

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072222\
 Data File : VY009669.D
 Acq On : 22 Jul 2022 18:57
 Operator : KP/MD
 Sample : N3836-02
 Misc : 5.75g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2

Quant Time: Jul 23 00:55:51 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)

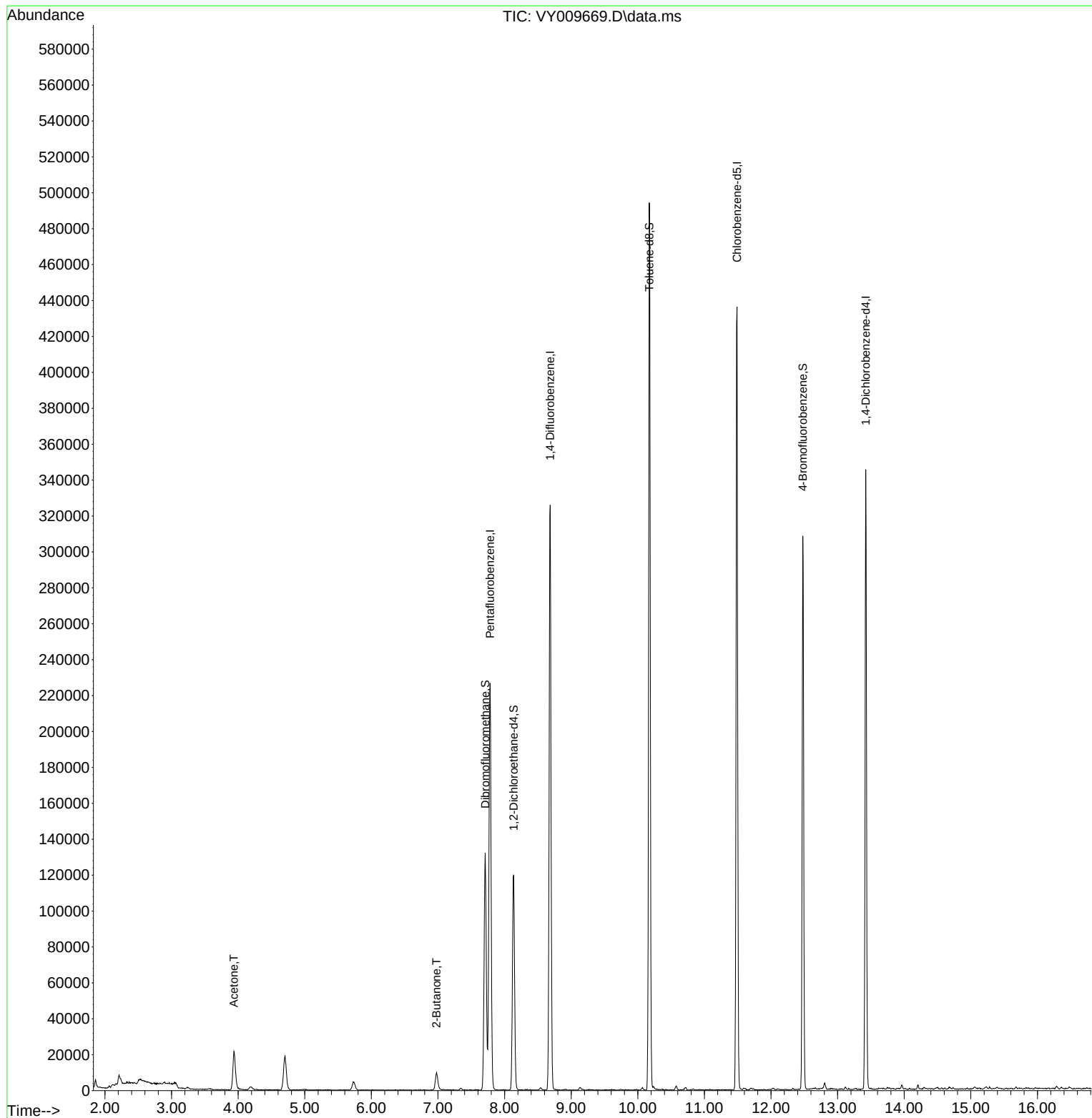
Internal Standards						
1) Pentafluorobenzene	7.782	168	190279	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	289719	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	251109	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	92077	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	94157	52.322	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.640%
35) Dibromofluoromethane	7.709	113	90606	49.641	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.280%
50) Toluene-d8	10.172	98	326269	46.499	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	93.000%
62) 4-Bromofluorobenzene	12.477	95	89971	39.572	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	79.140%
Target Compounds						
16) Acetone	3.936	43	37550	82.485	ug/l	Qvalue 90
25) 2-Butanone	6.978	43	15808	23.806	ug/l	# 87

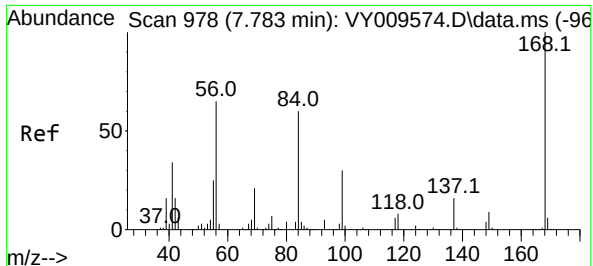
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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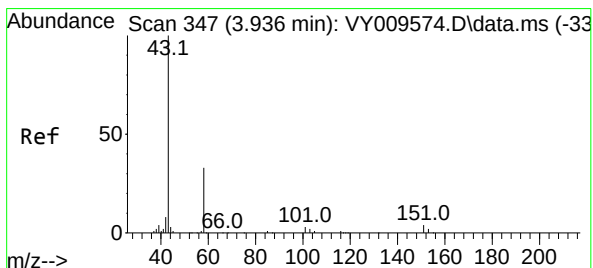
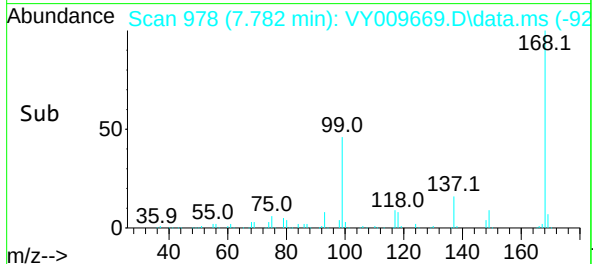
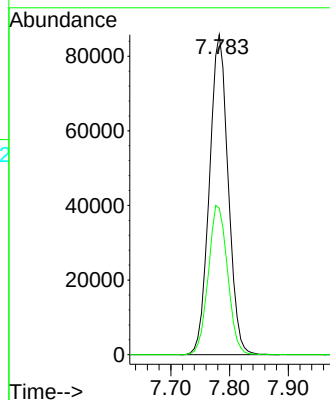
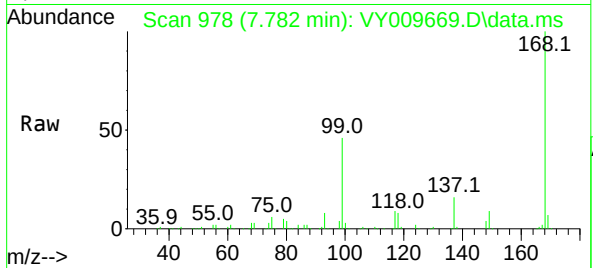




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY009669.D
Acq: 22 Jul 2022 18:57

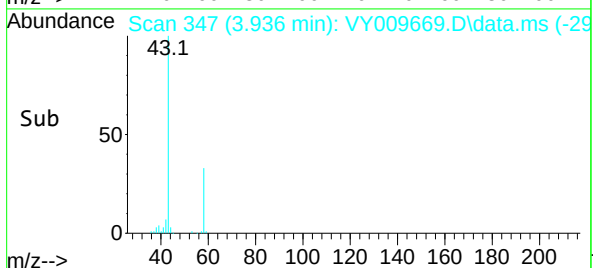
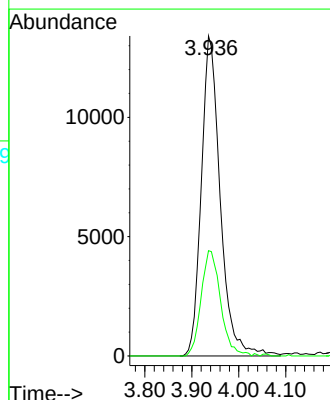
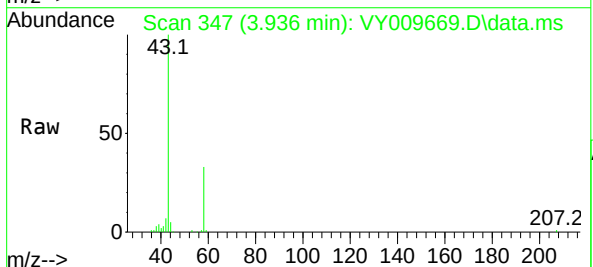
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

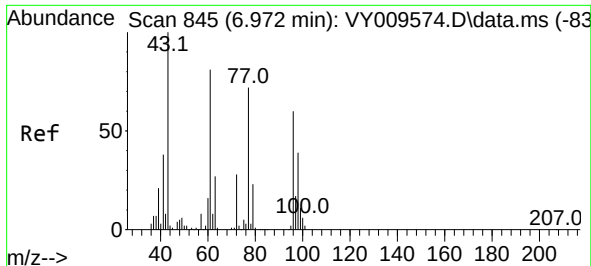
Tgt Ion:168 Resp: 190279
Ion Ratio Lower Upper
168 100
99 45.8 46.9 70.3#



#16
Acetone
Concen: 82.485 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY009669.D
Acq: 22 Jul 2022 18:57

Tgt Ion: 43 Resp: 37550
Ion Ratio Lower Upper
43 100
58 32.9 22.0 33.0

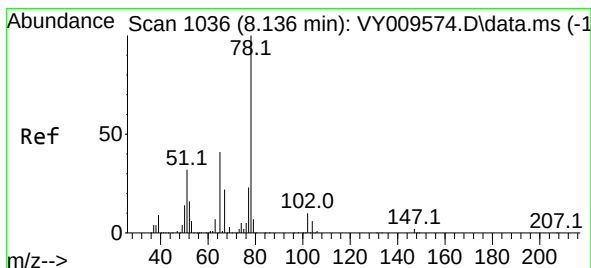
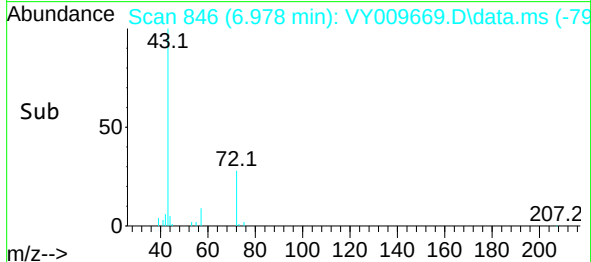
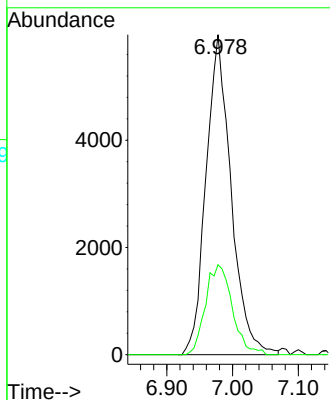
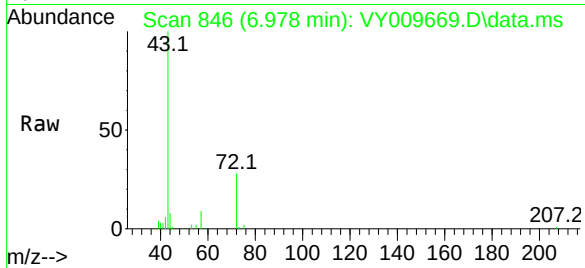




#25
2-Butanone
Concen: 23.806 ug/l
RT: 6.978 min Scan# 845
Delta R.T. 0.006 min
Lab File: VY009669.D
Acq: 22 Jul 2022 18:57

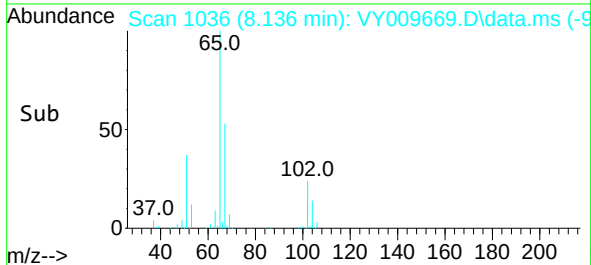
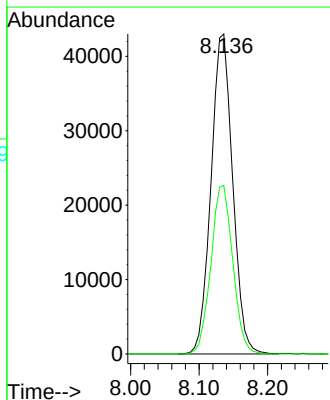
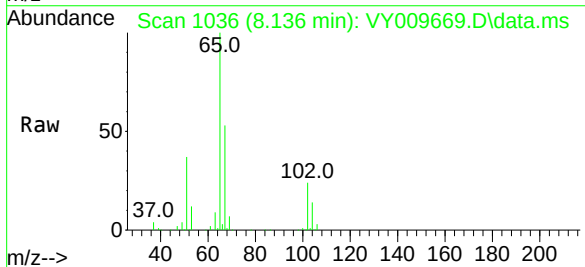
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

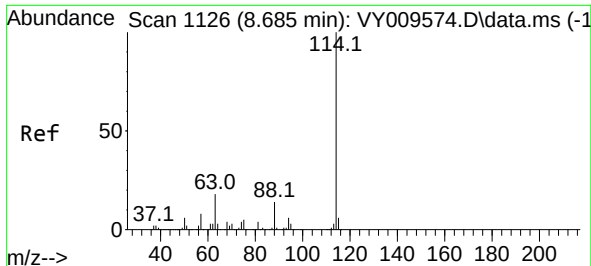
Tgt Ion: 43 Resp: 15808
Ion Ratio Lower Upper
43 100
72 28.1 17.7 26.5#



#33
1,2-Dichloroethane-d4
Concen: 52.322 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY009669.D
Acq: 22 Jul 2022 18:57

Tgt Ion: 65 Resp: 94157
Ion Ratio Lower Upper
65 100
67 53.2 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: VY009669.D

Acq: 22 Jul 2022 18:57

Instrument :

MSVOA_Y

ClientSampleId :

TP-2

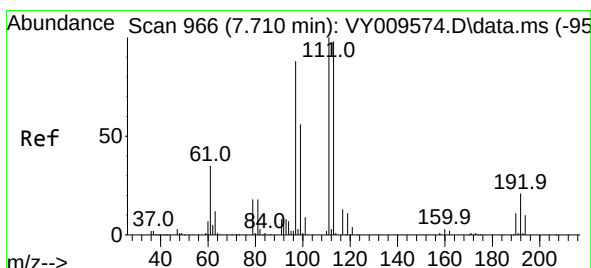
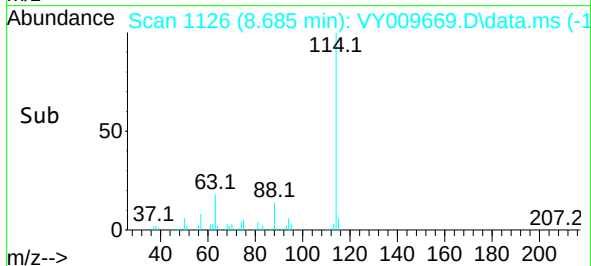
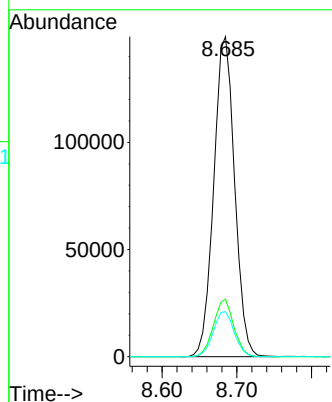
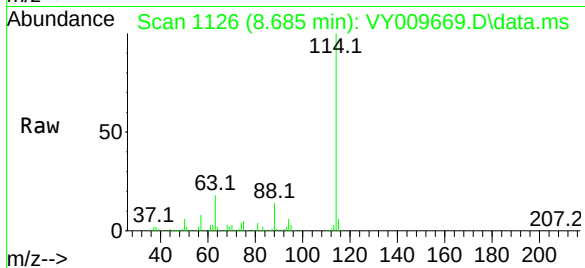
Tgt Ion:114 Resp: 289719

Ion Ratio Lower Upper

114 100

63 18.0 0.0 43.2

88 14.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 49.641 ug/l

RT: 7.709 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009669.D

Acq: 22 Jul 2022 18:57

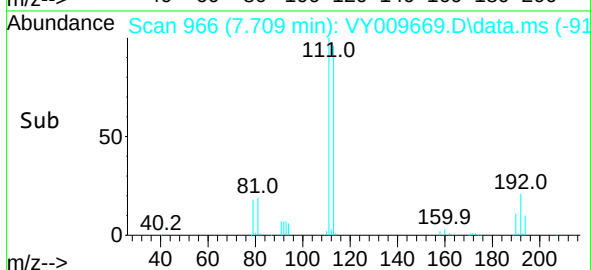
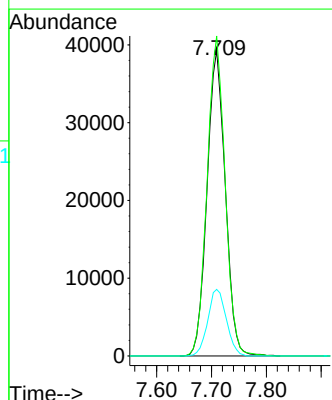
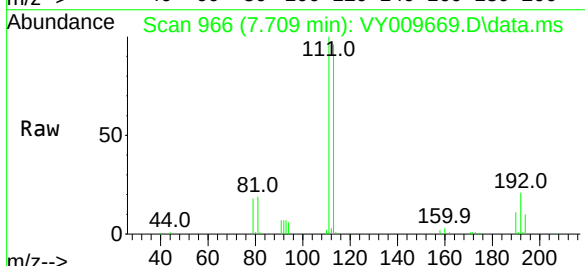
Tgt Ion:113 Resp: 90606

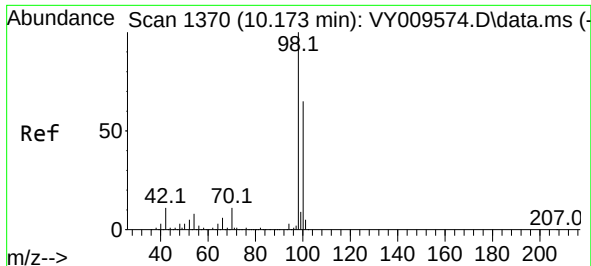
Ion Ratio Lower Upper

113 100

111 103.4 82.6 124.0

192 22.2 17.6 26.4

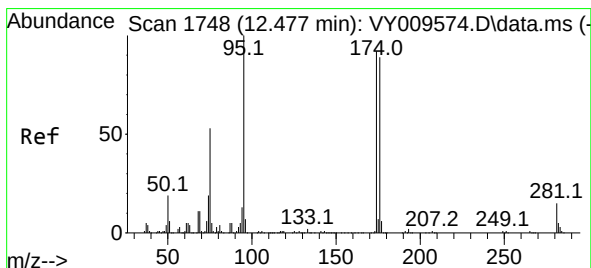
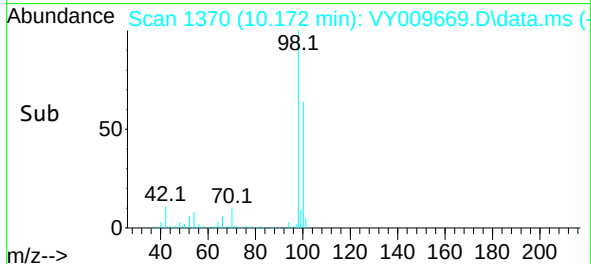
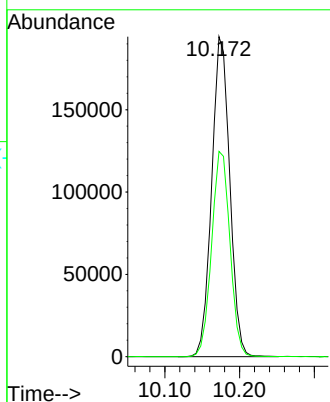
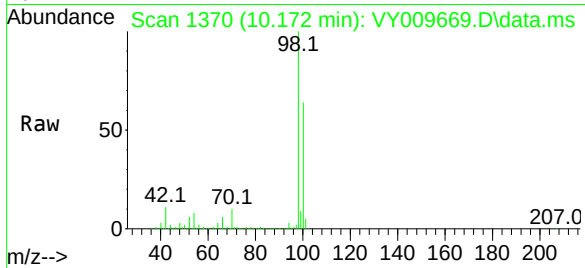




#50
Toluene-d8
Concen: 46.499 ug/l
RT: 10.172 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009669.D
Acq: 22 Jul 2022 18:57

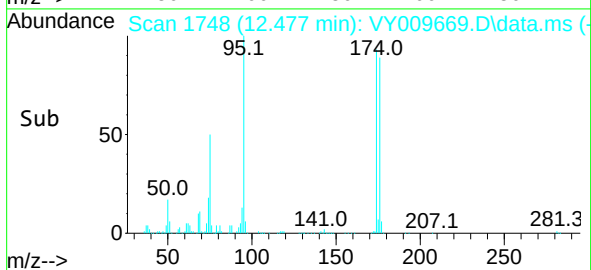
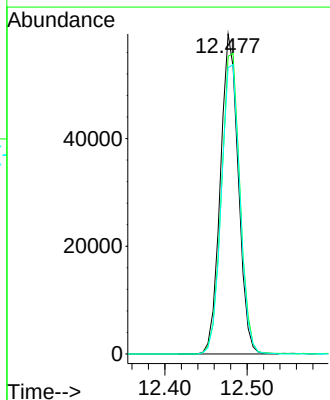
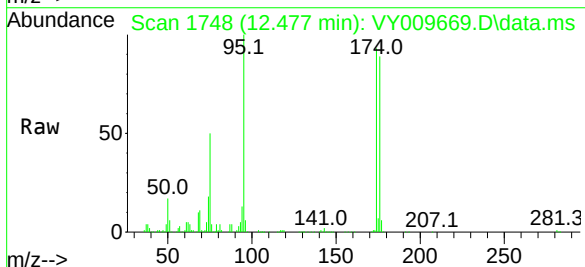
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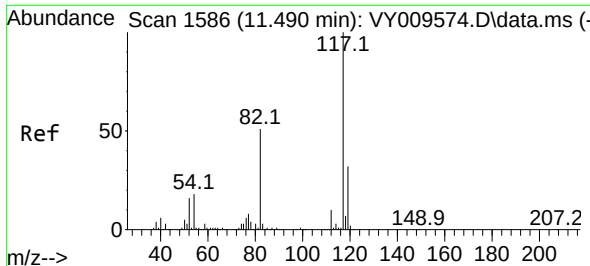
Tgt Ion: 98 Resp: 326269
Ion Ratio Lower Upper
98 100
100 65.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 39.572 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009669.D
Acq: 22 Jul 2022 18:57

Tgt Ion: 95 Resp: 89971
Ion Ratio Lower Upper
95 100
174 97.3 0.0 177.0
176 93.9 0.0 175.8

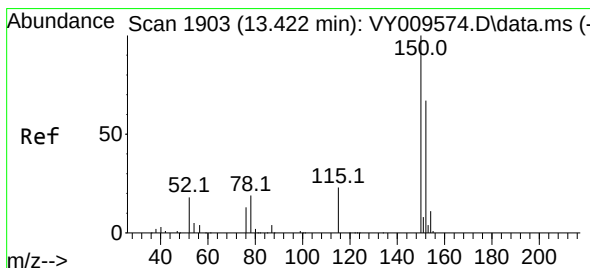
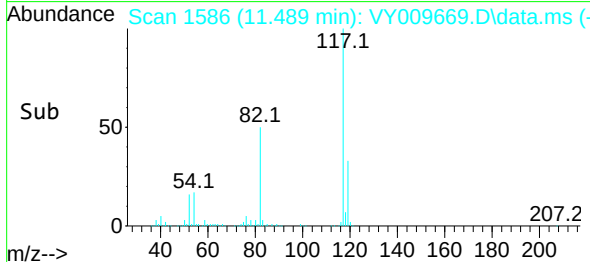
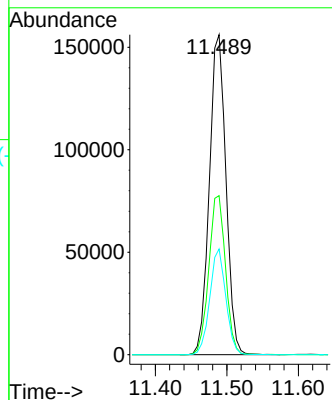
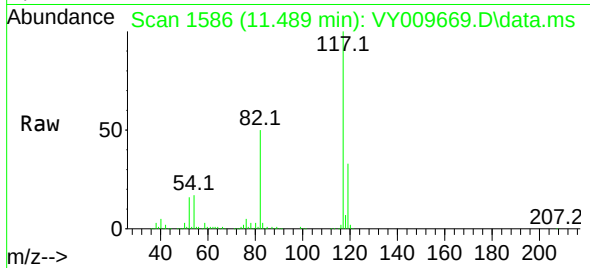




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009669.D
Acq: 22 Jul 2022 18:57

Instrument :
MSVOA_Y
ClientSampleId :
TP-2

Tgt Ion:117 Resp: 251109
Ion Ratio Lower Upper
117 100
82 49.7 43.0 64.4
119 33.1 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: VY009669.D
Acq: 22 Jul 2022 18:57

Tgt Ion:152 Resp: 92077
Ion Ratio Lower Upper
152 100
115 53.8 28.2 84.7
150 156.7 0.0 347.6

