

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071922\
 Data File : VY009598.D
 Acq On : 19 Jul 2022 18:37
 Operator : KP/MD
 Sample : N3652-01
 Misc : 5.98g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SED-6-(12-18)

Quant Time: Jul 20 02:45:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 19 04:22:09 2022
 Response via : Initial Calibration

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

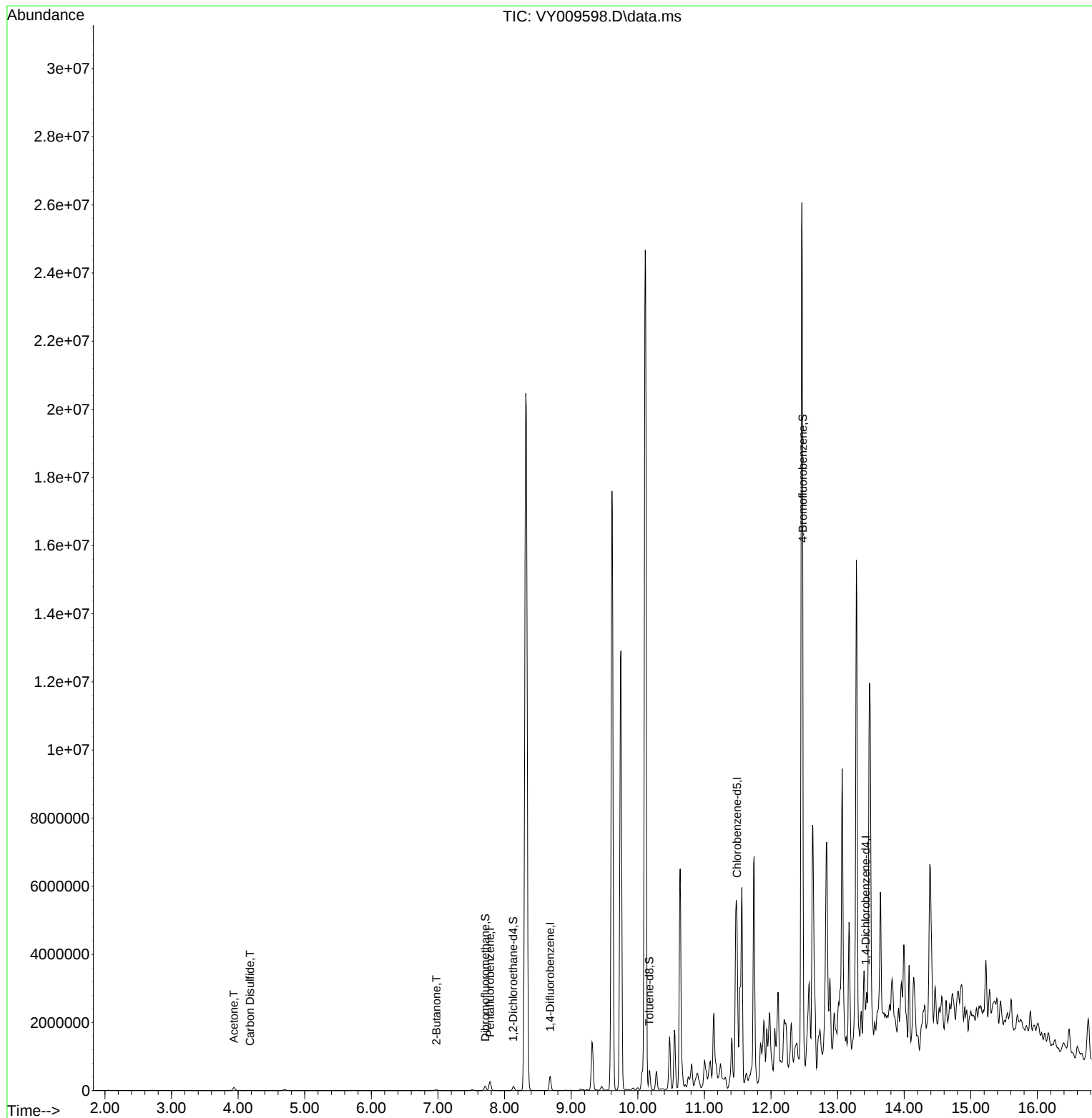
Internal Standards						
1) Pentafluorobenzene	7.783	168	225114	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	370218	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	366381	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	200724	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	96203	45.186	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.380%
35) Dibromofluoromethane	7.710	113	95186	40.811	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	81.620%
50) Toluene-d8	10.173	98	375080	41.832	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	83.660%
62) 4-Bromofluorobenzene	12.477	95	203994	70.213	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	140.420%
Target Compounds						
					Qvalue	
16) Acetone	3.936	43	156034	289.715	ug/l #	87
17) Carbon Disulfide	4.180	76	9760	1.517	ug/l	99
25) 2-Butanone	6.978	43	34436	43.833	ug/l	98

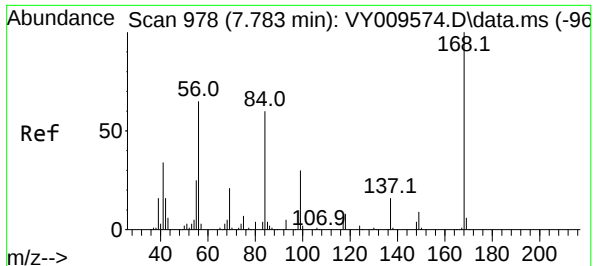
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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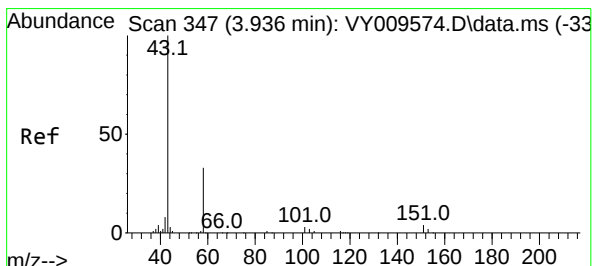
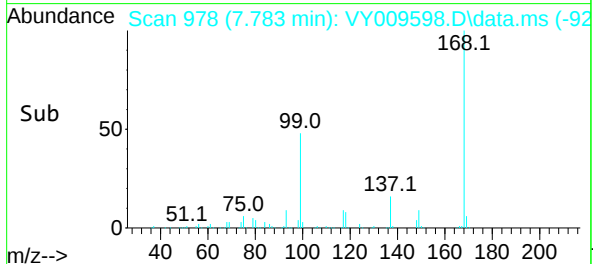
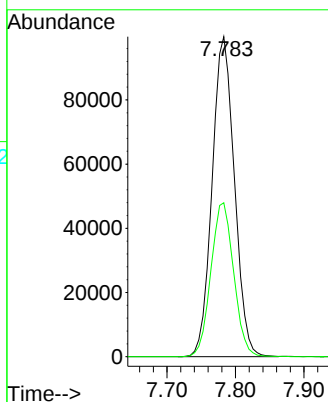
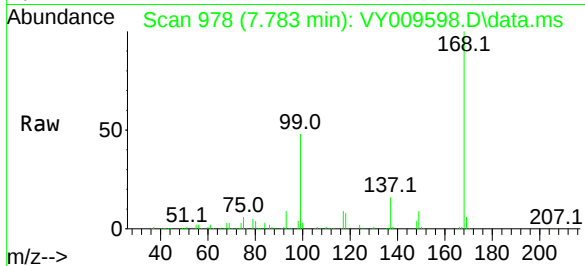




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009598.D
Acq: 19 Jul 2022 18:37

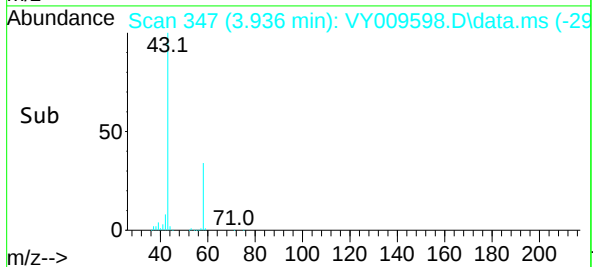
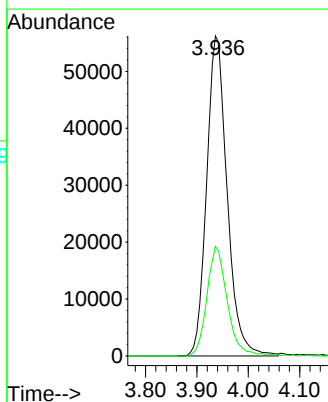
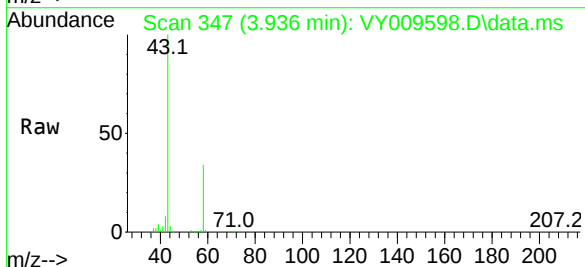
Instrument :
MSVOA_Y
ClientSampleId :
SED-6-(12-18)

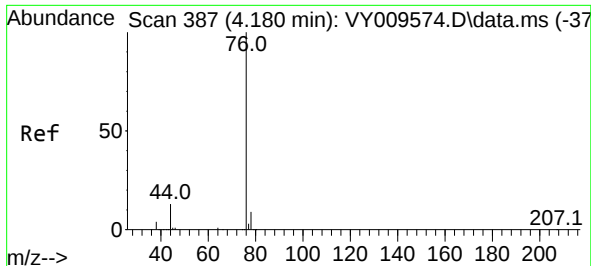
Tgt Ion:168 Resp: 225114
Ion Ratio Lower Upper
168 100
99 48.1 46.9 70.3



#16
Acetone
Concen: 289.715 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY009598.D
Acq: 19 Jul 2022 18:37

Tgt Ion: 43 Resp: 156034
Ion Ratio Lower Upper
43 100
58 34.2 22.0 33.0#

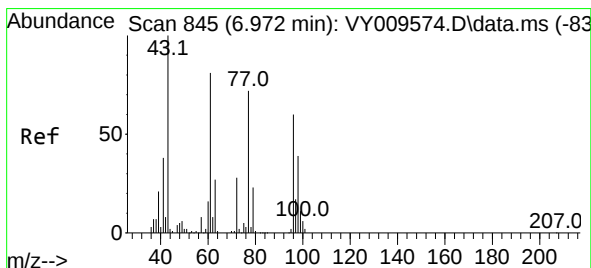
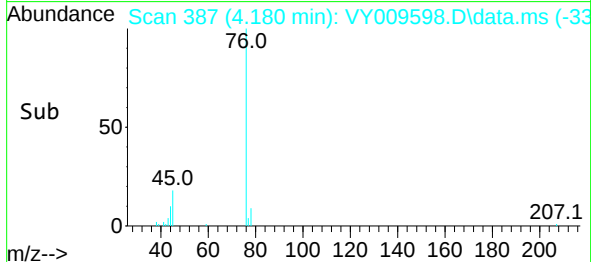
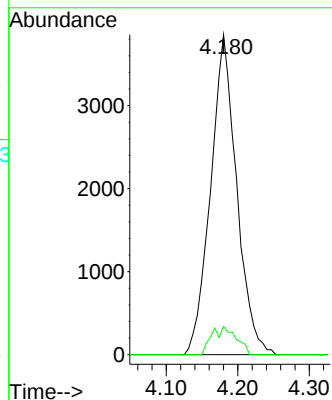
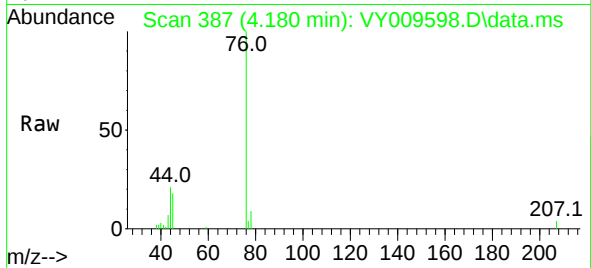




#17
Carbon Disulfide
Concen: 1.517 ug/l
RT: 4.180 min Scan# 387
Delta R.T. 0.000 min
Lab File: VY009598.D
Acq: 19 Jul 2022 18:37

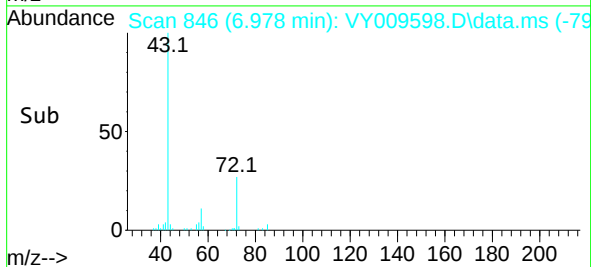
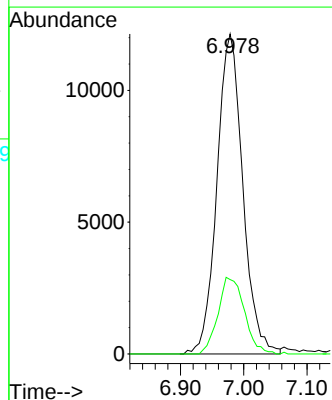
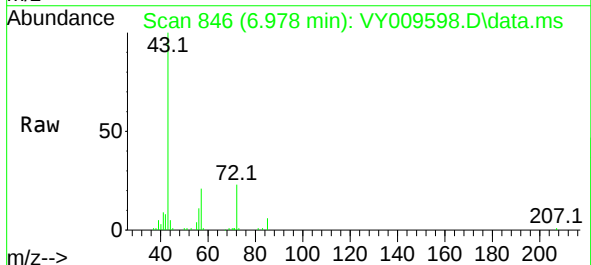
Instrument :
MSVOA_Y
ClientSampleId :
SED-6-(12-18)

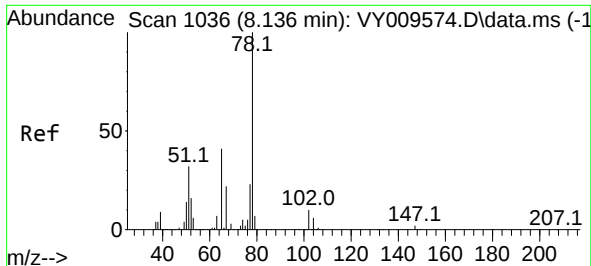
Tgt Ion: 76 Resp: 9760
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0



#25
2-Butanone
Concen: 43.833 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY009598.D
Acq: 19 Jul 2022 18:37

Tgt Ion: 43 Resp: 34436
Ion Ratio Lower Upper
43 100
72 23.2 17.7 26.5





#33

1,2-Dichloroethane-d4

Concen: 45.186 ug/l

RT: 8.130 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY009598.D

Acq: 19 Jul 2022 18:37

Instrument :

MSVOA_Y

ClientSampleId :

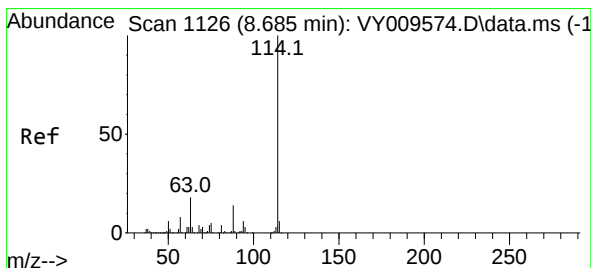
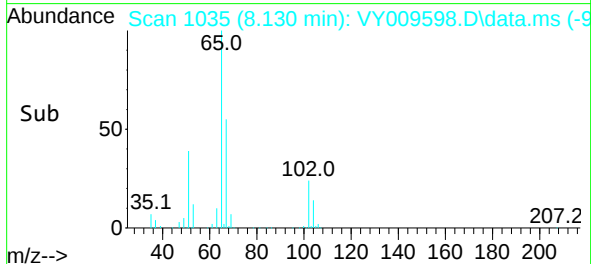
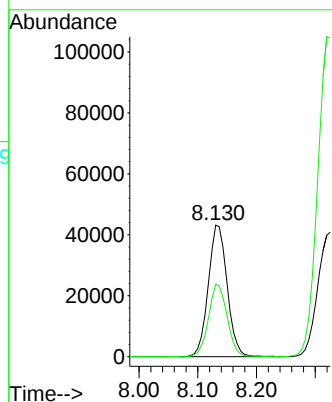
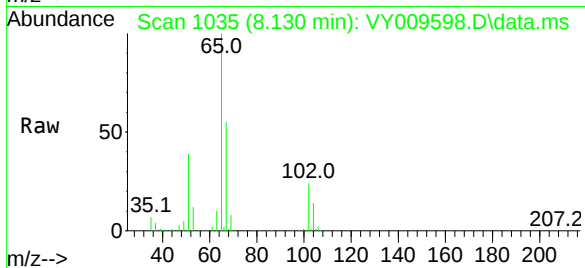
SED-6-(12-18)

Tgt Ion: 65 Resp: 96203

Ion Ratio Lower Upper

65 100

67 54.4 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: VY009598.D

Acq: 19 Jul 2022 18:37

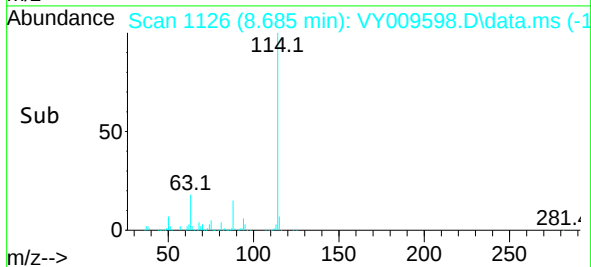
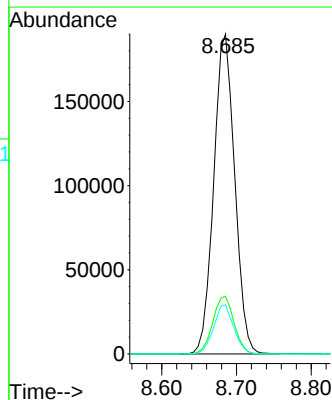
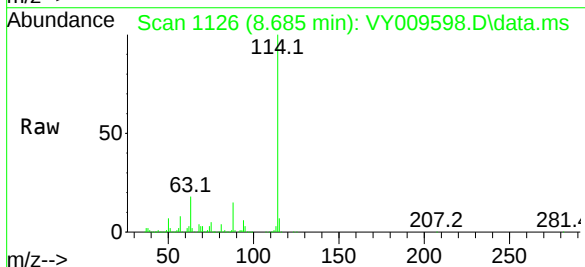
Tgt Ion: 114 Resp: 370218

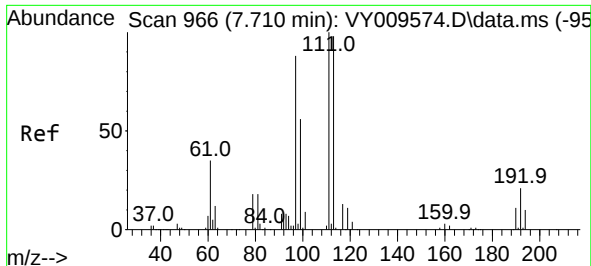
Ion Ratio Lower Upper

114 100

63 18.1 0.0 43.2

88 15.4 0.0 31.8

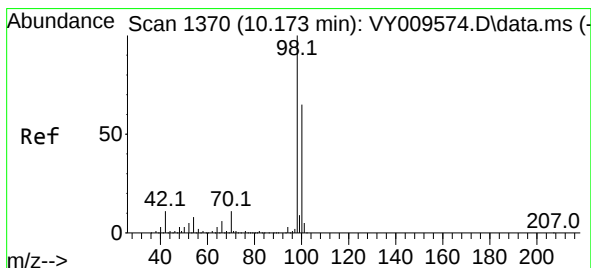
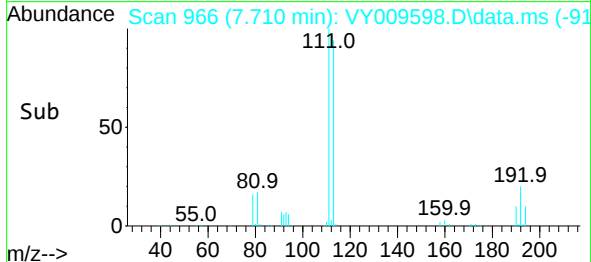
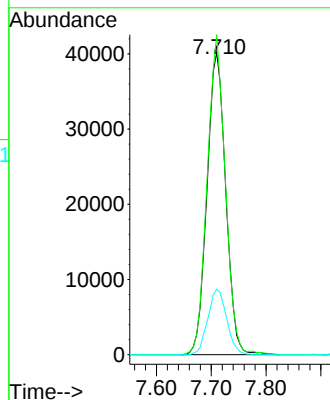
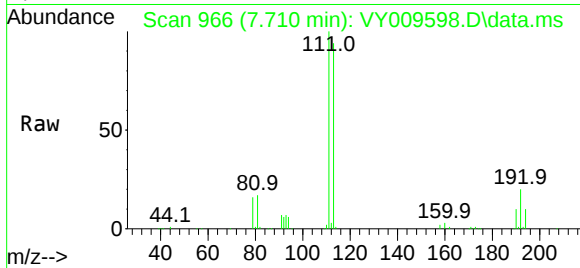




#35
Dibromofluoromethane
Concen: 40.811 ug/l
RT: 7.710 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY009598.D
Acq: 19 Jul 2022 18:37

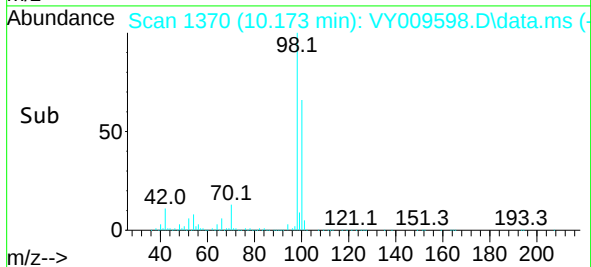
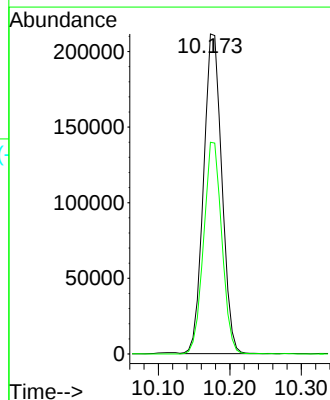
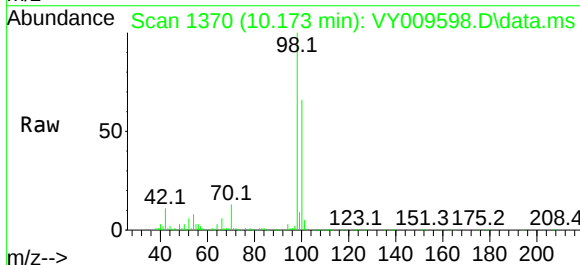
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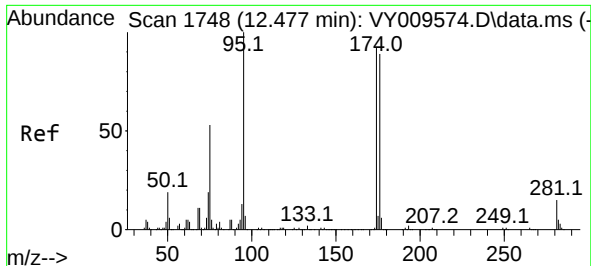
Tgt Ion:113 Resp: 95186
Ion Ratio Lower Upper
113 100
111 102.9 82.6 124.0
192 21.8 17.6 26.4



#50
Toluene-d8
Concen: 41.832 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.000 min
Lab File: VY009598.D
Acq: 19 Jul 2022 18:37

Tgt Ion: 98 Resp: 375080
Ion Ratio Lower Upper
98 100
100 66.0 50.2 75.2

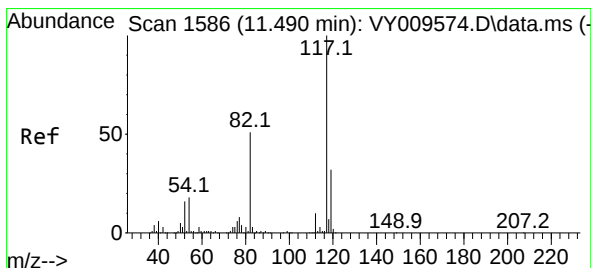
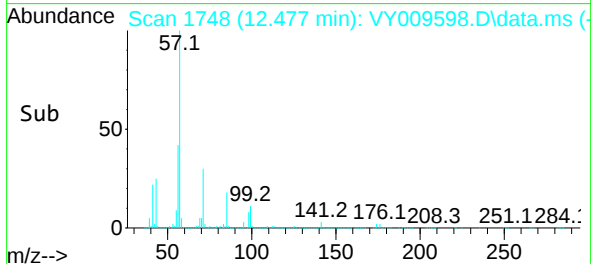
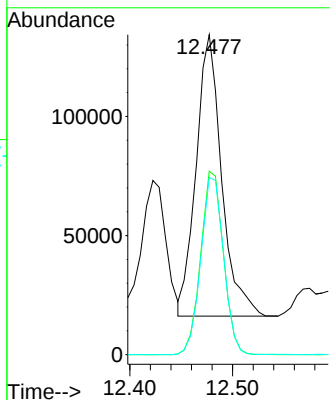
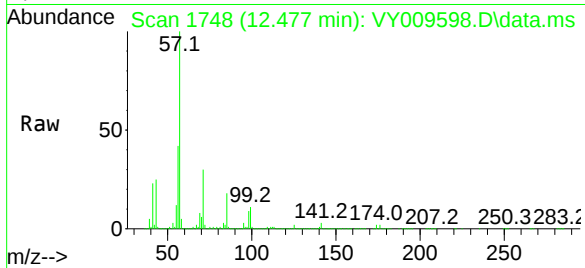




#62
4-Bromofluorobenzene
Concen: 70.213 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009598.D
Acq: 19 Jul 2022 18:37

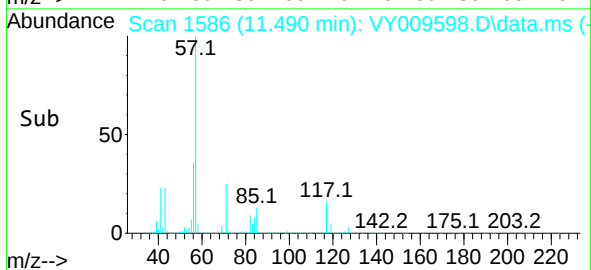
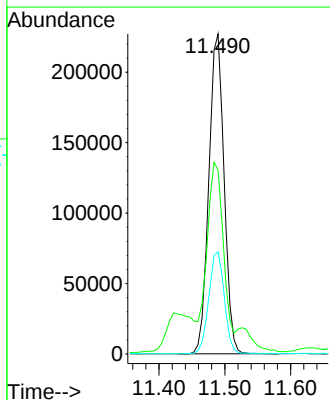
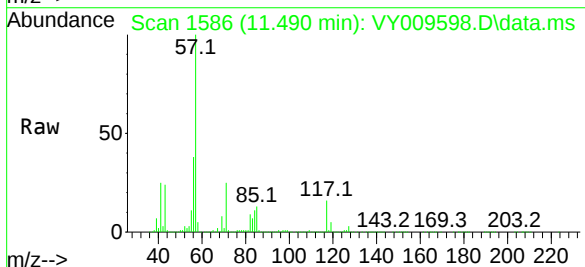
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SED-6-(12-18)

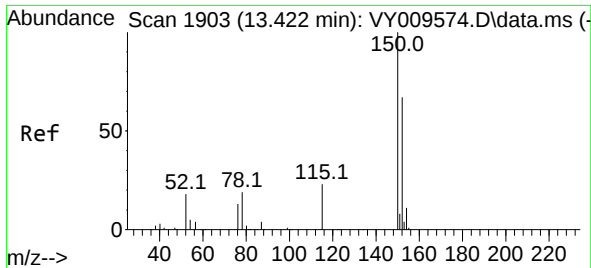
Tgt Ion: 95 Resp: 203994
Ion Ratio Lower Upper
95 100
174 58.0 0.0 177.0
176 56.5 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY009598.D
Acq: 19 Jul 2022 18:37

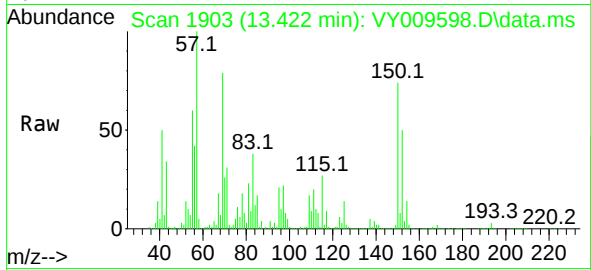
Tgt Ion: 117 Resp: 366381
Ion Ratio Lower Upper
117 100
82 56.7 43.0 64.4
119 31.9 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY009598.D
 Acq: 19 Jul 2022 18:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 SED-6-(12-18)



Tgt Ion:	152	Resp:	200724
Ion Ratio	Lower	Upper	
152	100		
115	45.4	28.2	84.7
150	127.0	0.0	347.6

