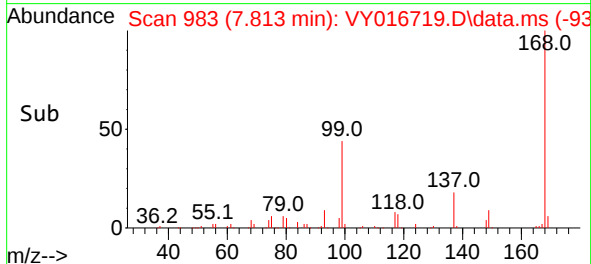
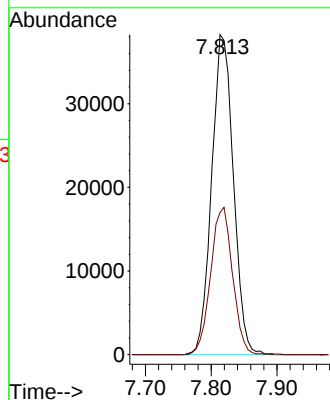
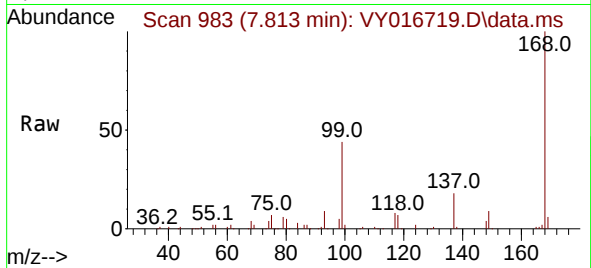




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY016719.D
Acq: 20 Dec 2023 01:31

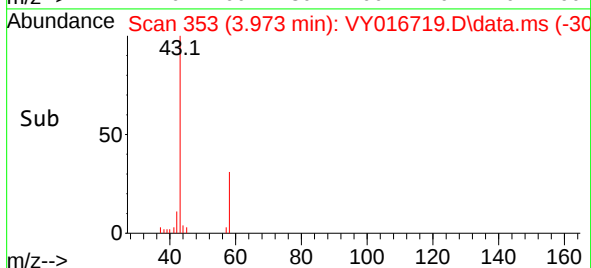
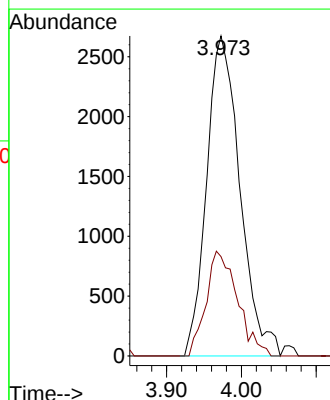
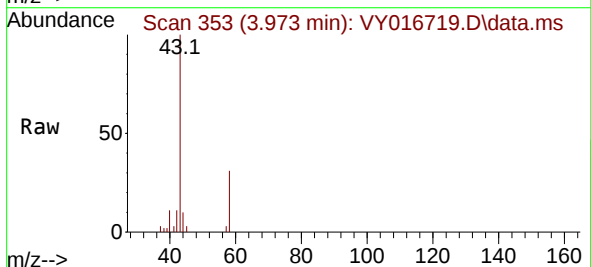
Instrument :
MSVOA_Y
ClientSampleId :
RT-SB-10-11-12

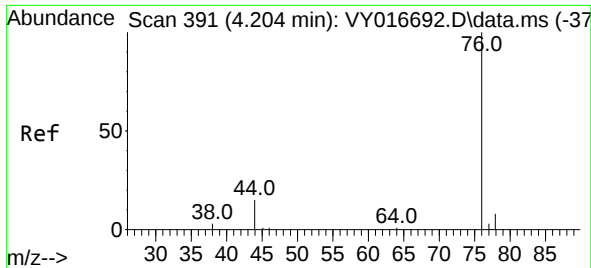
Tgt Ion:168 Resp: 87977
Ion Ratio Lower Upper
168 100
99 44.4 40.2 60.4



#16
Acetone
Concen: 19.542 ug/l
RT: 3.973 min Scan# 353
Delta R.T. 0.019 min
Lab File: VY016719.D
Acq: 20 Dec 2023 01:31

Tgt Ion: 43 Resp: 8274
Ion Ratio Lower Upper
43 100
58 31.1 29.0 43.4

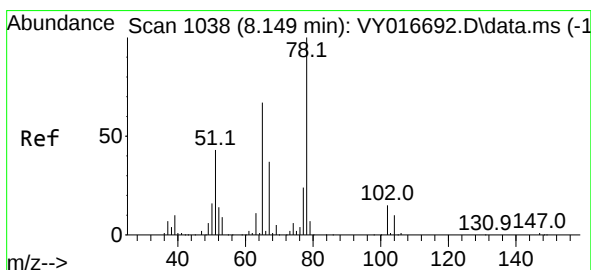
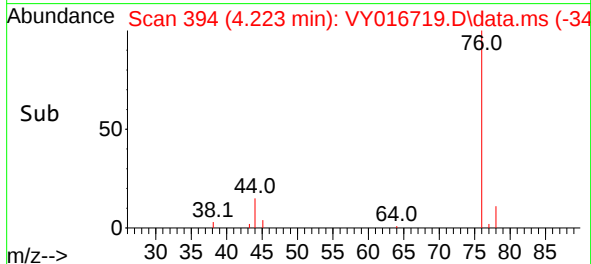
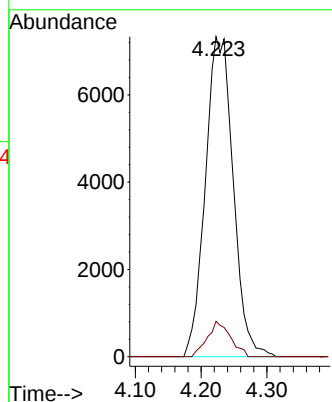
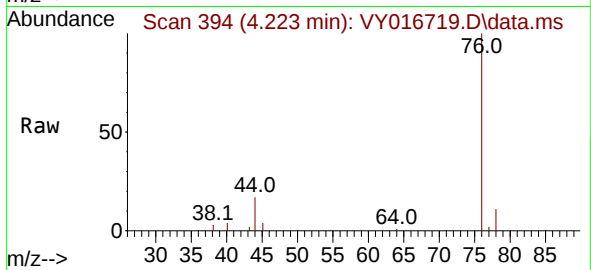




#17
Carbon Disulfide
Concen: 11.002 ug/l
RT: 4.223 min Scan# 391
Delta R.T. 0.018 min
Lab File: VY016719.D
Acq: 20 Dec 2023 01:31

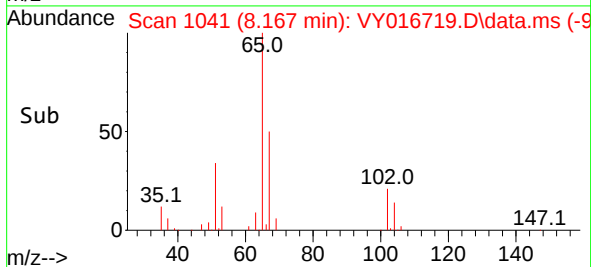
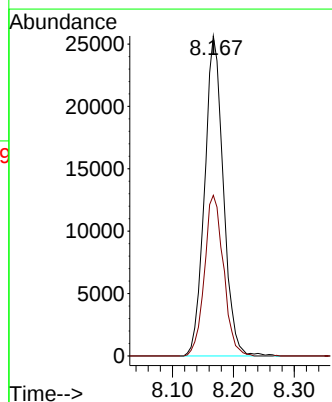
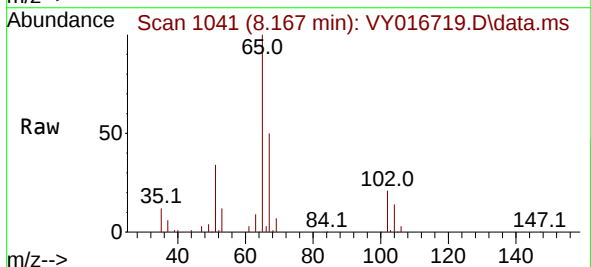
Instrument :
MSVOA_Y
ClientSampleId :
RT-SB-10-11-12

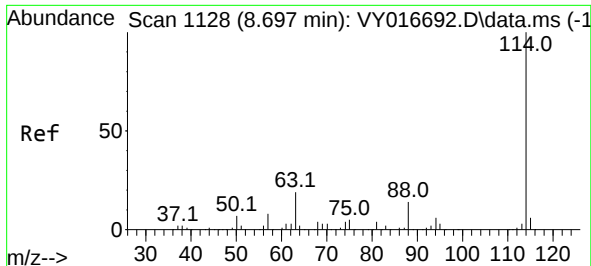
Tgt Ion: 76 Resp: 21578
Ion Ratio Lower Upper
76 100
78 11.0 7.3 10.9#



#33
1,2-Dichloroethane-d4
Concen: 75.321 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.018 min
Lab File: VY016719.D
Acq: 20 Dec 2023 01:31

Tgt Ion: 65 Resp: 54810
Ion Ratio Lower Upper
65 100
67 51.0 0.0 108.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.716 min Scan# 1128

Delta R.T. 0.018 min

Lab File: VY016719.D

Acq: 20 Dec 2023 01:31

Instrument :

MSVOA_Y

ClientSampleId :

RT-SB-10-11-12

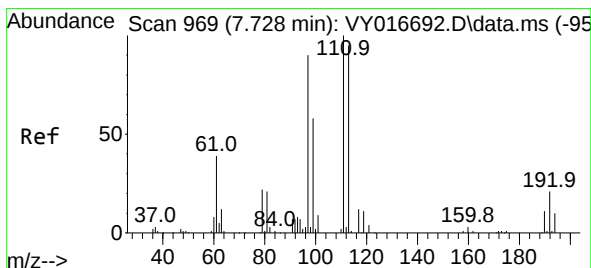
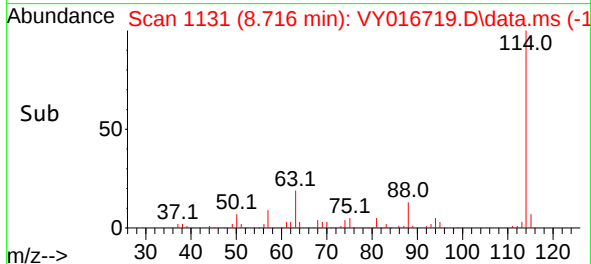
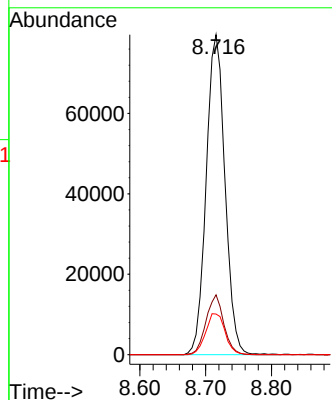
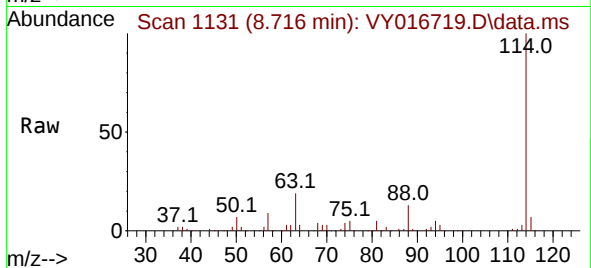
Tgt Ion:114 Resp: 157986

Ion Ratio Lower Upper

114 100

63 18.7 0.0 34.0

88 12.7 0.0 29.2



#35

Dibromofluoromethane

Concen: 41.249 ug/l

RT: 7.746 min Scan# 972

Delta R.T. 0.018 min

Lab File: VY016719.D

Acq: 20 Dec 2023 01:31

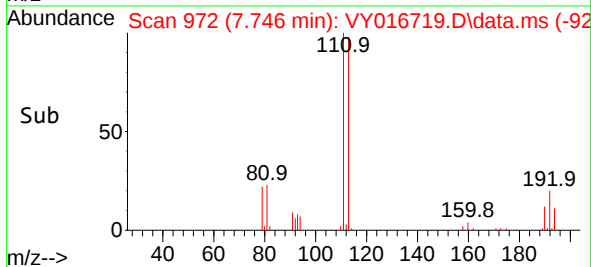
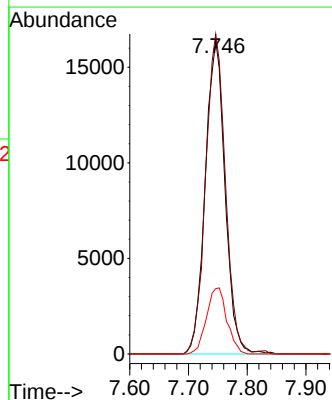
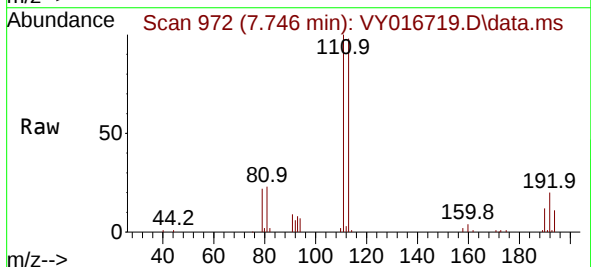
Tgt Ion:113 Resp: 38381

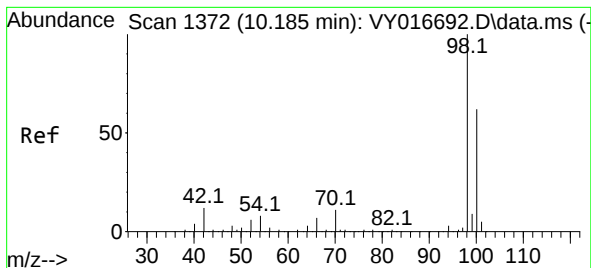
Ion Ratio Lower Upper

113 100

111 102.2 81.9 122.9

192 21.7 16.2 24.4





#50

Toluene-d8

Concen: 56.938 ug/l

RT: 10.203 min Scan# 1

Delta R.T. 0.018 min

Lab File: VY016719.D

Acq: 20 Dec 2023 01:31

Instrument :

MSVOA_Y

ClientSampleId :

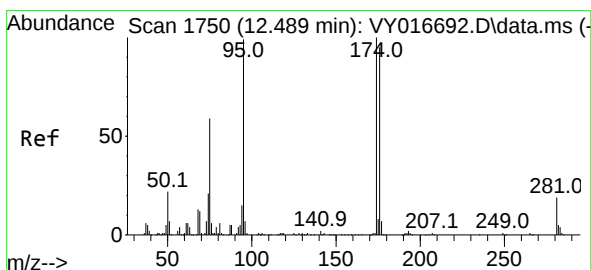
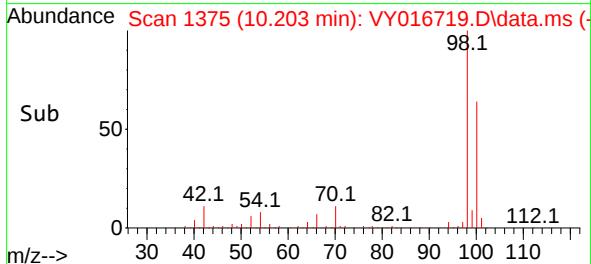
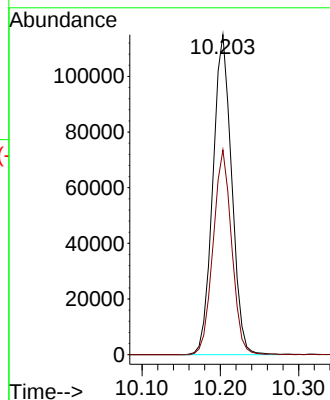
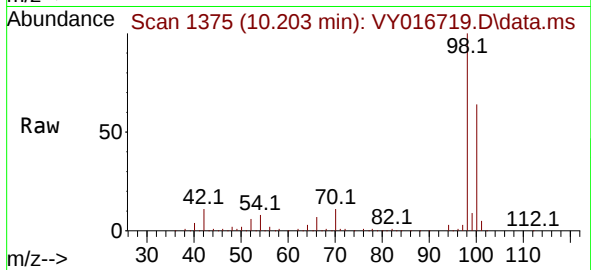
RT-SB-10-11-12

Tgt Ion: 98 Resp: 191871

Ion Ratio Lower Upper

98 100

100 63.0 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 59.501 ug/l

RT: 12.502 min Scan# 1752

Delta R.T. 0.012 min

Lab File: VY016719.D

Acq: 20 Dec 2023 01:31

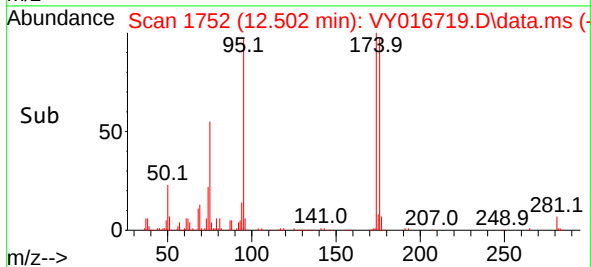
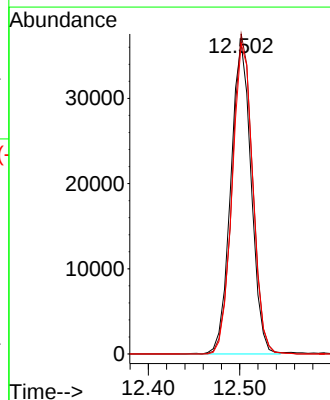
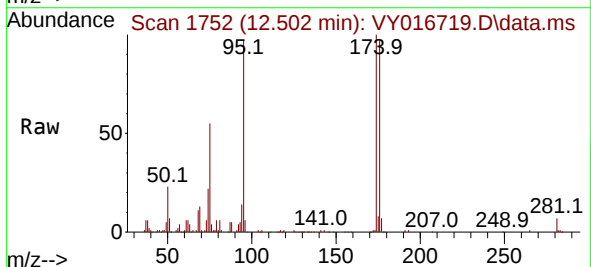
Tgt Ion: 95 Resp: 57011

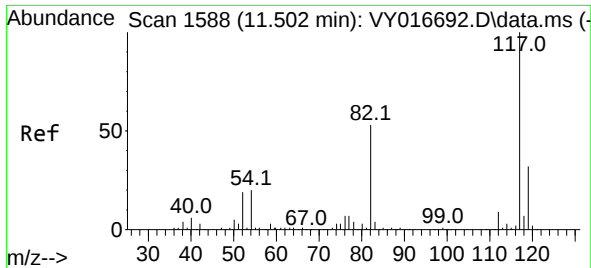
Ion Ratio Lower Upper

95 100

174 102.2 0.0 181.0

176 99.5 0.0 176.6

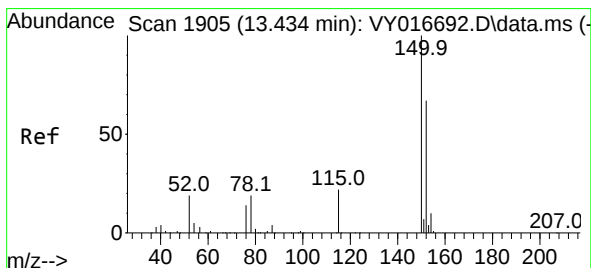
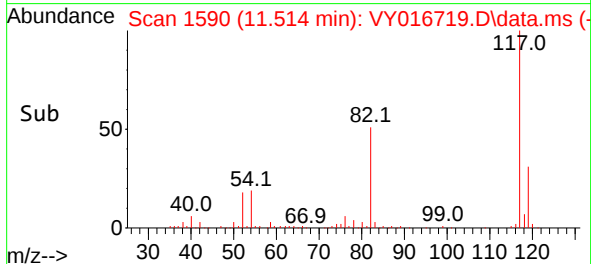
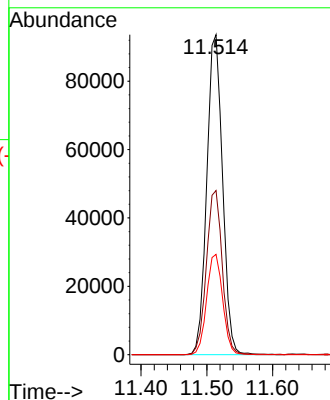
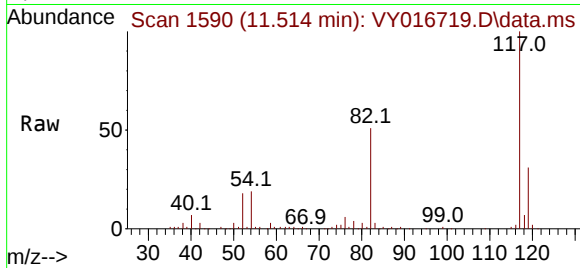




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.514 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016719.D
Acq: 20 Dec 2023 01:31

Instrument :
MSVOA_Y
ClientSampleId :
RT-SB-10-11-12

Tgt Ion:117 Resp: 155828
Ion Ratio Lower Upper
117 100
82 51.3 41.0 61.6
119 31.3 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: VY016719.D
Acq: 20 Dec 2023 01:31

Tgt Ion:152 Resp: 66573
Ion Ratio Lower Upper
152 100
115 50.6 28.2 84.7
150 156.9 0.0 350.6

