

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071922\
 Data File : VY009602.D
 Acq On : 19 Jul 2022 20:10
 Operator : KP/MD
 Sample : N3652-05
 Misc : 7.39g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SED-3-(6-12)

Quant Time: Jul 20 02:46:15 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)

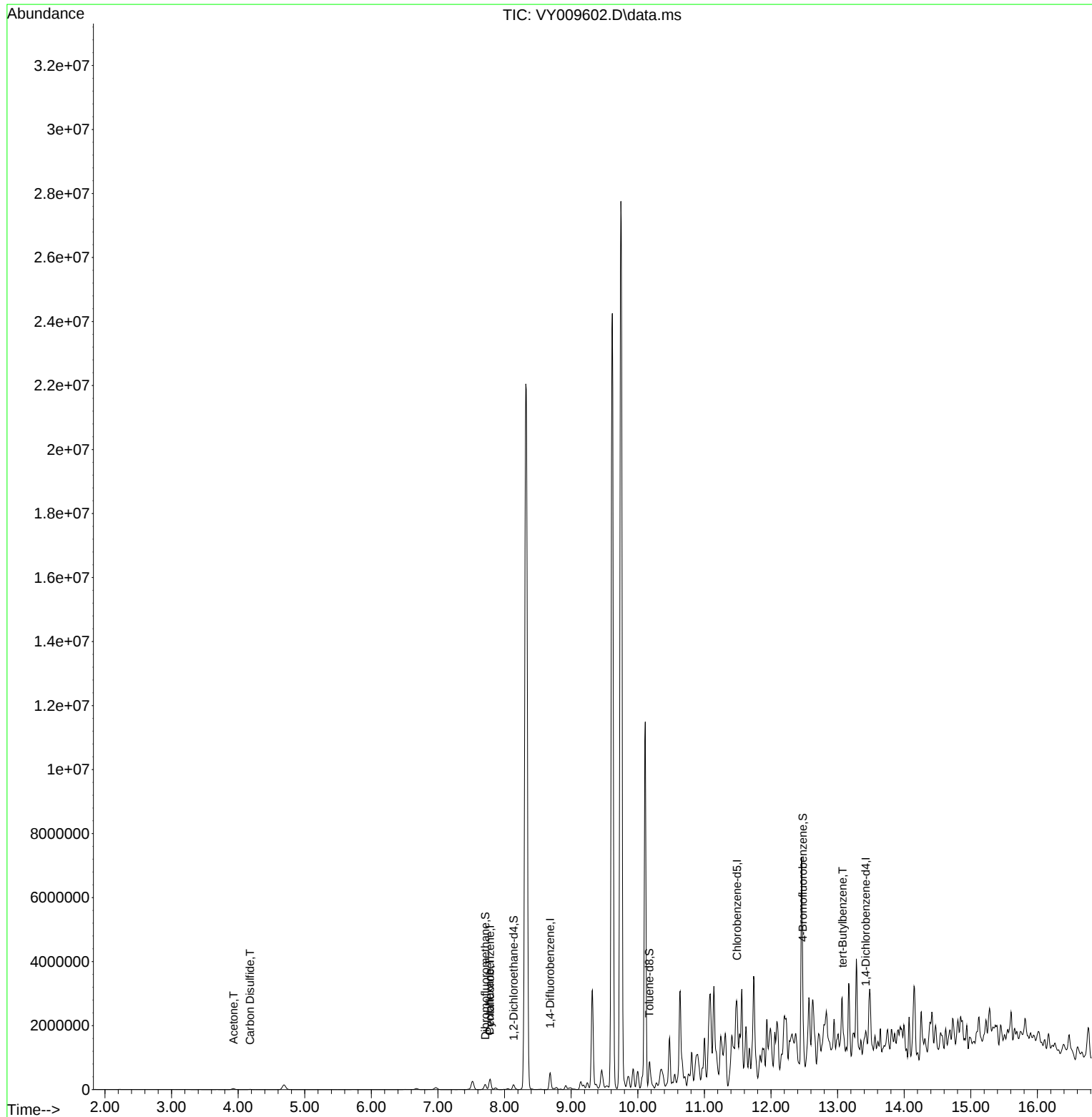
Internal Standards						
1) Pentafluorobenzene	7.783	168	271565	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	446700	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	444445	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	225490	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	116716	45.444	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.880%
35) Dibromofluoromethane	7.710	113	114786	40.788	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	81.580%
50) Toluene-d8	10.173	98	452396	41.817	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	83.640%
62) 4-Bromofluorobenzene	12.477	95	287371	81.976	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	163.960%#
Target Compounds						
					Qvalue	
16) Acetone	3.930	43	26420	40.664	ug/l #	77
17) Carbon Disulfide	4.180	76	16190	2.085	ug/l	97
31) Cyclohexane	7.777	56	7934	1.752	ug/l #	14
83) tert-Butylbenzene	13.075	119	11838	1.033	ug/l	92

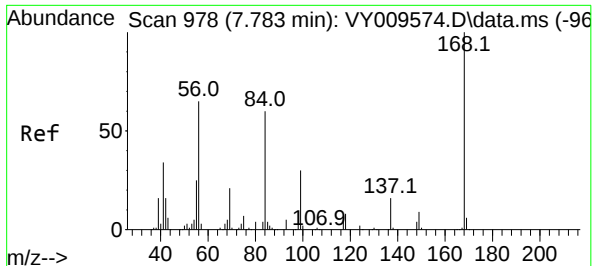
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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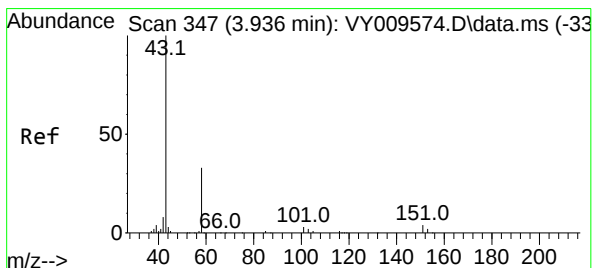
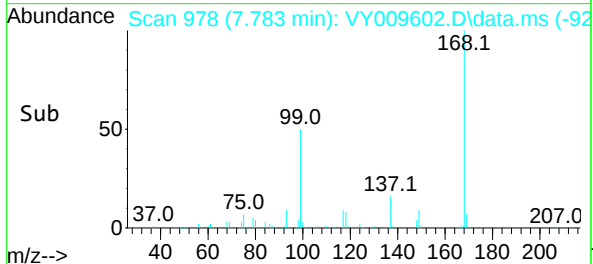
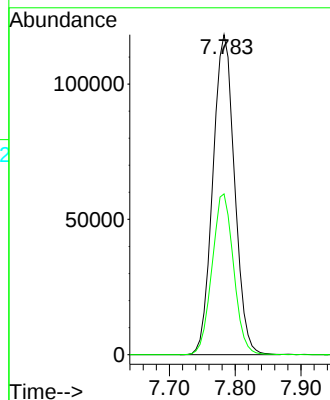
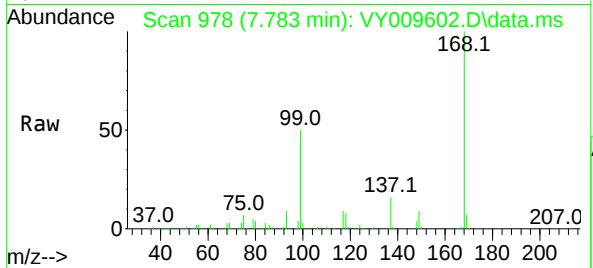




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009602.D
Acq: 19 Jul 2022 20:10

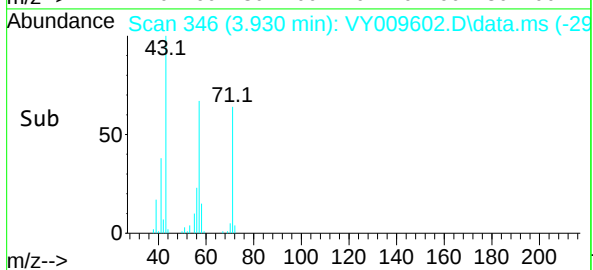
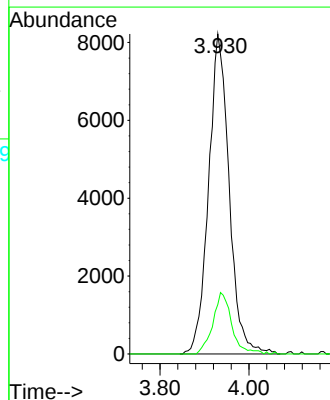
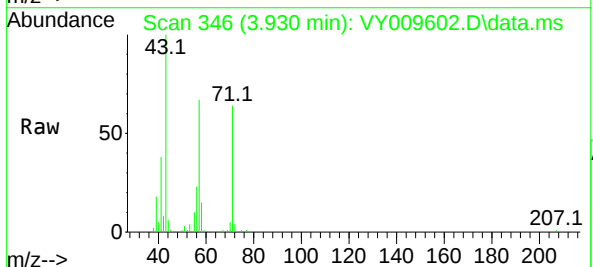
Instrument :
MSVOA_Y
ClientSampleId :
SED-3-(6-12)

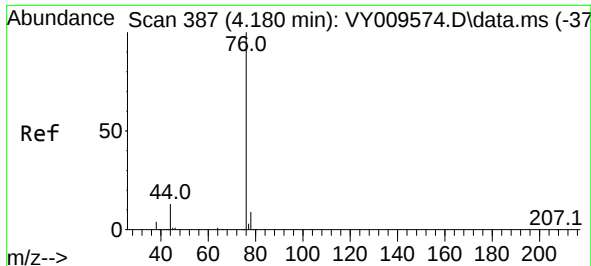
Tgt Ion:168 Resp: 271565
Ion Ratio Lower Upper
168 100
99 50.2 46.9 70.3



#16
Acetone
Concen: 40.664 ug/l
RT: 3.930 min Scan# 346
Delta R.T. -0.006 min
Lab File: VY009602.D
Acq: 19 Jul 2022 20:10

Tgt Ion: 43 Resp: 26420
Ion Ratio Lower Upper
43 100
58 15.5 22.0 33.0#

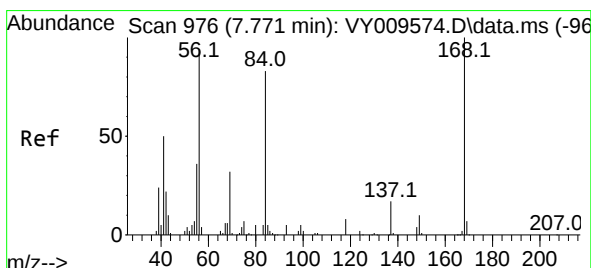
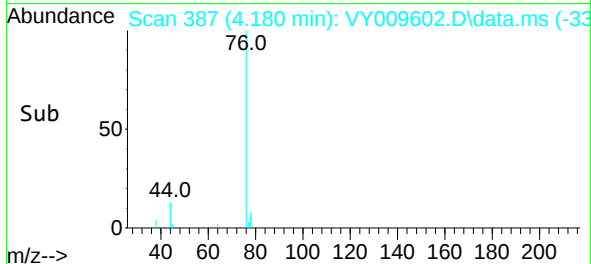
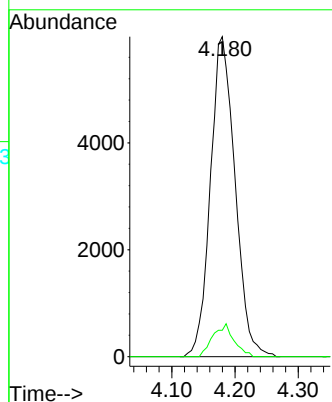
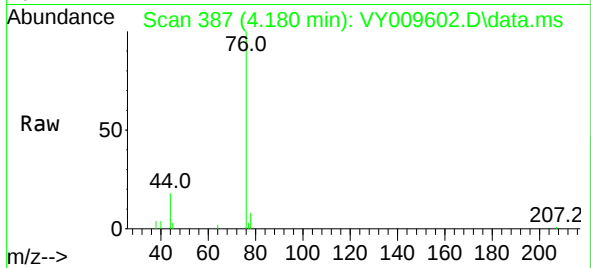




#17
Carbon Disulfide
Concen: 2.085 ug/l
RT: 4.180 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY009602.D
Acq: 19 Jul 2022 20:10

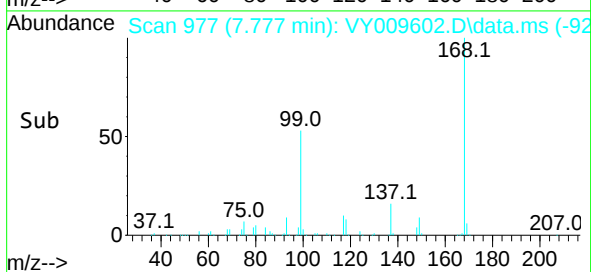
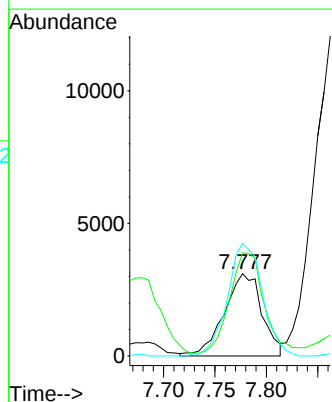
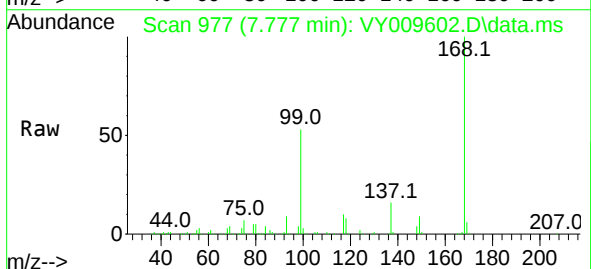
Instrument :
MSVOA_Y
ClientSampleId :
SED-3-(6-12)

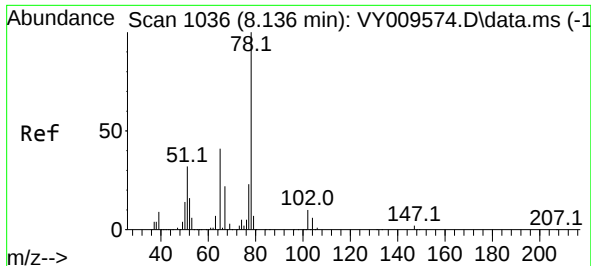
Tgt Ion: 76 Resp: 16190
Ion Ratio Lower Upper
76 100
78 8.3 7.4 11.0



#31
Cyclohexane
Concen: 1.752 ug/l
RT: 7.777 min Scan# 977
Delta R.T. 0.006 min
Lab File: VY009602.D
Acq: 19 Jul 2022 20:10

Tgt Ion: 56 Resp: 7934
Ion Ratio Lower Upper
56 100
69 116.0 26.7 40.1#
84 141.1 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 45.444 ug/l

RT: 8.137 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY009602.D

Acq: 19 Jul 2022 20:10

Instrument :

MSVOA_Y

ClientSampleId :

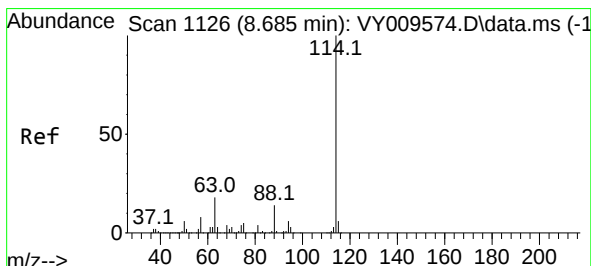
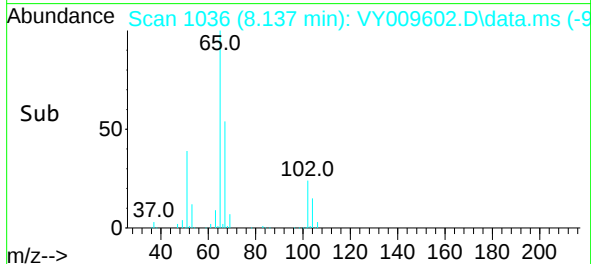
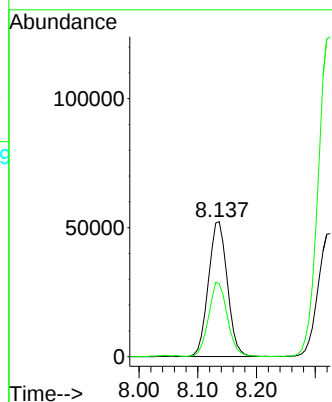
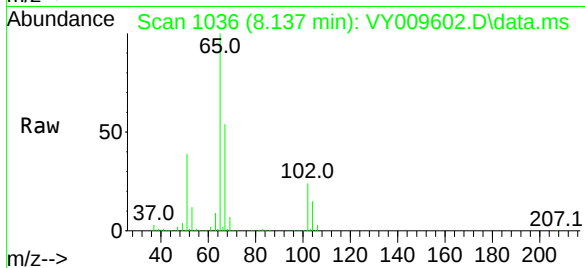
SED-3-(6-12)

Tgt Ion: 65 Resp: 116716

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: VY009602.D

Acq: 19 Jul 2022 20:10

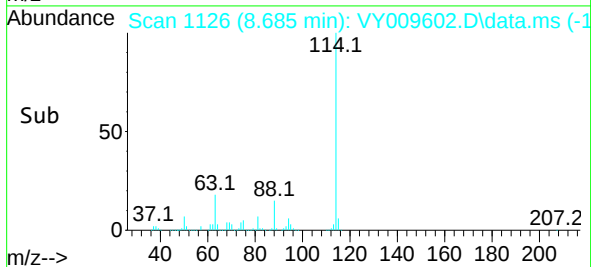
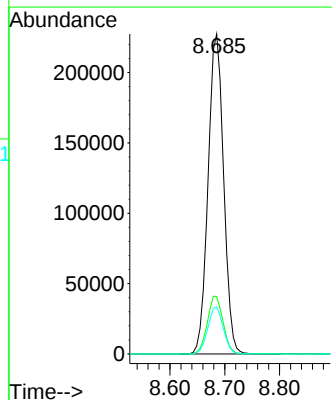
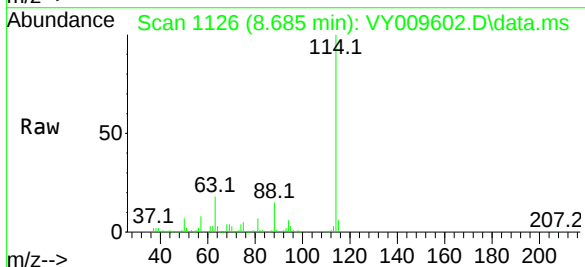
Tgt Ion: 114 Resp: 446700

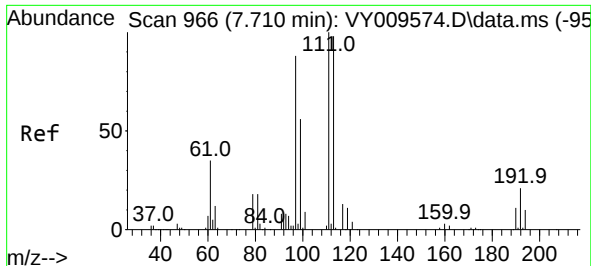
Ion Ratio Lower Upper

114 100

63 17.9 0.0 43.2

88 14.7 0.0 31.8

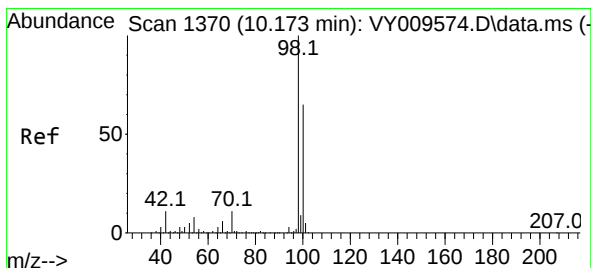
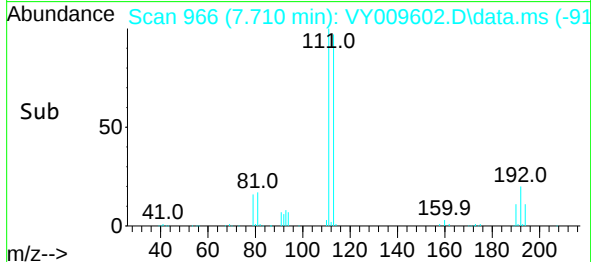
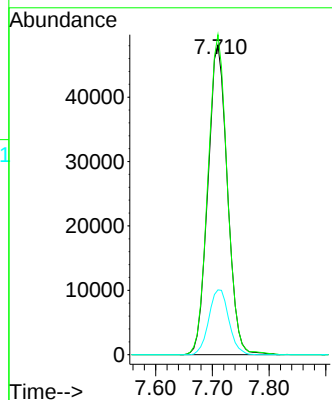
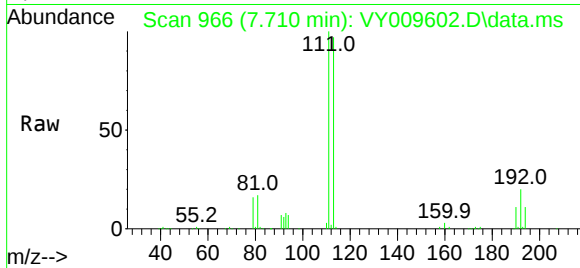




#35
Dibromofluoromethane
Concen: 40.788 ug/l
RT: 7.710 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY009602.D
Acq: 19 Jul 2022 20:10

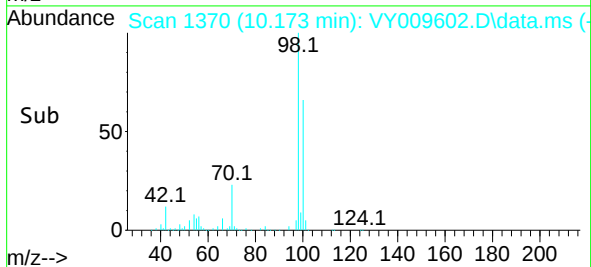
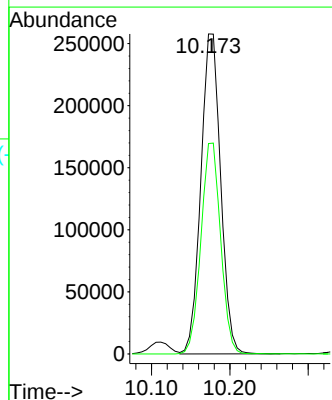
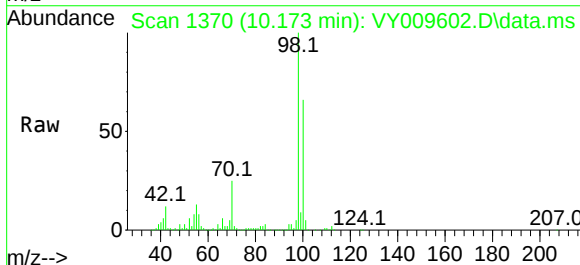
Instrument :
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SED-3-(6-12)

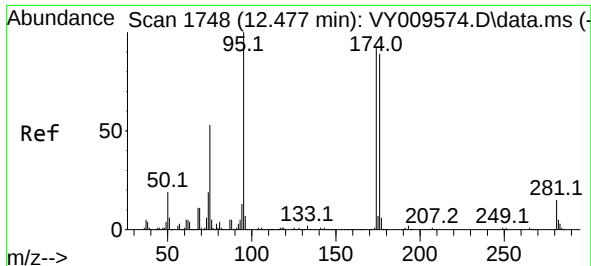
Tgt Ion:113 Resp: 114786
Ion Ratio Lower Upper
113 100
111 102.4 82.6 124.0
192 21.4 17.6 26.4



#50
Toluene-d8
Concen: 41.817 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.000 min
Lab File: VY009602.D
Acq: 19 Jul 2022 20:10

Tgt Ion: 98 Resp: 452396
Ion Ratio Lower Upper
98 100
100 65.6 50.2 75.2

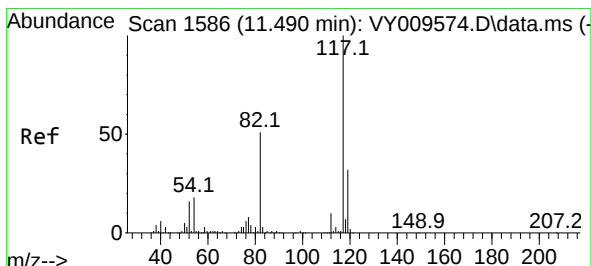
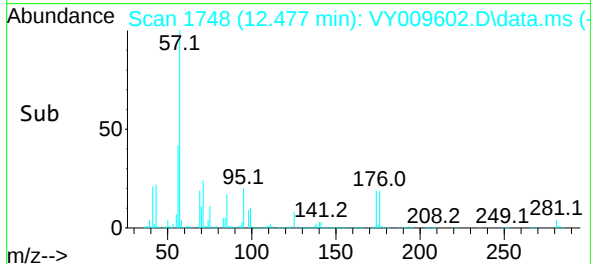
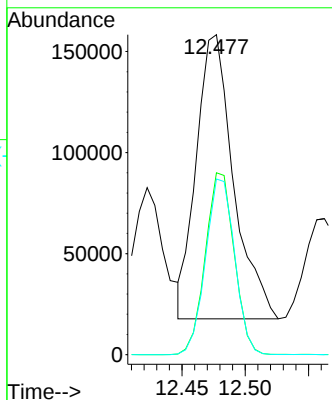
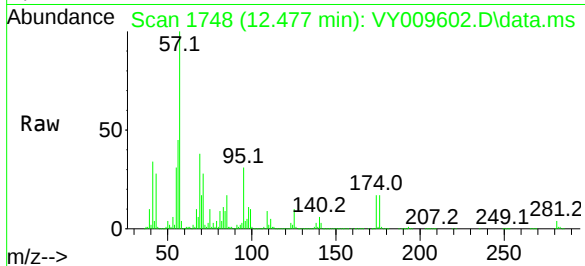




#62
4-Bromofluorobenzene
Concen: 81.976 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009602.D
Acq: 19 Jul 2022 20:10

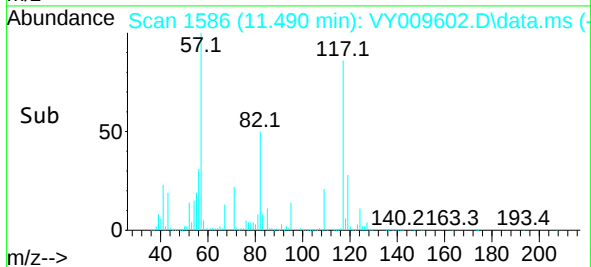
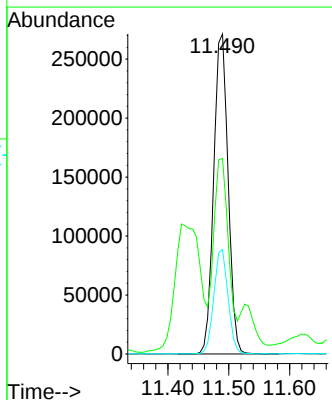
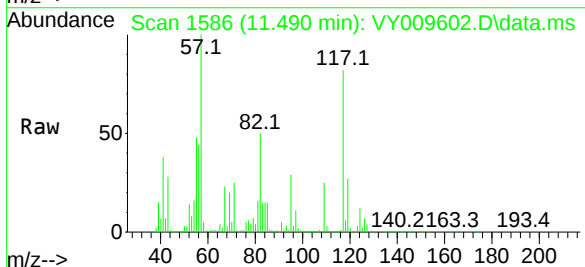
Instrument :
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SED-3-(6-12)

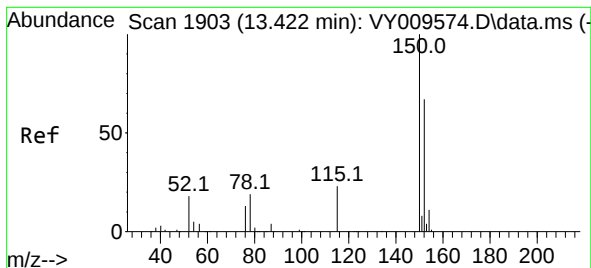
Tgt Ion: 95 Resp: 287371
Ion Ratio Lower Upper
95 100
174 49.8 0.0 177.0
176 48.4 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY009602.D
Acq: 19 Jul 2022 20:10

Tgt Ion: 117 Resp: 444445
Ion Ratio Lower Upper
117 100
82 57.9 43.0 64.4
119 32.6 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: VY009602.D

Acq: 19 Jul 2022 20:10

Instrument :

MSVOA_Y

ClientSampleId :

SED-3-(6-12)

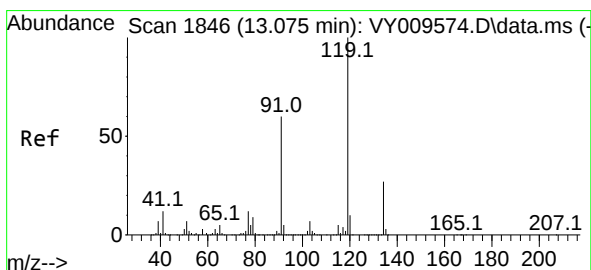
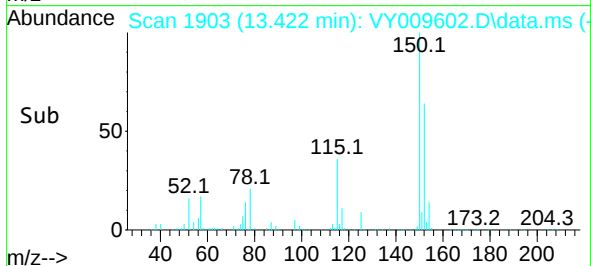
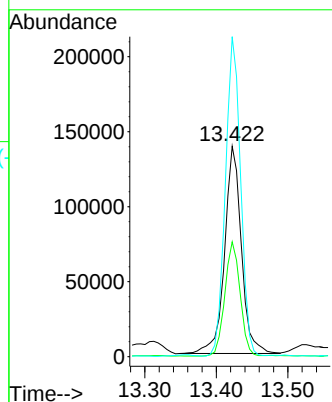
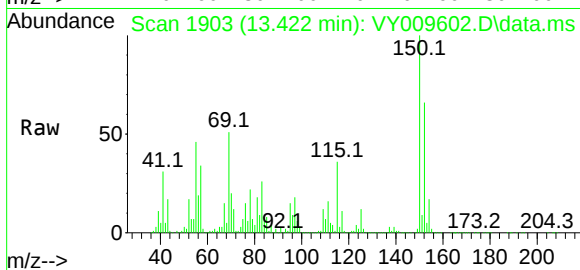
Tgt Ion:152 Resp: 225490

Ion Ratio Lower Upper

152 100

115 50.0 28.2 84.7

150 139.7 0.0 347.6



#83

tert-Butylbenzene

Concen: 1.033 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY009602.D

Acq: 19 Jul 2022 20:10

Tgt Ion:119 Resp: 11838

Ion Ratio Lower Upper

119 100

91 76.6 34.8 104.4

134 29.3 13.3 39.9

