

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122122\
 Data File : VY011947.D
 Acq On : 21 Dec 2022 15:23
 Operator : KP/MD
 Sample : N6092-01
 Misc : 4.20g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20221254-LOCATION-2

Quant Time: Dec 22 00:14:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

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

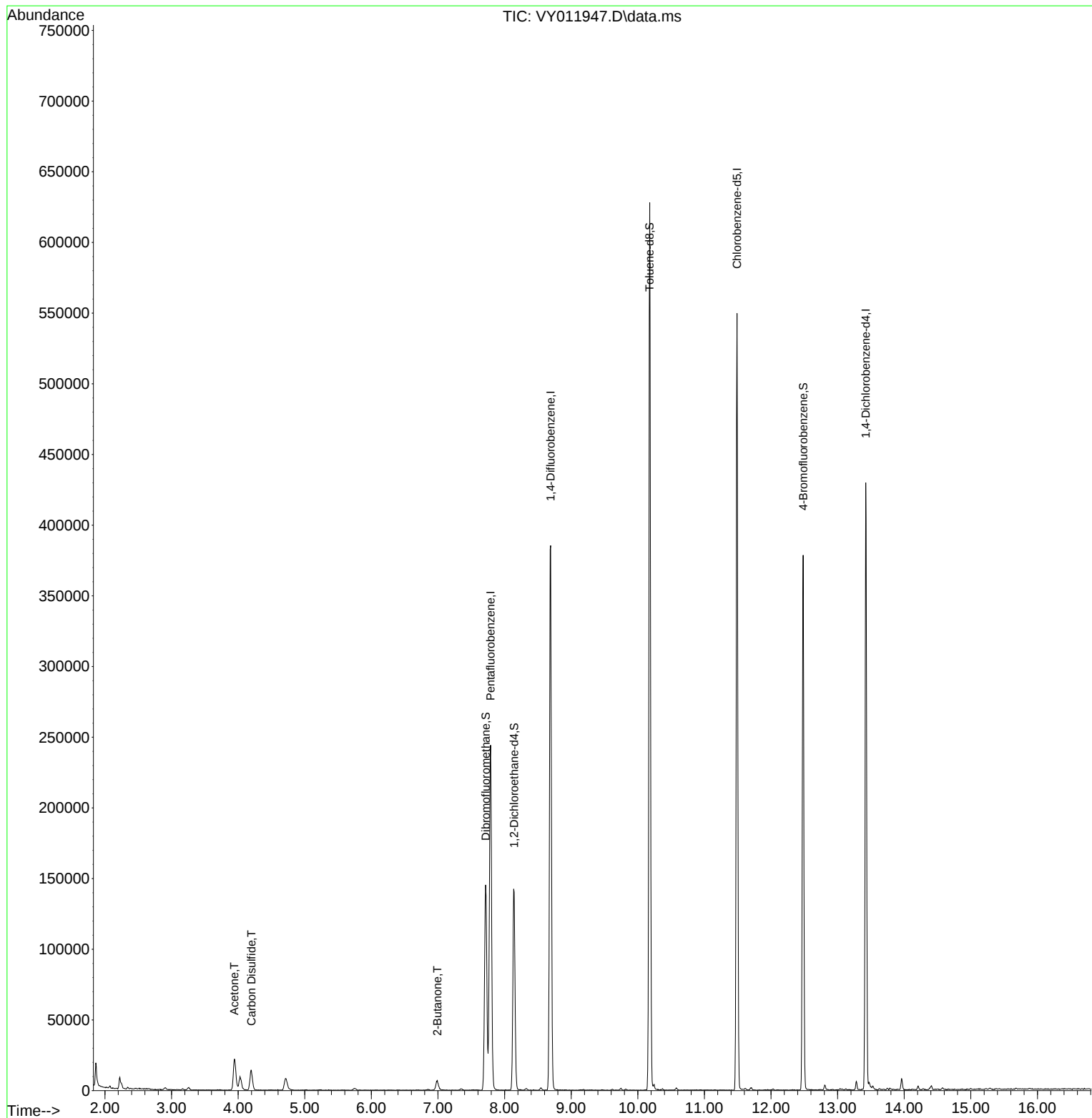
Internal Standards						
1) Pentafluorobenzene	7.789	168	191884	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	337004	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	295333	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	113846	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	114796	59.382	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.760%
35) Dibromofluoromethane	7.716	113	103181	50.857	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.720%
50) Toluene-d8	10.179	98	406263	49.354	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.700%
62) 4-Bromofluorobenzene	12.483	95	112520	40.644	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	81.280%
Target Compounds					Qvalue	
16) Acetone	3.942	43	38785	70.763	ug/l	97
17) Carbon Disulfide	4.198	76	28610	4.940	ug/l	98
25) 2-Butanone	6.990	43	10622	16.495	ug/l	93

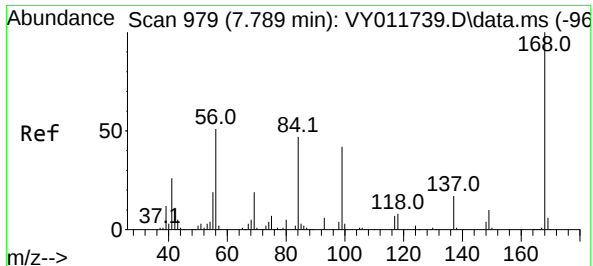
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
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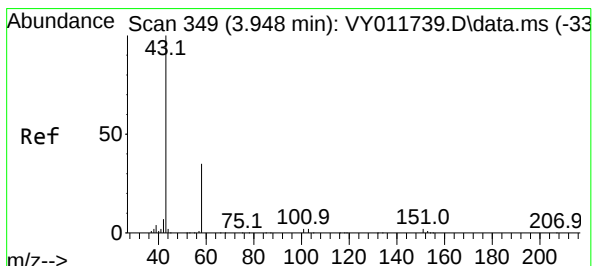
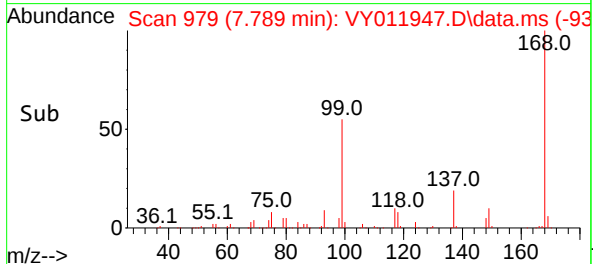
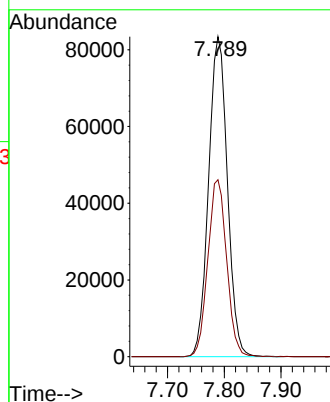
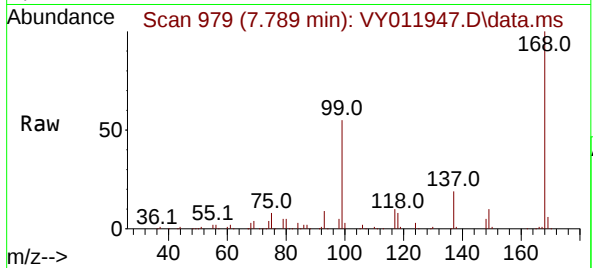




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011947.D
Acq: 21 Dec 2022 15:23

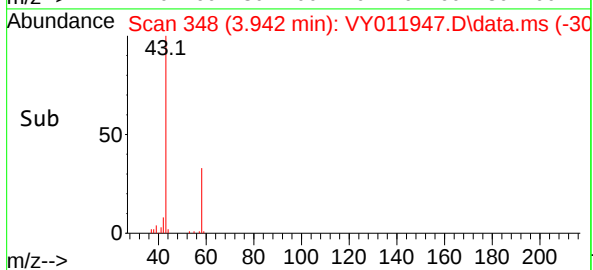
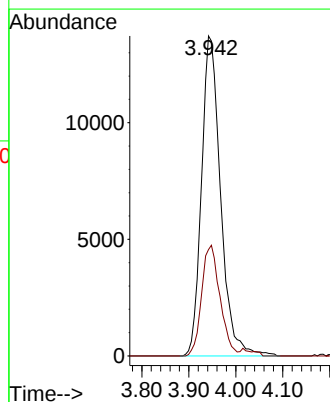
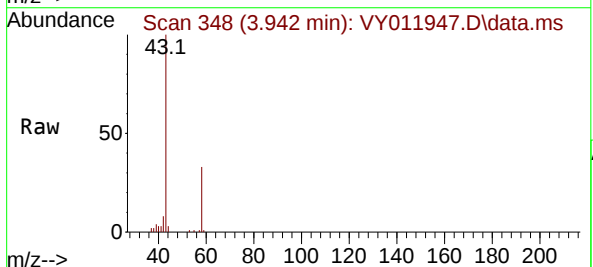
Instrument :
MSVOA_Y
ClientSampleId :
20221254-LOCATION-2

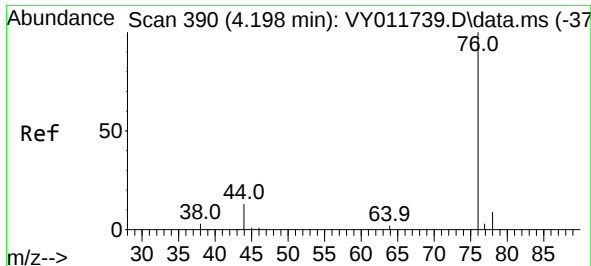
Tgt Ion:168 Resp: 191884
Ion Ratio Lower Upper
168 100
99 55.3 44.0 66.0



#16
Acetone
Concen: 70.763 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY011947.D
Acq: 21 Dec 2022 15:23

Tgt Ion: 43 Resp: 38785
Ion Ratio Lower Upper
43 100
58 33.3 27.9 41.9

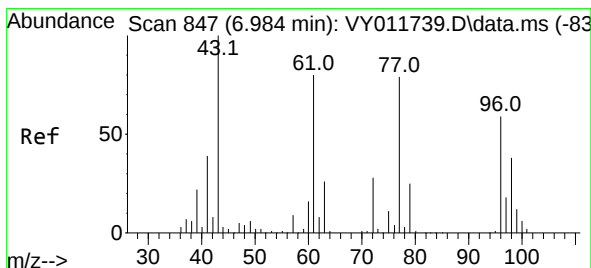
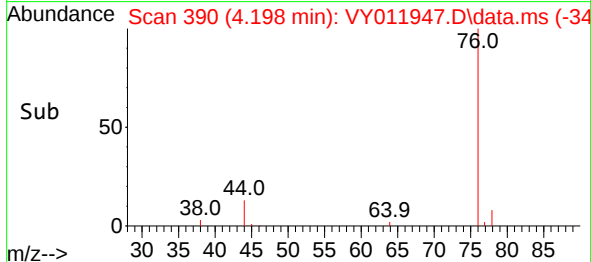
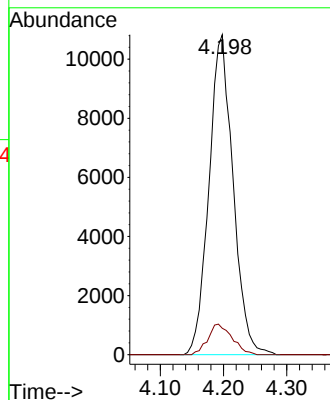
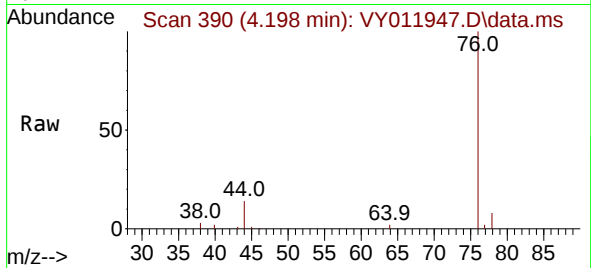




#17
Carbon Disulfide
Concen: 4.940 ug/l
RT: 4.198 min Scan# 390
Delta R.T. -0.000 min
Lab File: VY011947.D
Acq: 21 Dec 2022 15:23

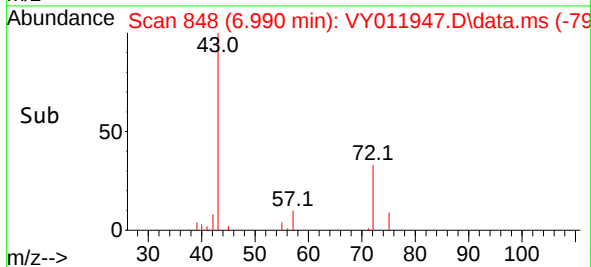
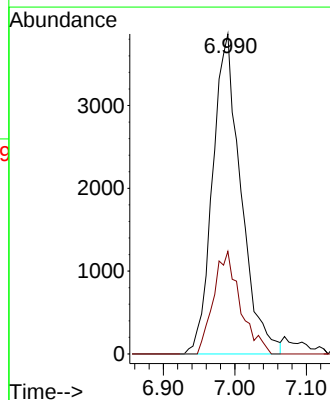
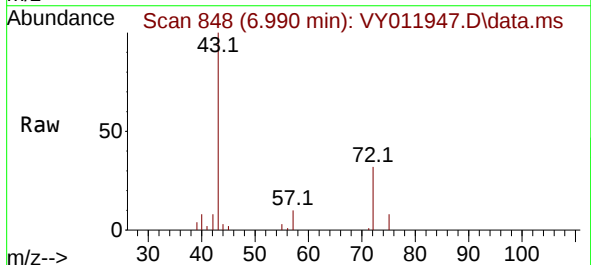
Instrument :
MSVOA_Y
ClientSampleId :
20221254-LOCATION-2

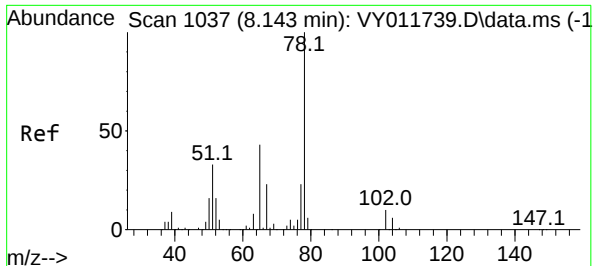
Tgt Ion: 76 Resp: 28610
Ion Ratio Lower Upper
76 100
78 8.2 7.2 10.8



#25
2-Butanone
Concen: 16.495 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY011947.D
Acq: 21 Dec 2022 15:23

Tgt Ion: 43 Resp: 10622
Ion Ratio Lower Upper
43 100
72 32.0 22.6 34.0





#33

1,2-Dichloroethane-d4

Concen: 59.382 ug/l

RT: 8.142 min Scan# 110

Delta R.T. -0.001 min

Lab File: VY011947.D

Acq: 21 Dec 2022 15:23

Instrument :

MSVOA_Y

ClientSampleId :

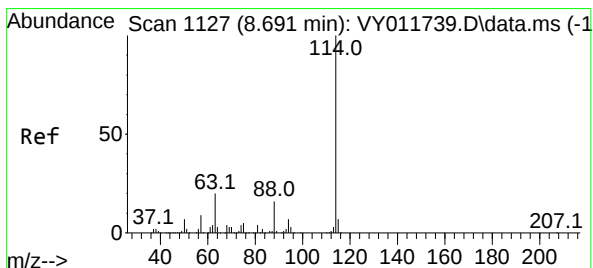
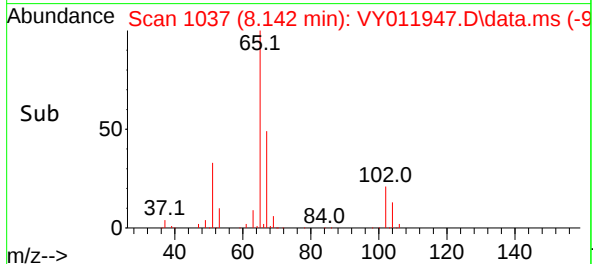
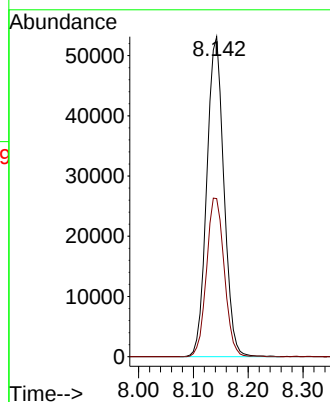
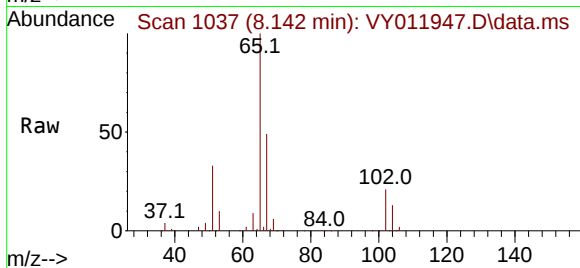
20221254-LOCATION-2

Tgt Ion: 65 Resp: 114796

Ion Ratio Lower Upper

65 100

67 51.5 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011947.D

Acq: 21 Dec 2022 15:23

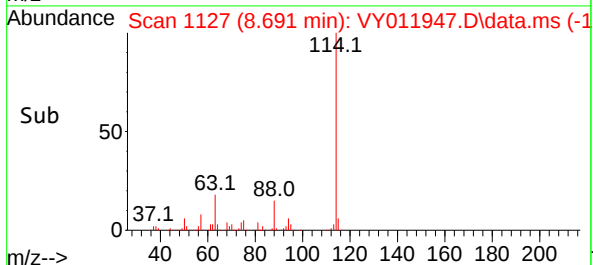
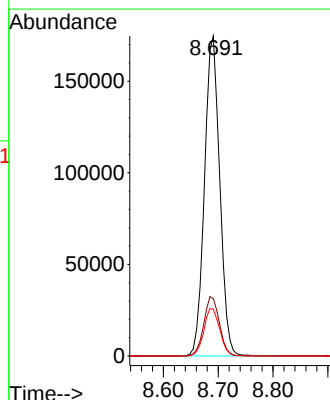
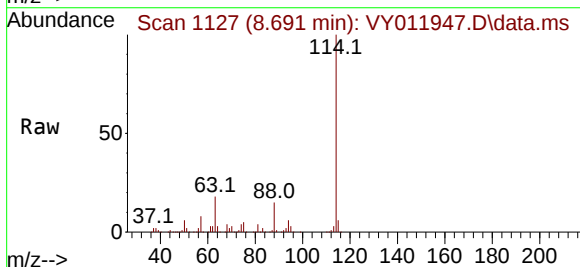
Tgt Ion: 114 Resp: 337004

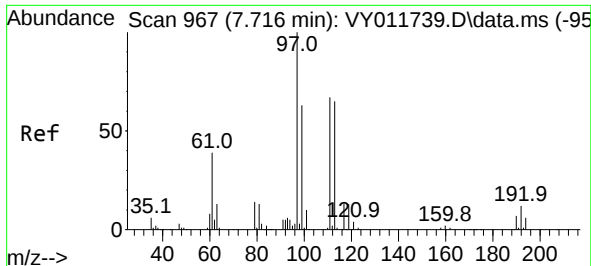
Ion Ratio Lower Upper

114 100

63 17.9 0.0 39.6

88 14.7 0.0 32.2

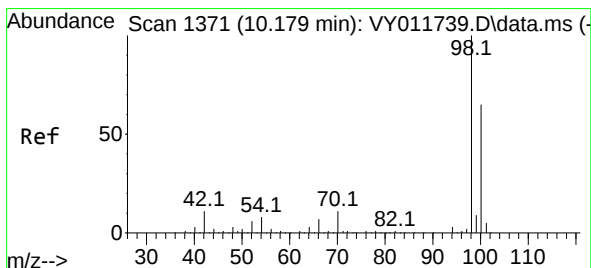
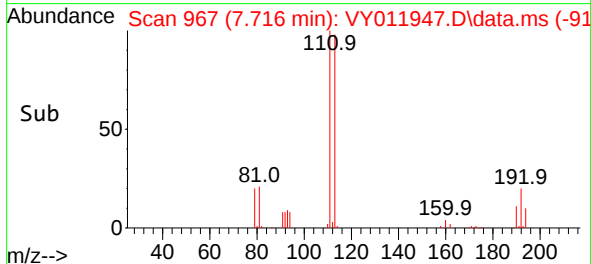
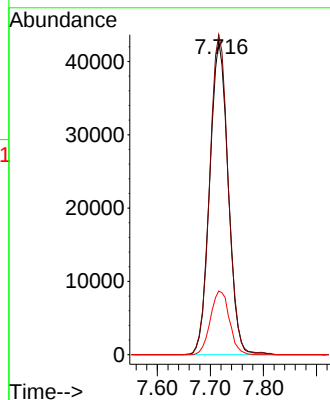
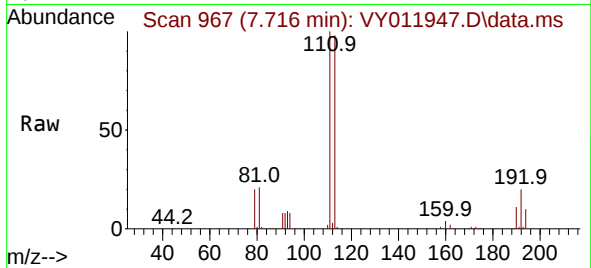




#35
Dibromofluoromethane
Concen: 50.857 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY011947.D
Acq: 21 Dec 2022 15:23

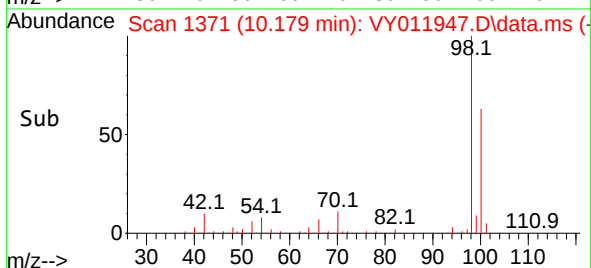
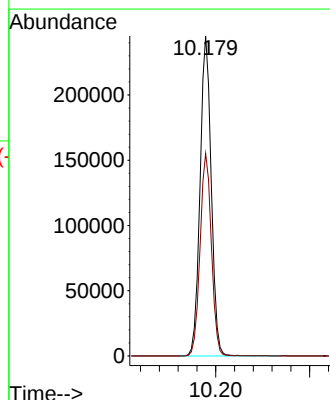
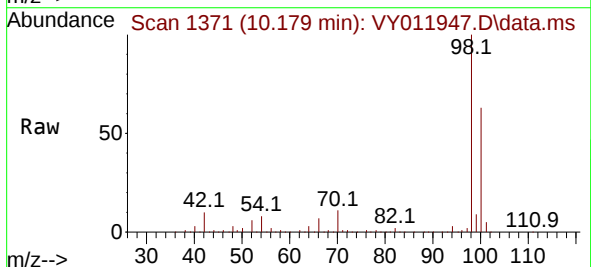
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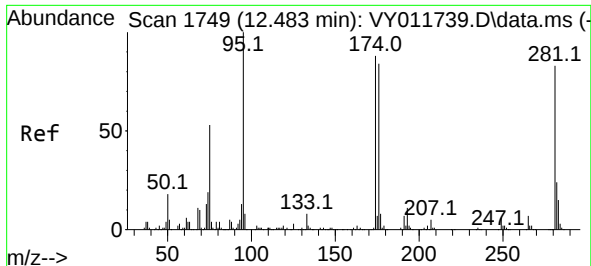
Tgt Ion:113 Resp: 103181
Ion Ratio Lower Upper
113 100
111 102.4 83.0 124.4
192 20.9 16.0 24.0



#50
Toluene-d8
Concen: 49.354 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011947.D
Acq: 21 Dec 2022 15:23

Tgt Ion: 98 Resp: 406263
Ion Ratio Lower Upper
98 100
100 63.9 51.9 77.9

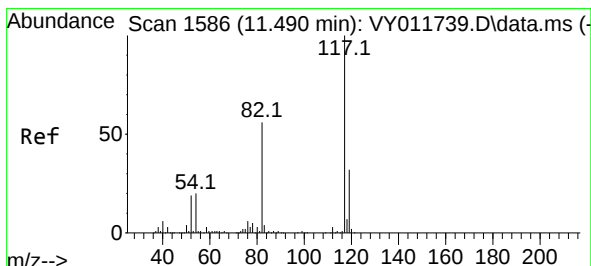
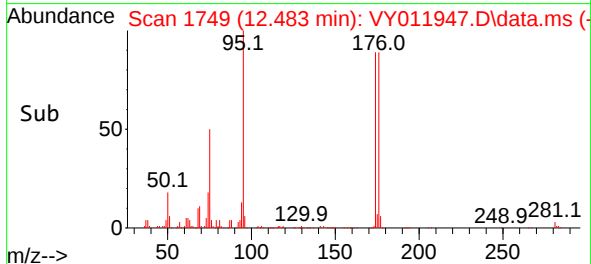
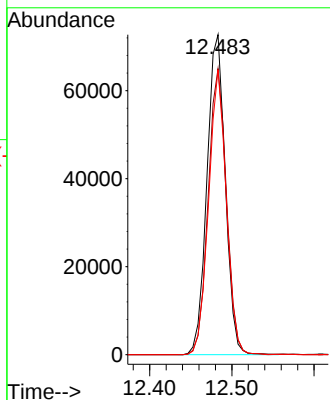
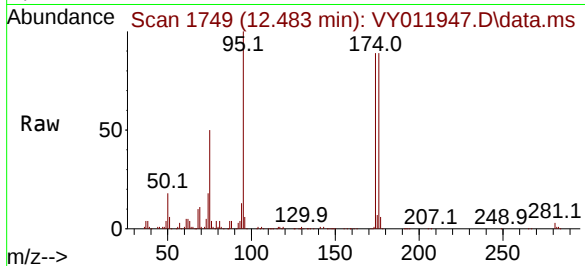




#62
4-Bromofluorobenzene
Concen: 40.644 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY011947.D
Acq: 21 Dec 2022 15:23

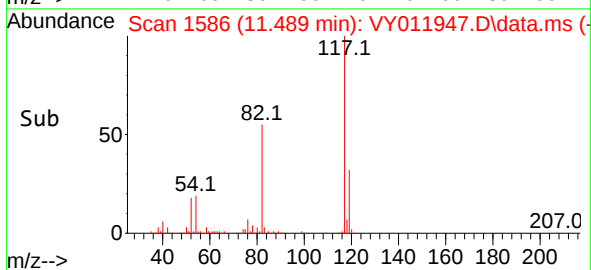
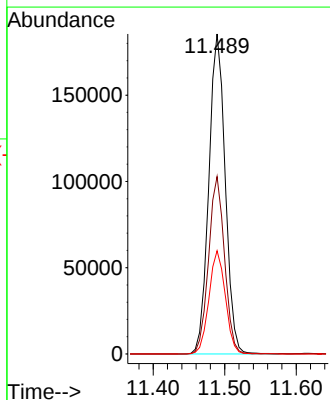
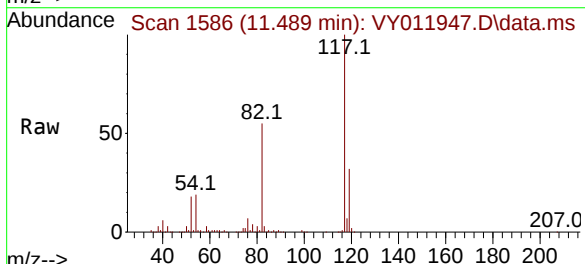
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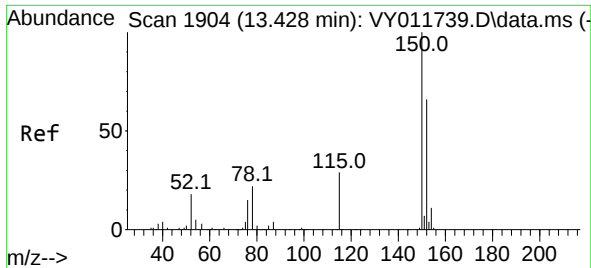
Tgt Ion: 95 Resp: 112520
Ion Ratio Lower Upper
95 100
174 89.5 0.0 172.0
176 86.0 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY011947.D
Acq: 21 Dec 2022 15:23

Tgt Ion: 117 Resp: 295333
Ion Ratio Lower Upper
117 100
82 55.4 44.8 67.2
119 32.3 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY011947.D

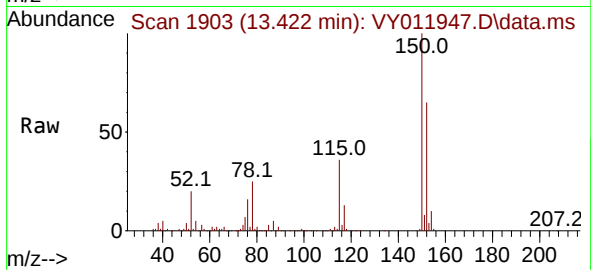
Acq: 21 Dec 2022 15:23

Instrument :

MSVOA_Y

ClientSampleId :

20221254-LOCATION-2



Tgt Ion:152 Resp: 113846

Ion Ratio Lower Upper

152 100

115 56.6 29.1 87.3

150 157.8 0.0 342.6

