

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092022\
 Data File : VY010579.D
 Acq On : 20 Sep 2022 16:47
 Operator : KP/MD
 Sample : N4697-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-22-7.5-8.0

Quant Time: Sep 21 01:42:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 01:02:44 2022
 Response via : Initial Calibration

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

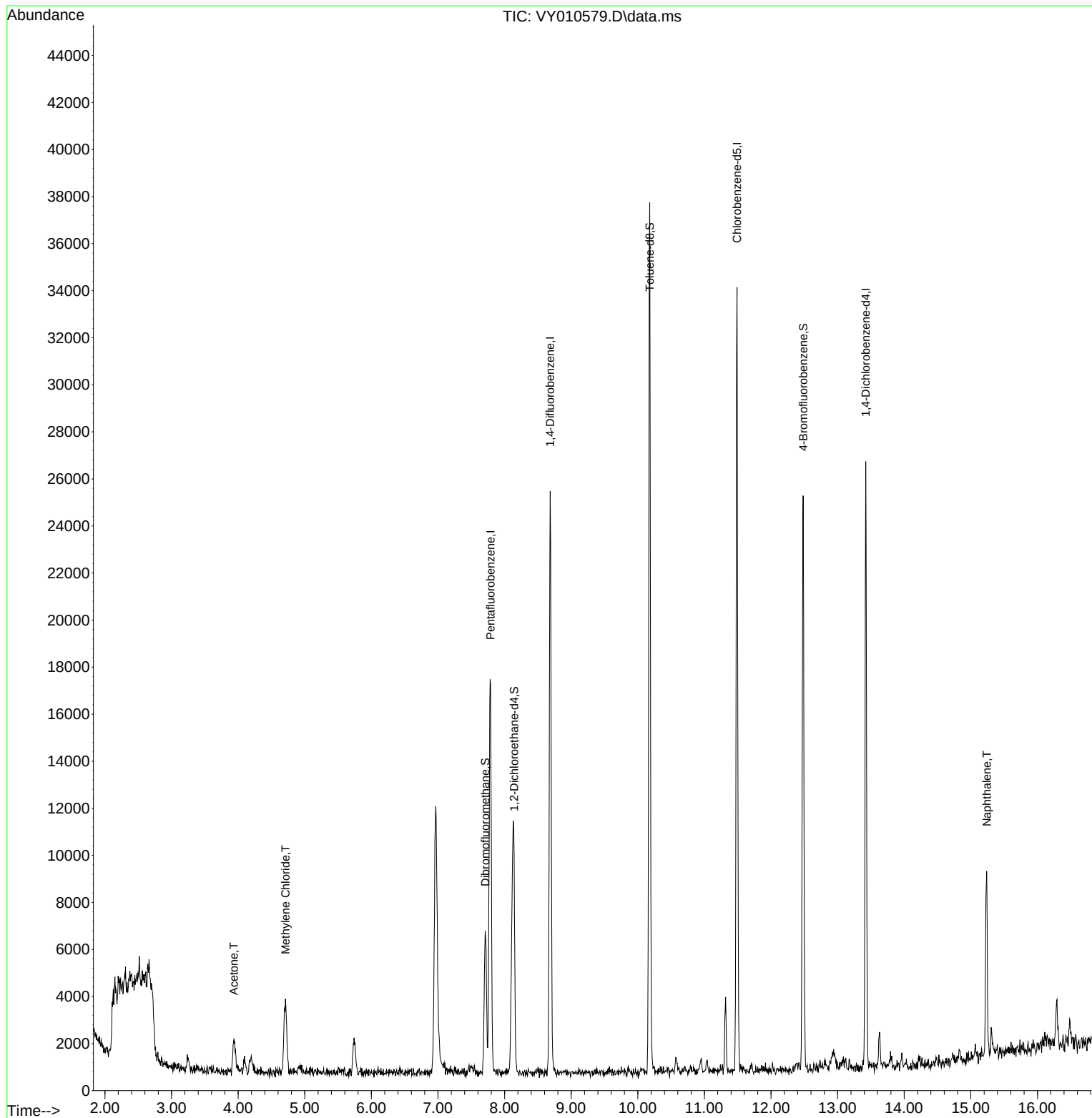
Internal Standards						
1) Pentafluorobenzene	7.789	168	14176	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	21825	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	18629	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	6935	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	7100	52.364	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.720%
35) Dibromofluoromethane	7.710	113	4537	32.573	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	65.140%
50) Toluene-d8	10.179	98	25443	49.461	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.920%
62) 4-Bromofluorobenzene	12.483	95	7221	37.100	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	74.200%
Target Compounds						
16) Acetone	3.936	43	2534	91.644	ug/l	97
20) Methylene Chloride	4.710	84	2623	7.814	ug/l #	84
95) Naphthalene	15.239	128	7329	32.338	ug/l #	97

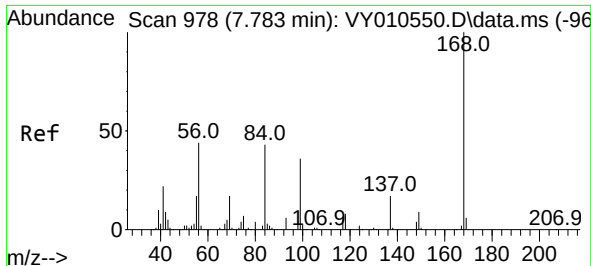
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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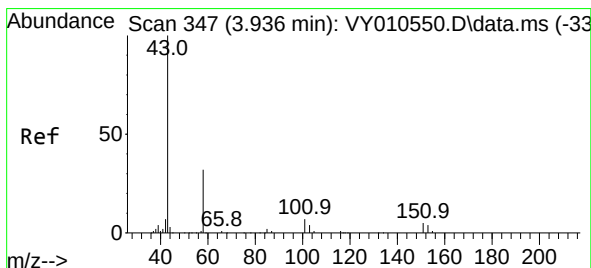
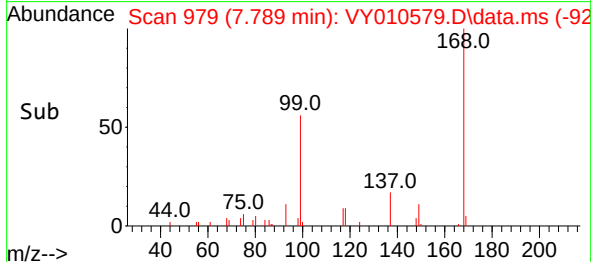
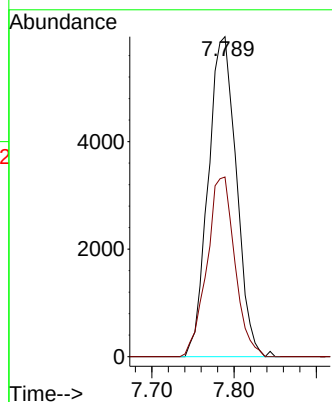
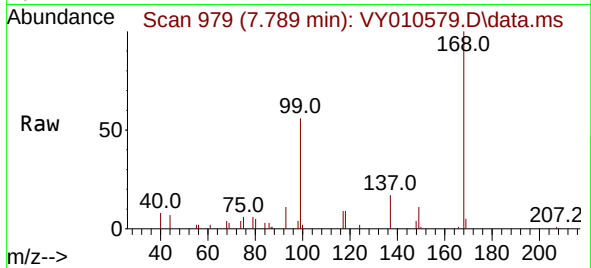




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010579.D
Acq: 20 Sep 2022 16:47

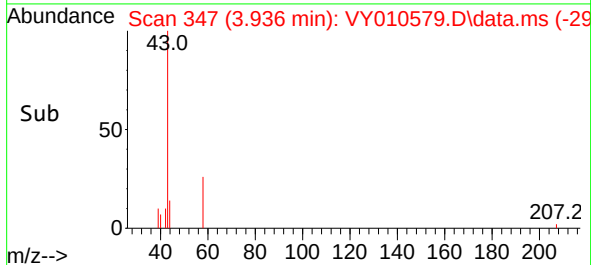
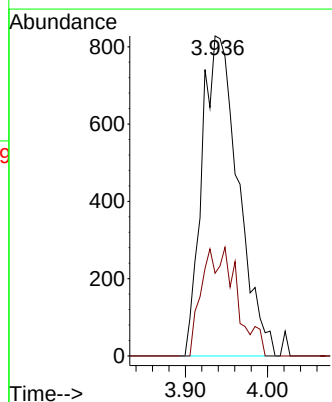
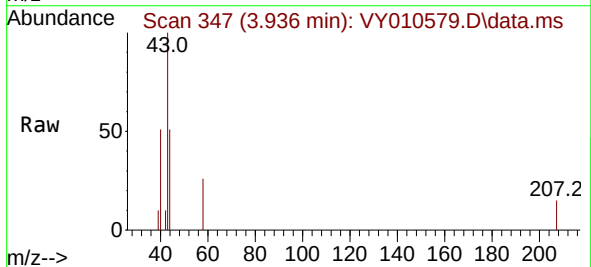
Instrument :
MSVOA_Y
ClientSampleId :
SB-22-7.5-8.0

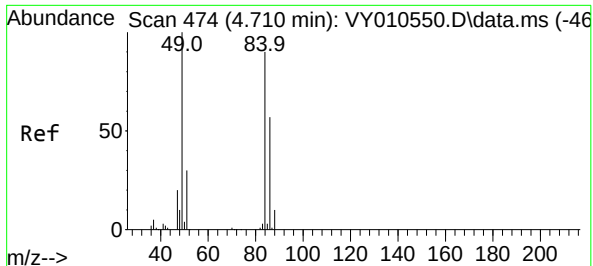
Tgt Ion:168 Resp: 14176
Ion Ratio Lower Upper
168 100
99 56.1 46.9 70.3



#16
Acetone
Concen: 91.644 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY010579.D
Acq: 20 Sep 2022 16:47

Tgt Ion: 43 Resp: 2534
Ion Ratio Lower Upper
43 100
58 25.8 22.0 33.0

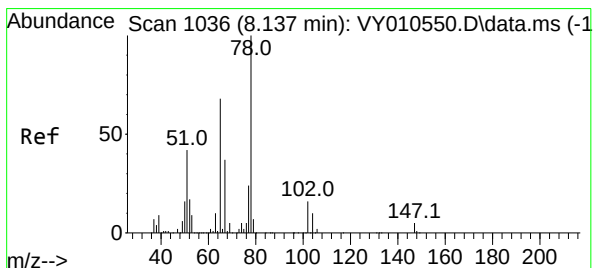
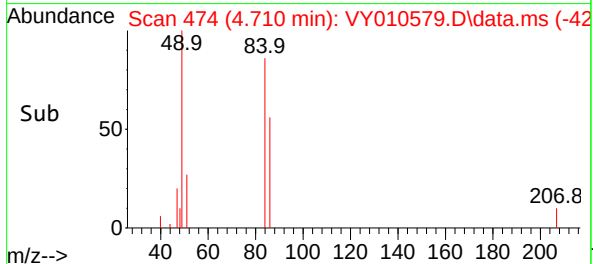
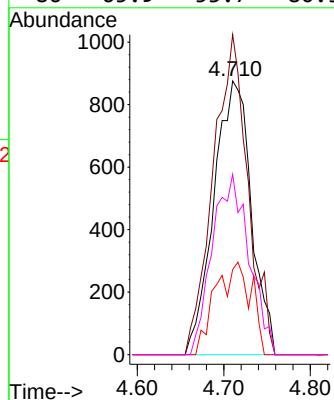
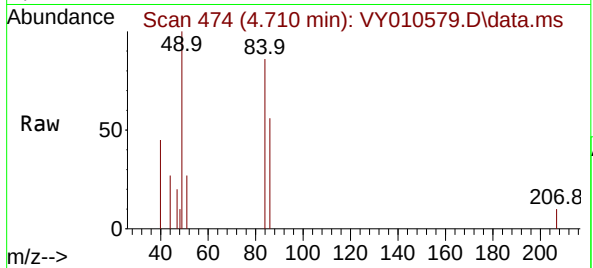




#20
Methylene Chloride
Concen: 7.814 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY010579.D
Acq: 20 Sep 2022 16:47

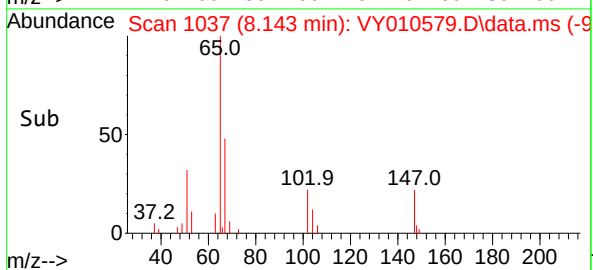
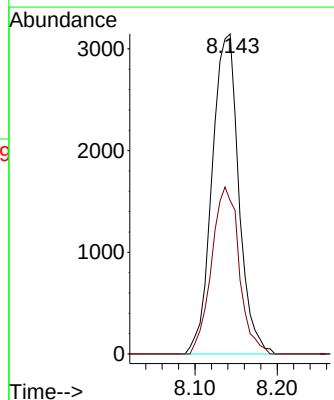
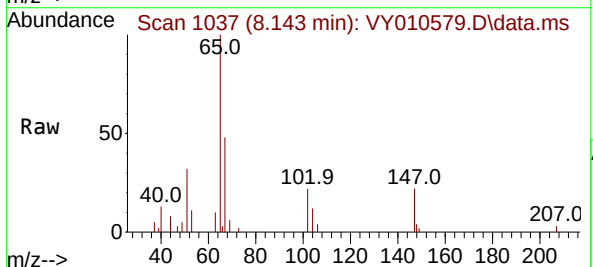
Instrument :
MSVOA_Y
ClientSampleId :
SB-22-7.5-8.0

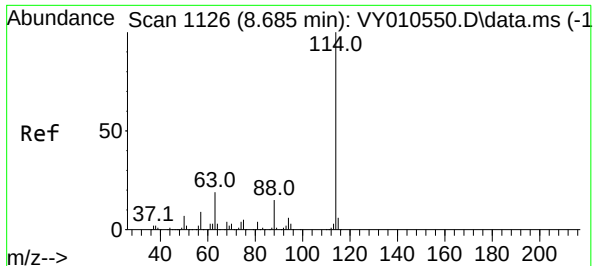
Tgt Ion:	84	Resp:	2623
Ion	Ratio	Lower	Upper
84	100		
49	116.9	114.4	171.6
51	31.1	35.3	52.9#
86	65.9	53.7	80.5



#33
1,2-Dichloroethane-d4
Concen: 52.364 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY010579.D
Acq: 20 Sep 2022 16:47

Tgt Ion:	65	Resp:	7100
Ion	Ratio	Lower	Upper
65	100		
67	53.8	0.0	99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010579.D

Acq: 20 Sep 2022 16:47

Instrument :

MSVOA_Y

ClientSampleId :

SB-22-7.5-8.0

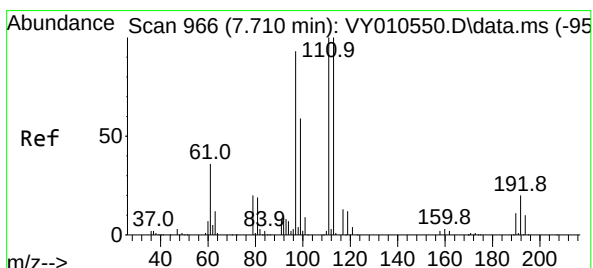
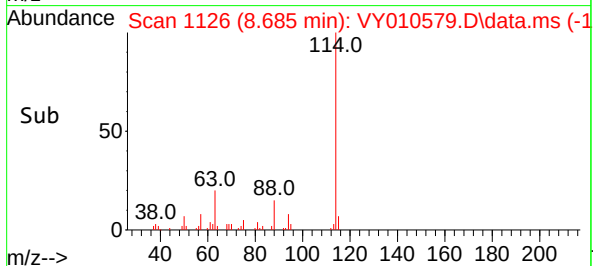
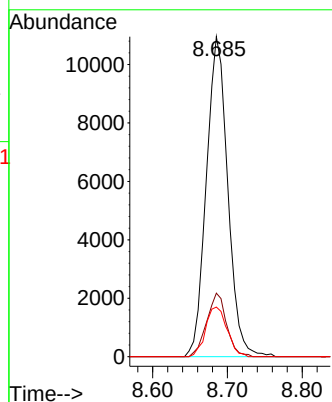
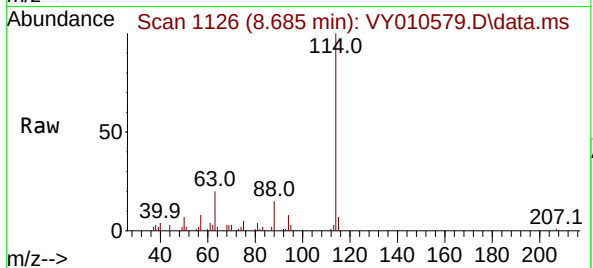
Tgt Ion:114 Resp: 21825

Ion Ratio Lower Upper

114 100

63 19.9 0.0 43.2

88 15.5 0.0 31.8



#35

Dibromofluoromethane

Concen: 32.573 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY010579.D

Acq: 20 Sep 2022 16:47

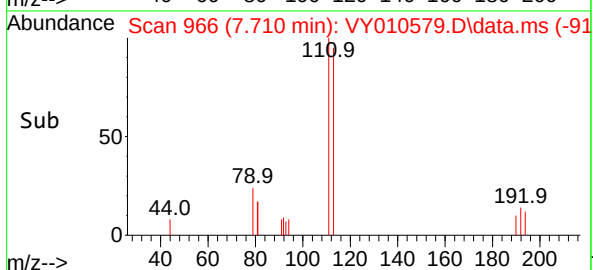
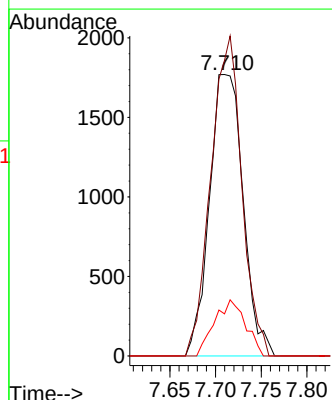
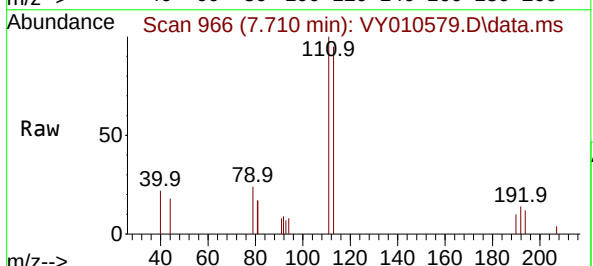
Tgt Ion:113 Resp: 4537

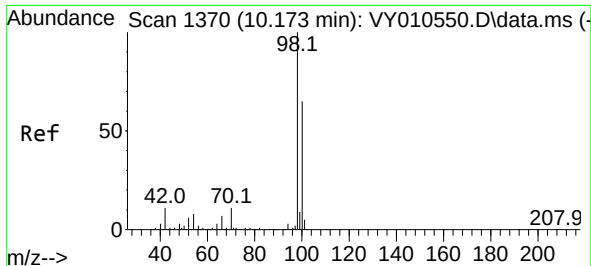
Ion Ratio Lower Upper

113 100

111 104.2 82.6 124.0

192 18.4 17.6 26.4

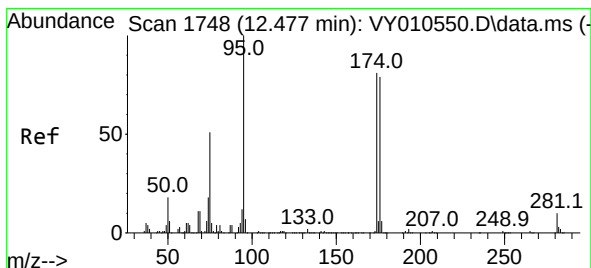
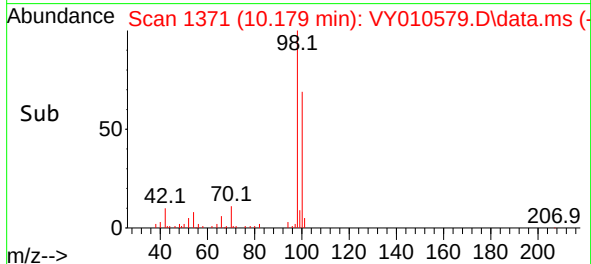
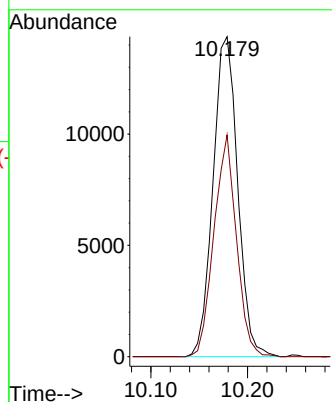
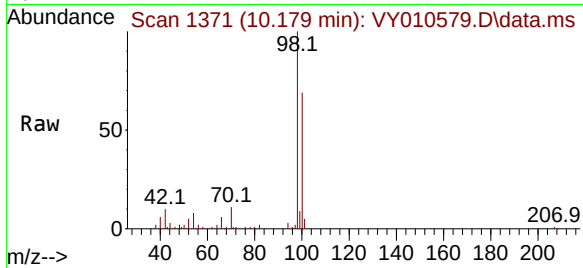




#50
Toluene-d8
Concen: 49.461 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010579.D
Acq: 20 Sep 2022 16:47

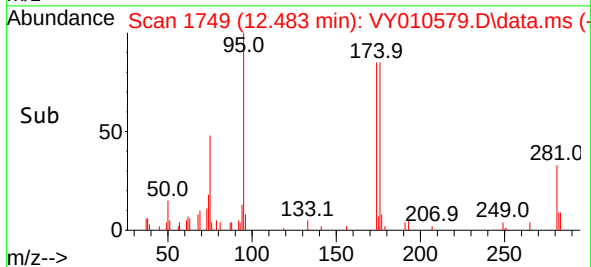
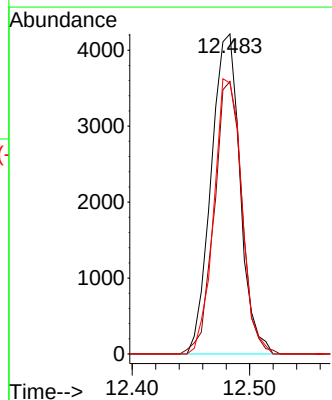
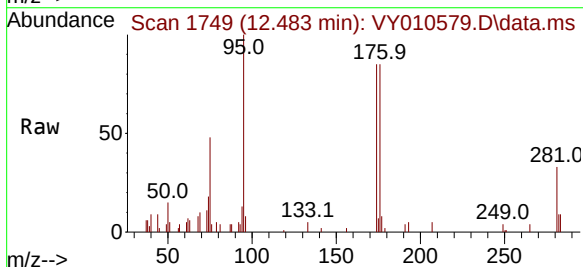
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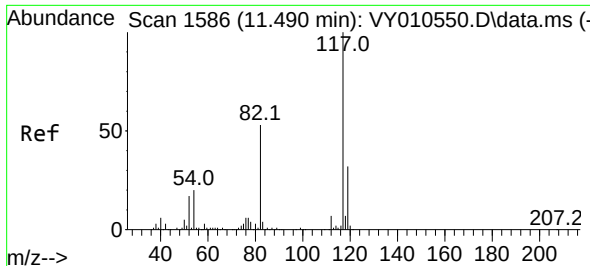
Tgt Ion: 98 Resp: 25443
Ion Ratio Lower Upper
98 100
100 63.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 37.100 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY010579.D
Acq: 20 Sep 2022 16:47

Tgt Ion: 95 Resp: 7221
Ion Ratio Lower Upper
95 100
174 81.3 0.0 177.0
176 82.7 0.0 175.8

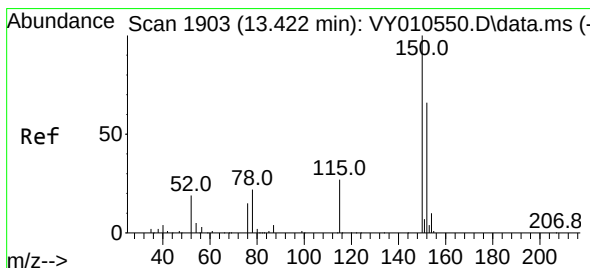
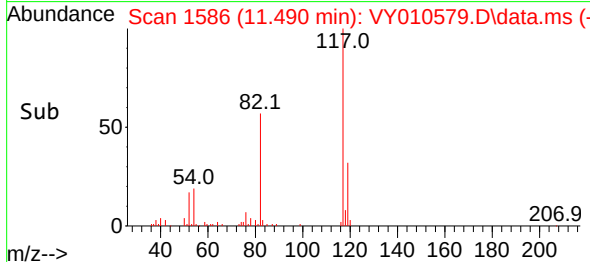
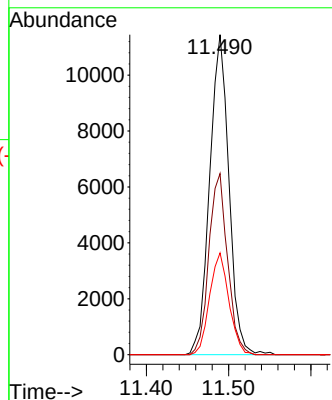
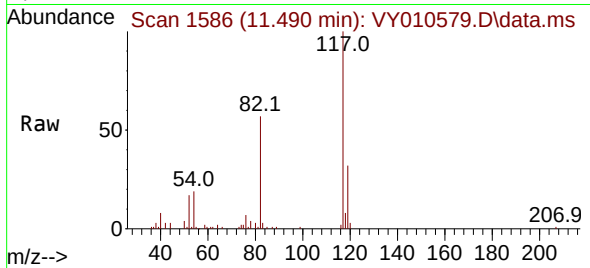




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY010579.D
Acq: 20 Sep 2022 16:47

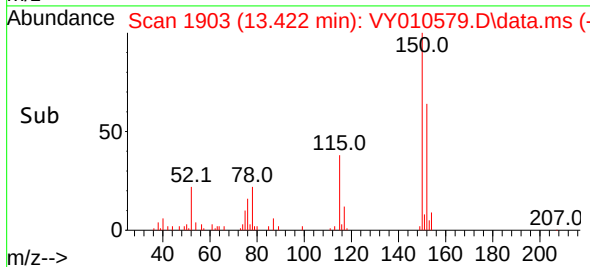
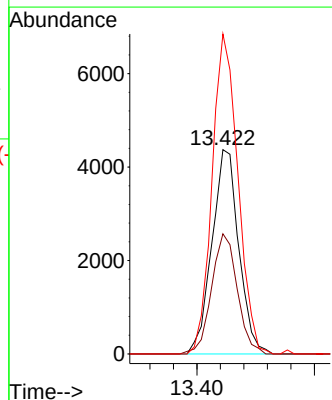
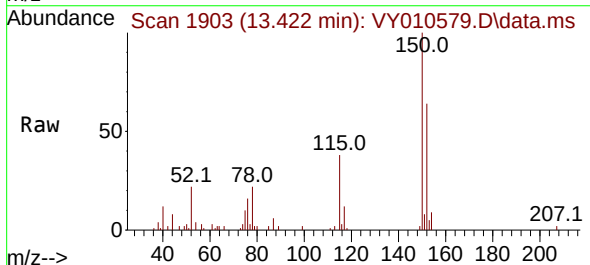
Instrument :
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ClientSampleId :
SB-22-7.5-8.0

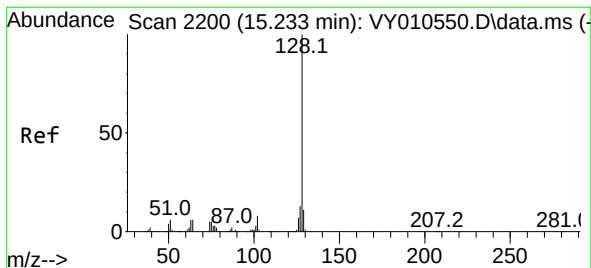
Tgt Ion:117	Resp:	18629
Ion Ratio	Lower	Upper
117	100	
82	56.6	43.0 64.4
119	31.8	25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010579.D
Acq: 20 Sep 2022 16:47

Tgt Ion:152	Resp:	6935
Ion Ratio	Lower	Upper
152	100	
115	56.3	28.2 84.7
150	150.5	0.0 347.6





#95

Naphthalene

Concen: 32.338 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY010579.D

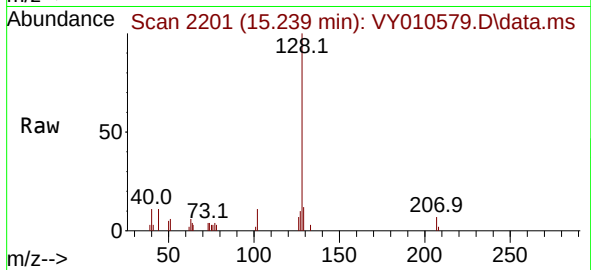
Acq: 20 Sep 2022 16:47

Instrument :

MSVOA_Y

ClientSampleId :

SB-22-7.5-8.0



Tgt Ion:	128	Resp:	7329
Ion	Ratio	Lower	Upper
128	100		
127	13.6	11.0	16.4
129	12.7	8.4	12.6#

