

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121322\
 Data File : VY011824.D
 Acq On : 14 Dec 2022 04:16
 Operator : KP/MD
 Sample : N6037-20
 Misc : 5.34g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB-26-(2-4)

Quant Time: Dec 14 05:38:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 10 04:19:59 2022
 Response via : Initial Calibration

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

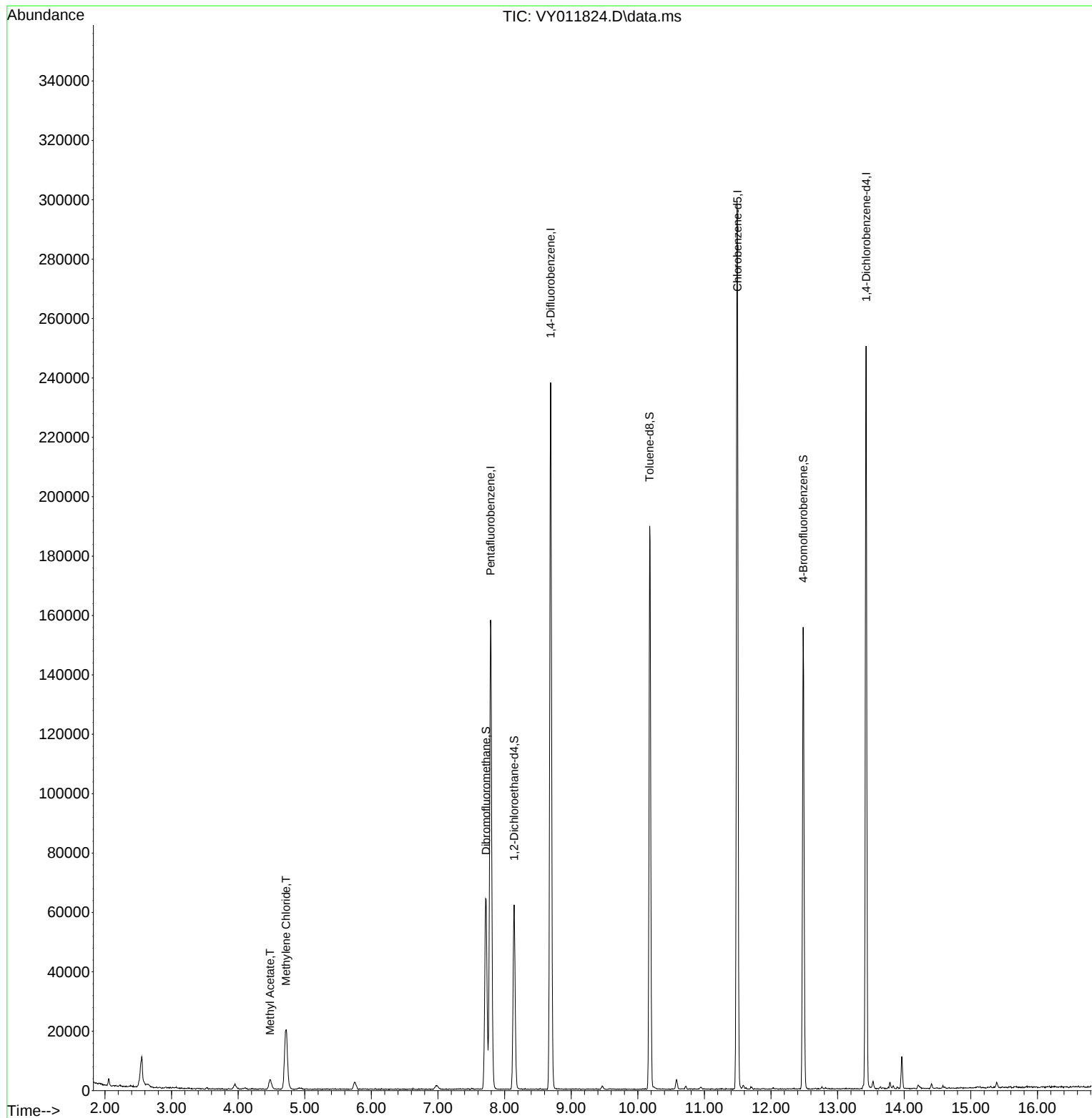
Internal Standards						
1) Pentafluorobenzene	7.789	168	122698	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	202499	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	171599	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	65470	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	48516	58.788	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.580%
35) Dibromofluoromethane	7.722	113	46582	51.925	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.860%
50) Toluene-d8	10.179	98	128264	42.486	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	84.980%
62) 4-Bromofluorobenzene	12.483	95	42879	35.168	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	70.340%
Target Compounds						
18) Methyl Acetate	4.478	43	6668	6.839	ug/l	94
20) Methylene Chloride	4.716	84	16245	8.778	ug/l	98

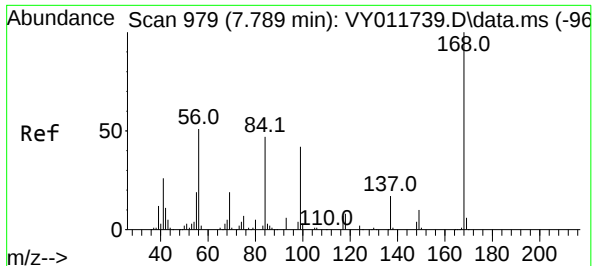
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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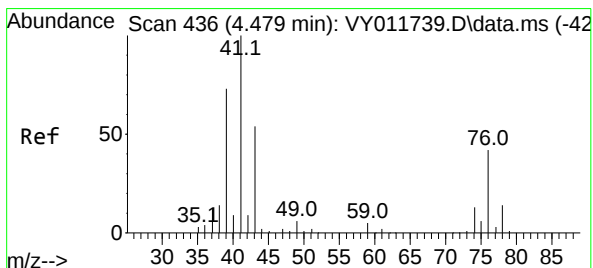
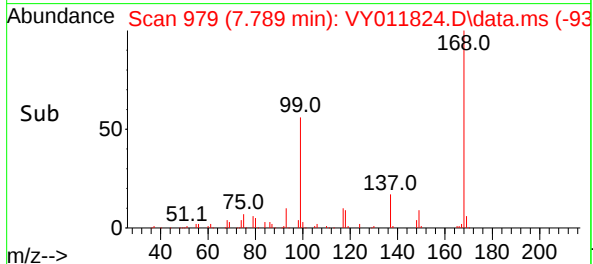
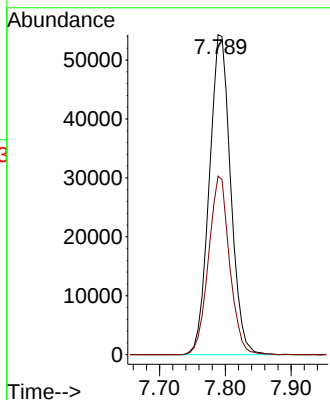
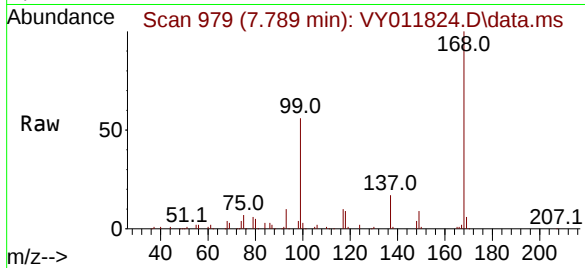




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011824.D
Acq: 14 Dec 2022 04:16

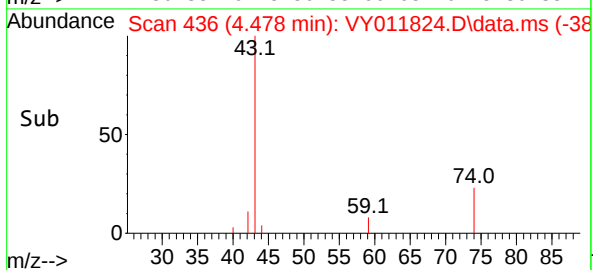
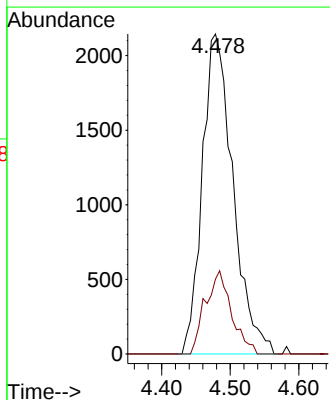
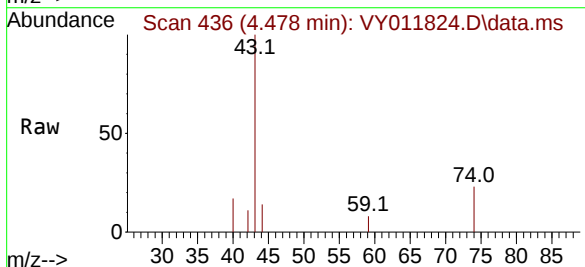
Instrument :
MSVOA_Y
ClientSampleId :
RB-26-(2-4)

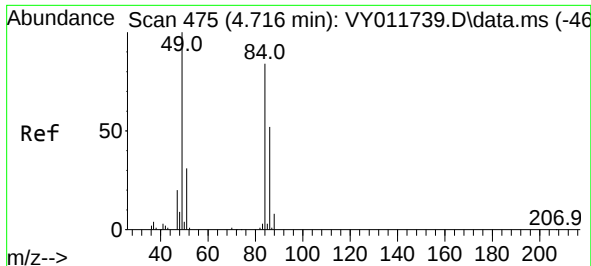
Tgt Ion:168 Resp: 122698
Ion Ratio Lower Upper
168 100
99 55.8 44.0 66.0



#18
Methyl Acetate
Concen: 6.839 ug/l
RT: 4.478 min Scan# 436
Delta R.T. -0.001 min
Lab File: VY011824.D
Acq: 14 Dec 2022 04:16

Tgt Ion: 43 Resp: 6668
Ion Ratio Lower Upper
43 100
74 22.2 20.1 30.1

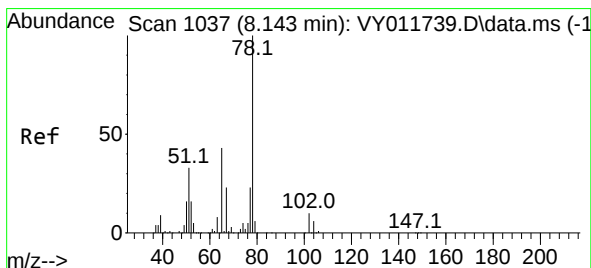
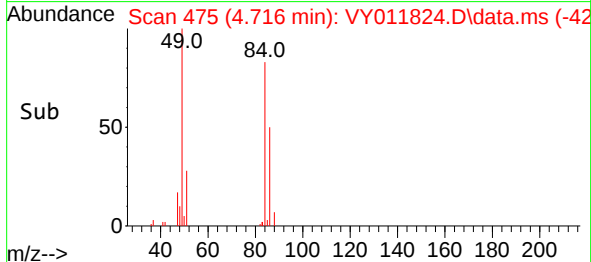
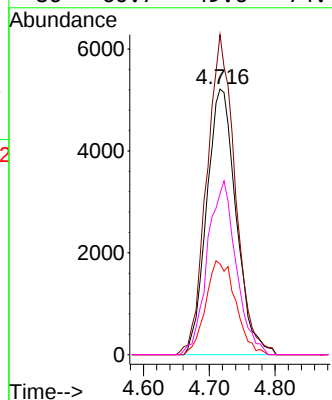
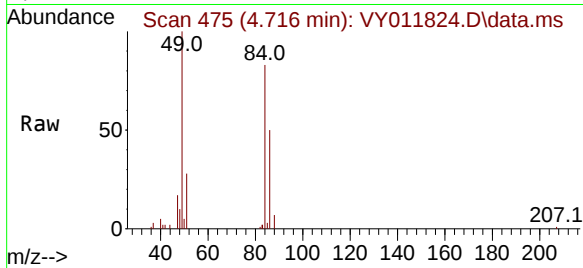




#20
Methylene Chloride
Concen: 8.778 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY011824.D
Acq: 14 Dec 2022 04:16

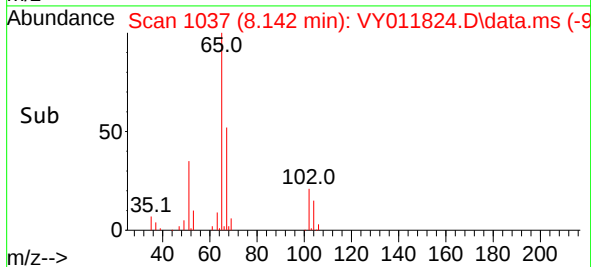
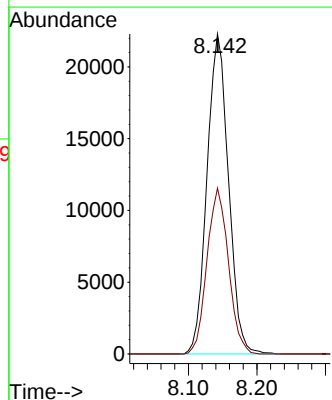
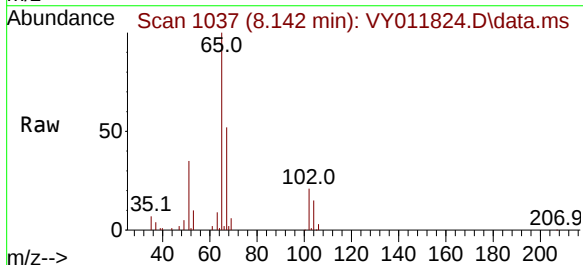
Instrument :
MSVOA_Y
ClientSampleId :
RB-26-(2-4)

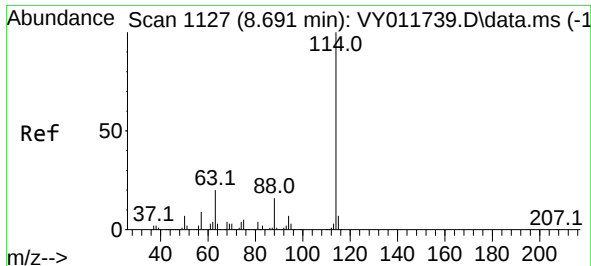
Tgt Ion:	84	Resp:	16245
Ion	Ratio	Lower	Upper
84	100		
49	120.5	95.4	143.2
51	34.2	29.9	44.9
86	60.7	49.6	74.4



#33
1,2-Dichloroethane-d4
Concen: 58.788 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY011824.D
Acq: 14 Dec 2022 04:16

Tgt Ion:	65	Resp:	48516
Ion	Ratio	Lower	Upper
65	100		
67	51.7	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: VY011824.D

Acq: 14 Dec 2022 04:16

Instrument :

MSVOA_Y

ClientSampleId :

RB-26-(2-4)

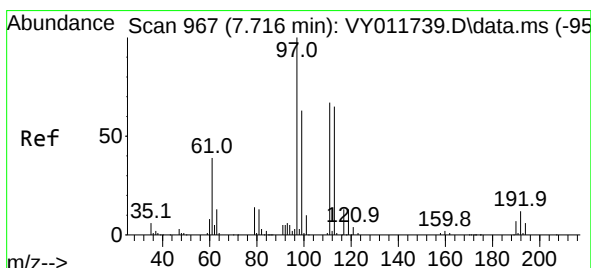
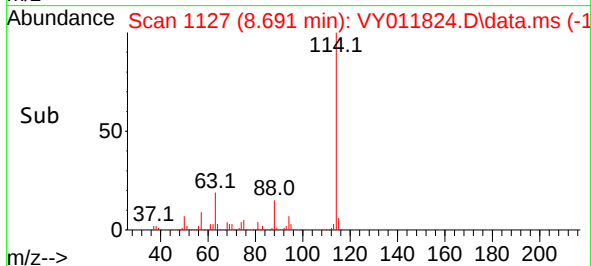
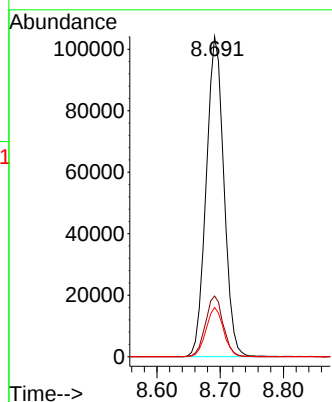
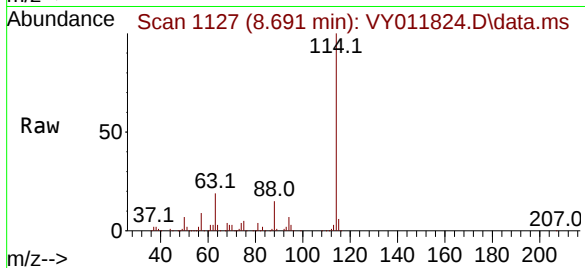
Tgt Ion:114 Resp: 202499

Ion Ratio Lower Upper

114 100

63 19.0 0.0 39.6

88 15.4 0.0 32.2



#35

Dibromofluoromethane

Concen: 51.925 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY011824.D

Acq: 14 Dec 2022 04:16

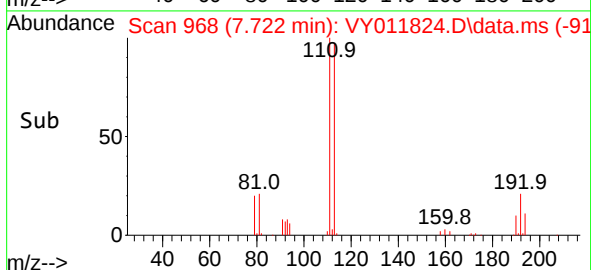
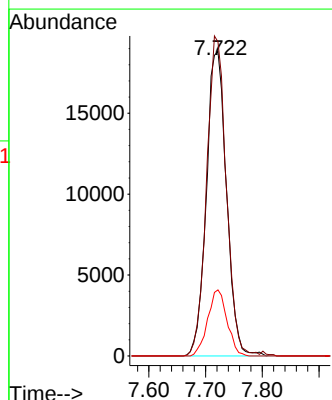
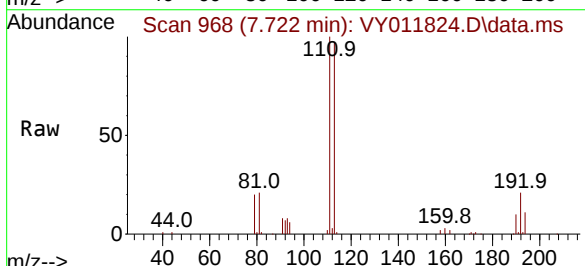
Tgt Ion:113 Resp: 46582

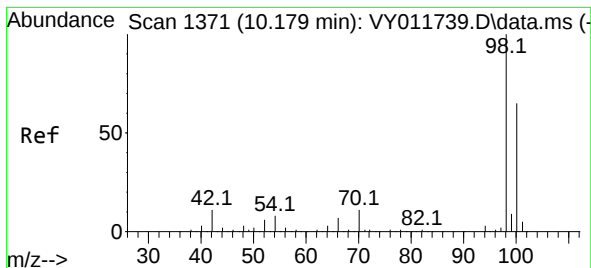
Ion Ratio Lower Upper

113 100

111 102.0 83.0 124.4

192 20.8 16.0 24.0

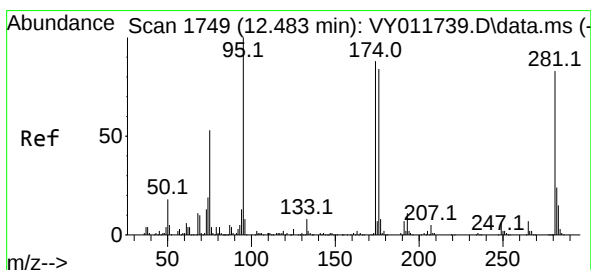
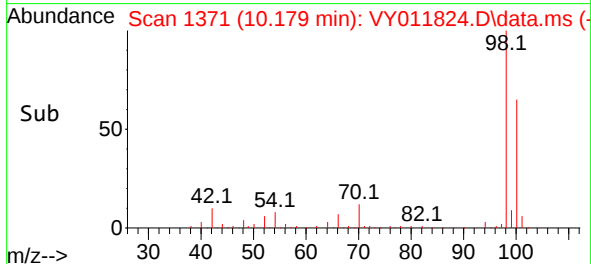
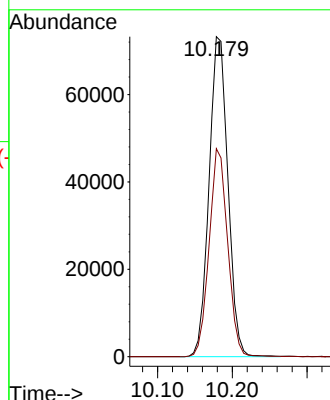
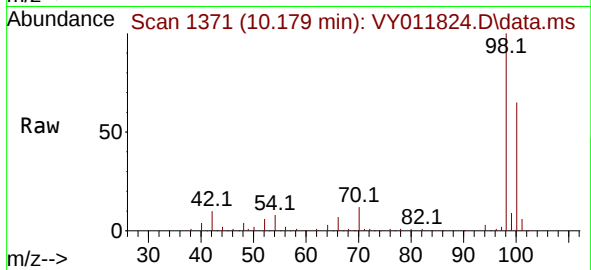




#50
Toluene-d8
Concen: 42.486 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011824.D
Acq: 14 Dec 2022 04:16

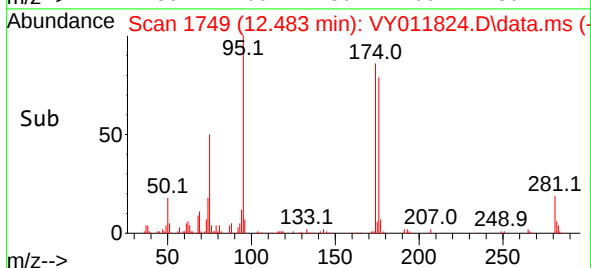
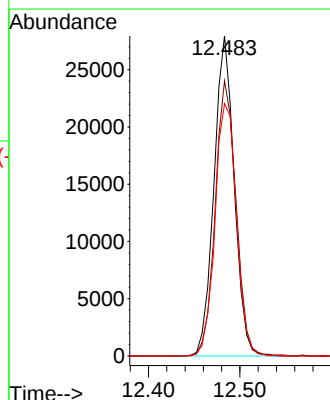
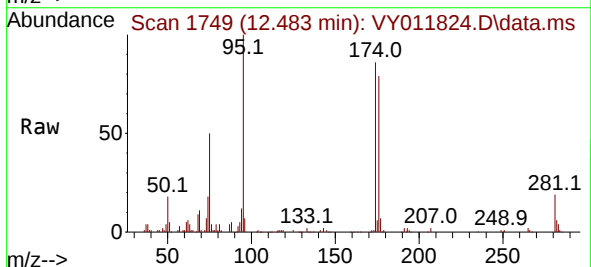
Instrument :
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ClientSampleId :
RB-26-(2-4)

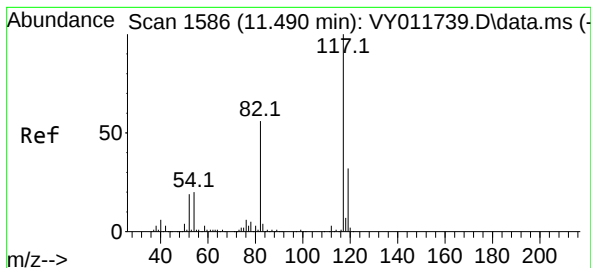
Tgt Ion: 98 Resp: 128264
Ion Ratio Lower Upper
98 100
100 64.0 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 35.168 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011824.D
Acq: 14 Dec 2022 04:16

Tgt Ion: 95 Resp: 42879
Ion Ratio Lower Upper
95 100
174 88.6 0.0 172.0
176 83.8 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.495 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY011824.D

Acq: 14 Dec 2022 04:16

Instrument :

MSVOA_Y

ClientSampleId :

RB-26-(2-4)

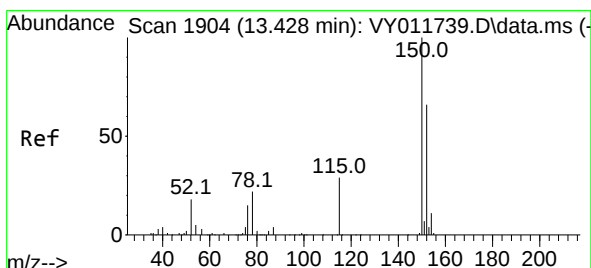
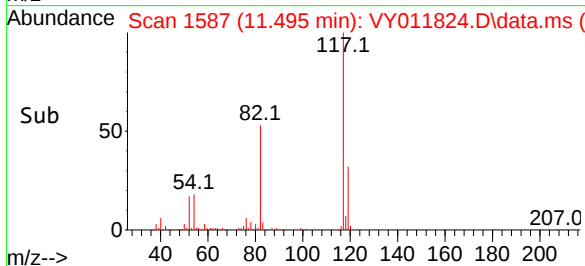
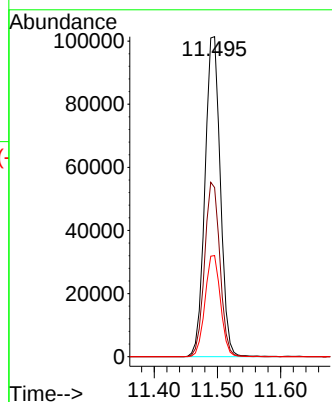
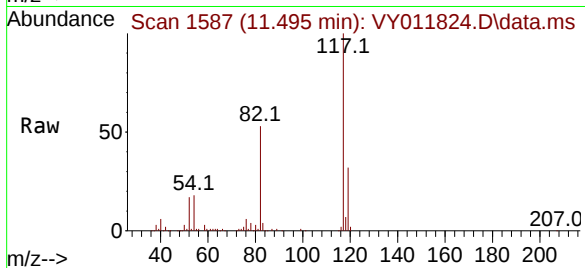
Tgt Ion:117 Resp: 171599

Ion Ratio Lower Upper

117 100

82 52.9 44.8 67.2

119 31.6 25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY011824.D

Acq: 14 Dec 2022 04:16

Tgt Ion:152 Resp: 65470

Ion Ratio Lower Upper

152 100

115 57.4 29.1 87.3

150 155.6 0.0 342.6

