

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102522\
 Data File : VY011099.D
 Acq On : 25 Oct 2022 17:12
 Operator : KP/MD
 Sample : N5256-09
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-N2-13.5-14.0

Quant Time: Oct 26 09:00:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:42:42 2022
 Response via : Initial Calibration

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

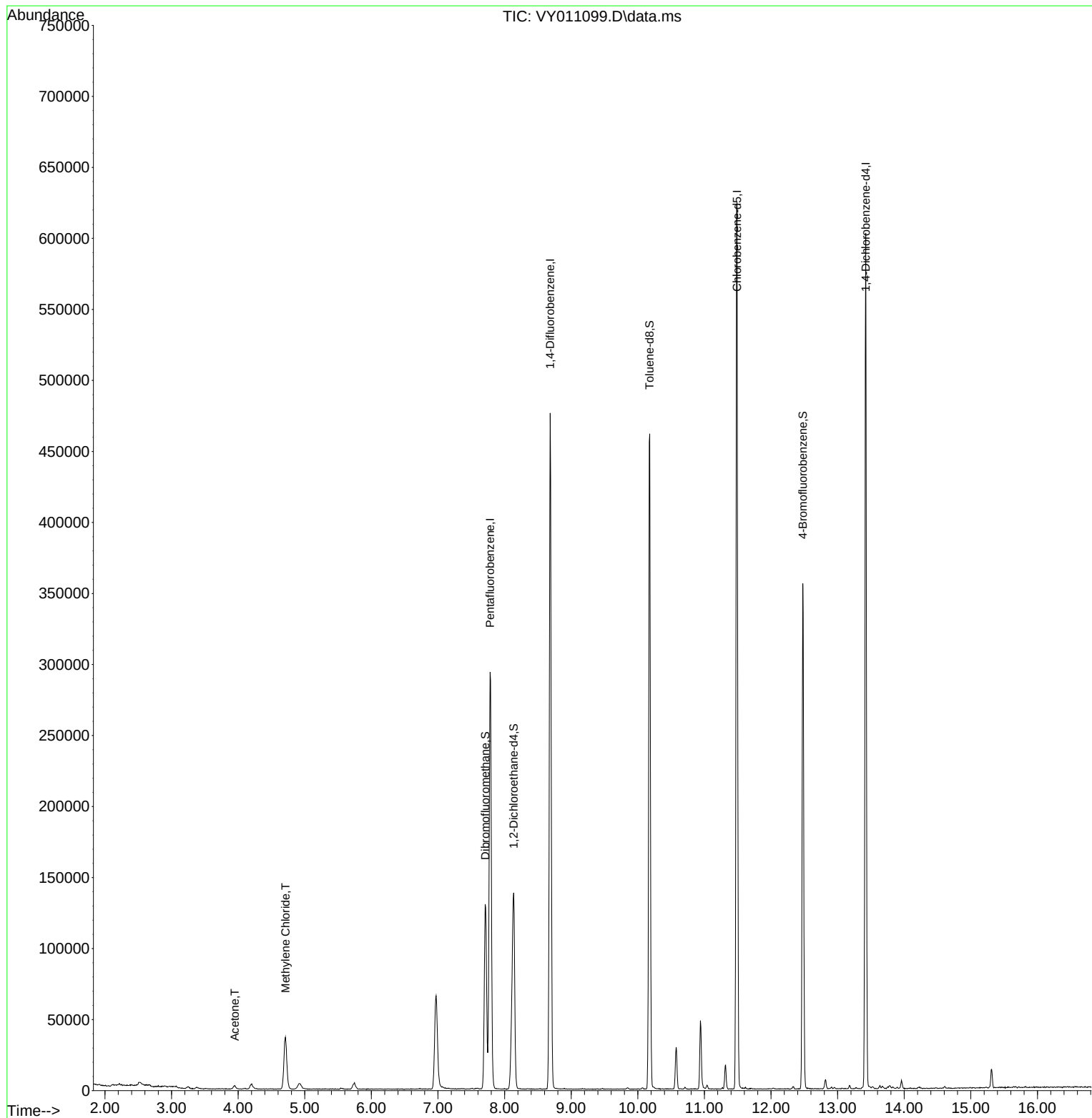
Internal Standards						
1) Pentafluorobenzene	7.783	168	234844	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	405346	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	362281	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	152948	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	92443	42.733	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.460%
35) Dibromofluoromethane	7.710	113	96898	42.564	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.120%
50) Toluene-d8	10.179	98	316074	37.345	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	74.680%
62) 4-Bromofluorobenzene	12.477	95	106491	34.572	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	69.140%
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	4239	6.748	ug/l	94
20) Methylene Chloride	4.710	84	28360	4.626	ug/l #	83

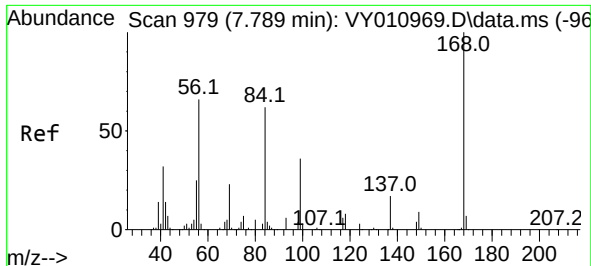
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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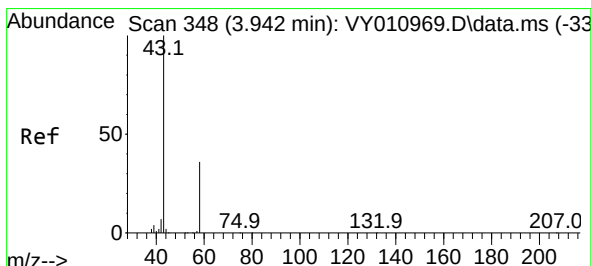
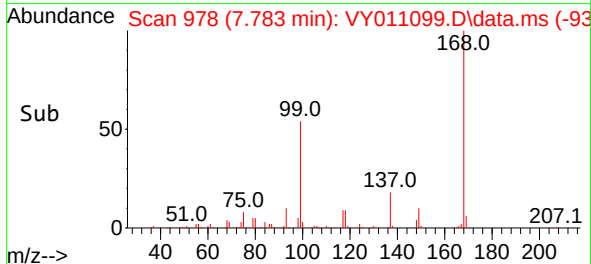
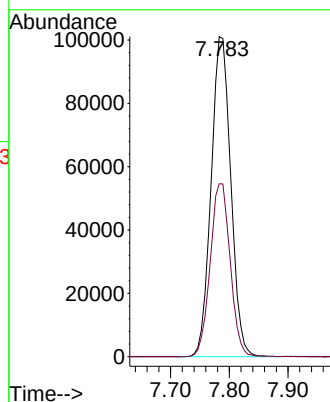
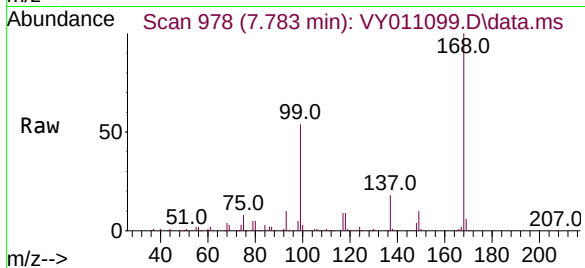




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011099.D
Acq: 25 Oct 2022 17:12

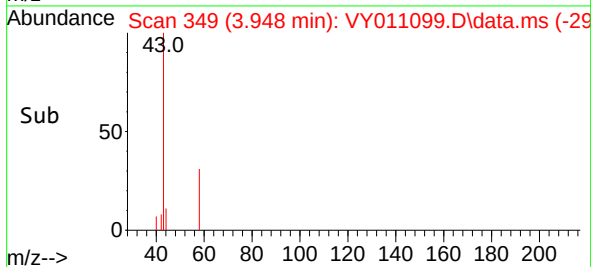
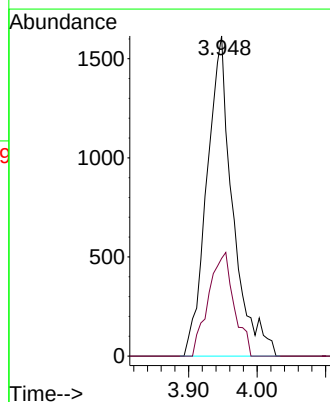
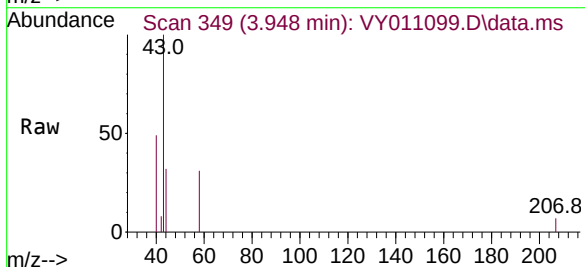
Instrument :
MSVOA_Y
ClientSampleId :
SB-N2-13.5-14.0

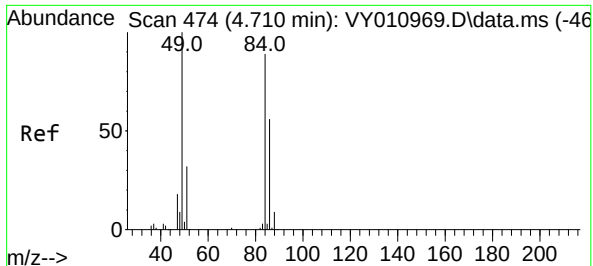
Tgt Ion:168 Resp: 234844
Ion Ratio Lower Upper
168 100
99 54.1 46.9 70.3



#16
Acetone
Concen: 6.748 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY011099.D
Acq: 25 Oct 2022 17:12

Tgt Ion: 43 Resp: 4239
Ion Ratio Lower Upper
43 100
58 30.5 22.0 33.0

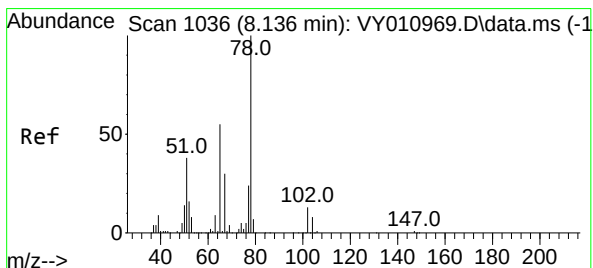
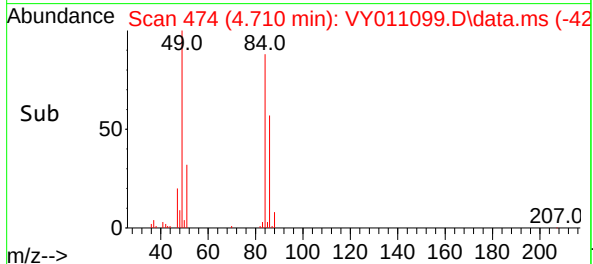
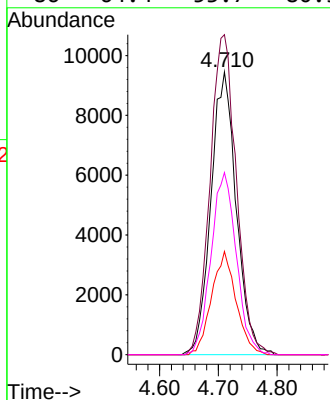
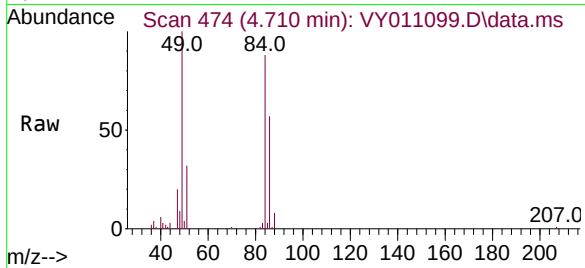




#20
Methylene Chloride
Concen: 4.626 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY011099.D
Acq: 25 Oct 2022 17:12

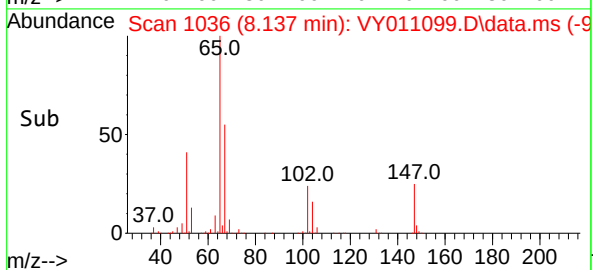
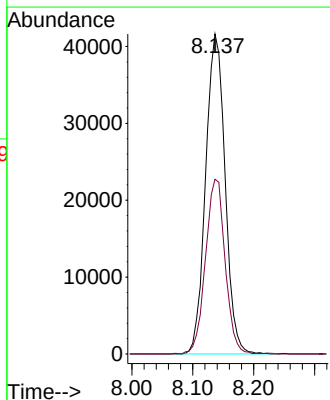
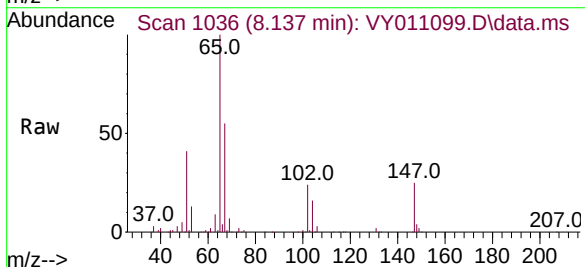
Instrument :
MSVOA_Y
ClientSampleId :
SB-N2-13.5-14.0

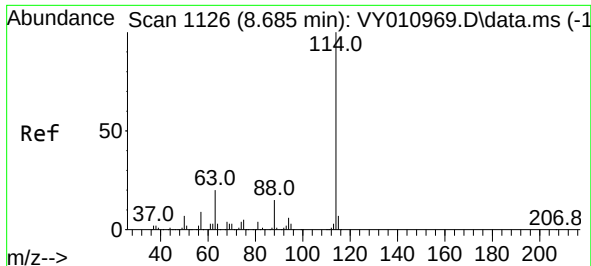
Tgt Ion: 84 Resp: 28360
Ion Ratio Lower Upper
84 100
49 113.2 114.4 171.6#
51 36.5 35.3 52.9
86 64.4 53.7 80.5



#33
1,2-Dichloroethane-d4
Concen: 42.733 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY011099.D
Acq: 25 Oct 2022 17:12

Tgt Ion: 65 Resp: 92443
Ion Ratio Lower Upper
65 100
67 55.2 0.0 99.4

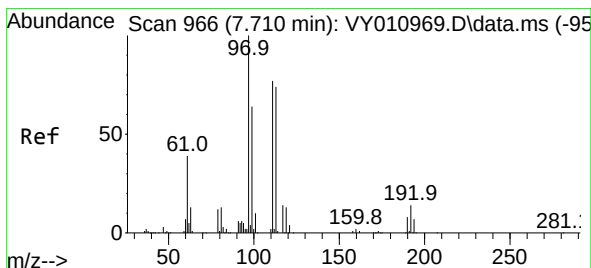
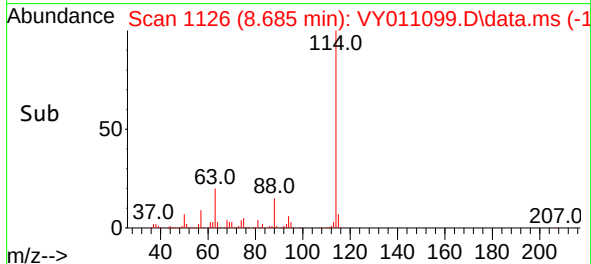
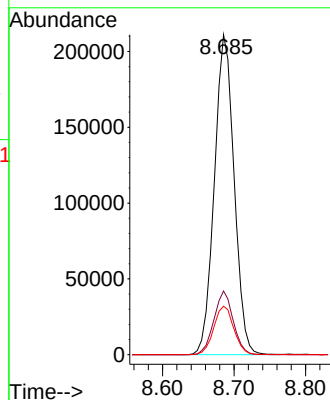
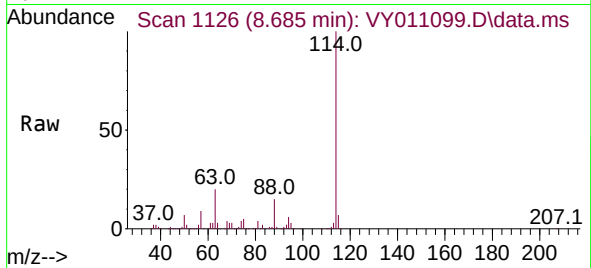




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY011099.D
Acq: 25 Oct 2022 17:12

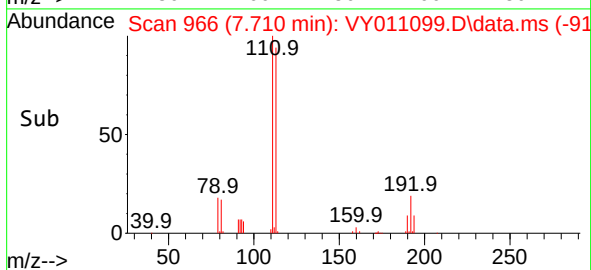
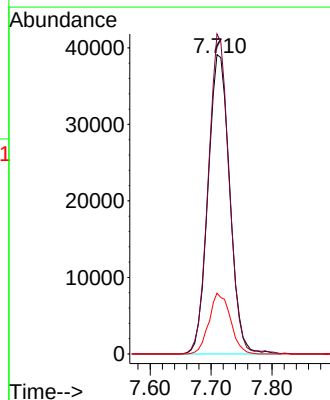
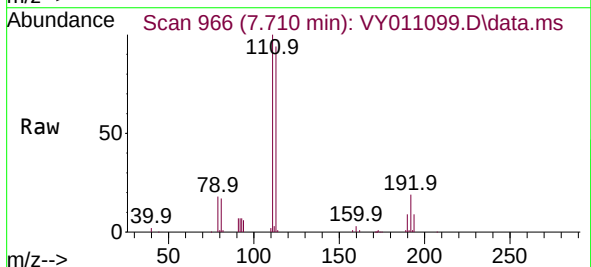
Instrument :
MSVOA_Y
ClientSampleId :
SB-N2-13.5-14.0

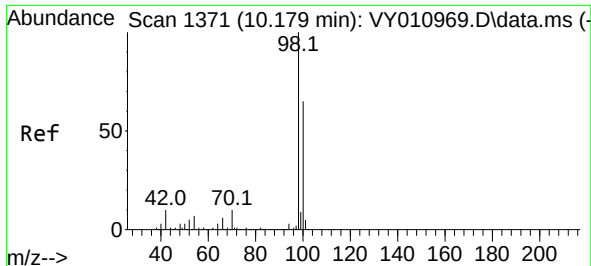
Tgt Ion:114 Resp: 405346
Ion Ratio Lower Upper
114 100
63 19.9 0.0 43.2
88 15.1 0.0 31.8



#35
Dibromofluoromethane
Concen: 42.564 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY011099.D
Acq: 25 Oct 2022 17:12

Tgt Ion:113 Resp: 96898
Ion Ratio Lower Upper
113 100
111 102.9 82.6 124.0
192 20.0 17.6 26.4

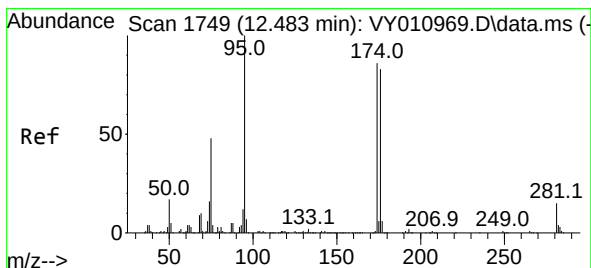
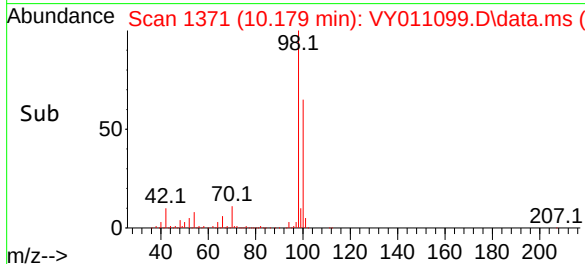
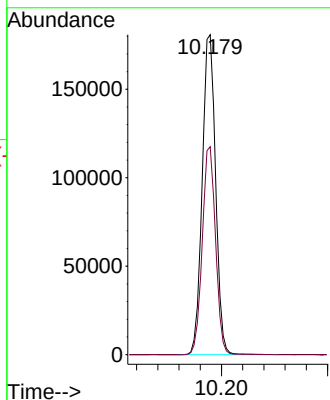
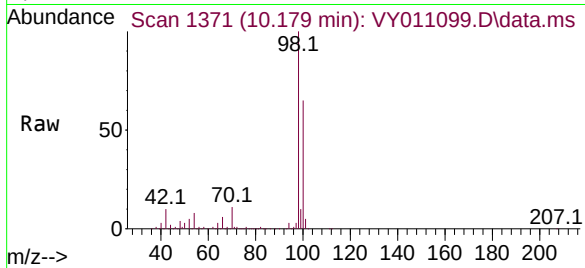




#50
Toluene-d8
Concen: 37.345 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011099.D
Acq: 25 Oct 2022 17:12

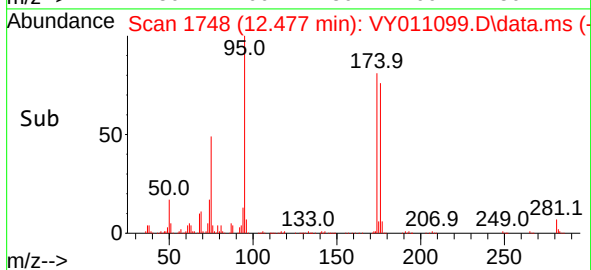
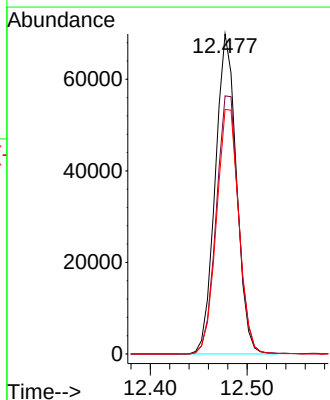
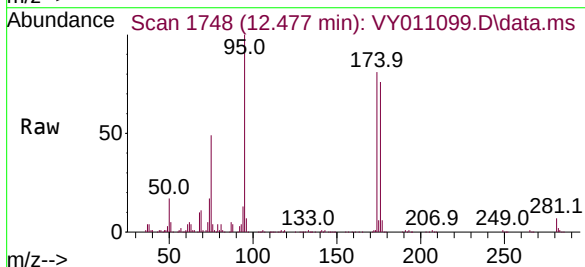
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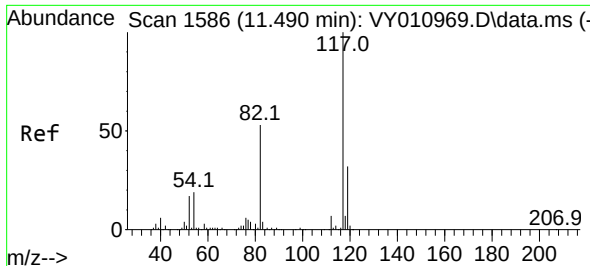
Tgt Ion: 98 Resp: 316074
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 34.572 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011099.D
Acq: 25 Oct 2022 17:12

Tgt Ion: 95 Resp: 106491
Ion Ratio Lower Upper
95 100
174 84.6 0.0 177.0
176 80.8 0.0 175.8

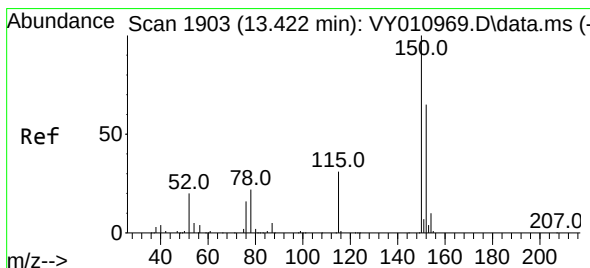
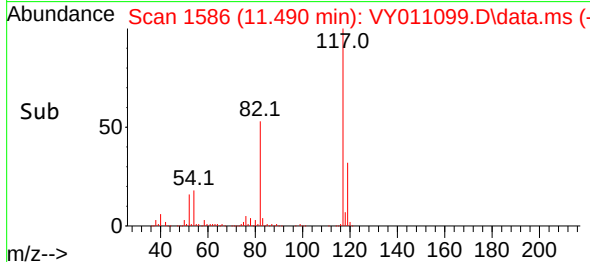
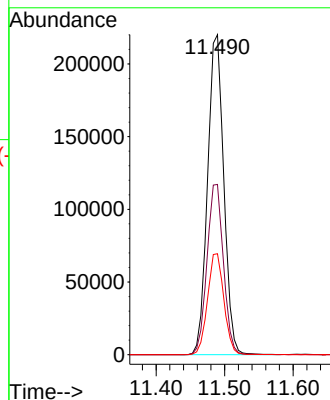
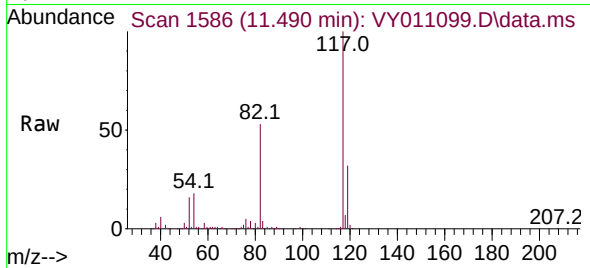




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY011099.D
Acq: 25 Oct 2022 17:12

Instrument :
MSVOA_Y
ClientSampleId :
SB-N2-13.5-14.0

Tgt Ion:117 Resp: 362281
Ion Ratio Lower Upper
117 100
82 53.2 43.0 64.4
119 31.5 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: VY011099.D
Acq: 25 Oct 2022 17:12

Tgt Ion:152 Resp: 152948
Ion Ratio Lower Upper
152 100
115 58.4 28.2 84.7
150 158.0 0.0 347.6

