

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082324\
 Data File : VY019256.D
 Acq On : 23 Aug 2024 14:40
 Operator : SY/MD
 Sample : P3663-04
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 914-J-SD-0.5-1-081624

Quant Time: Aug 23 22:57:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

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

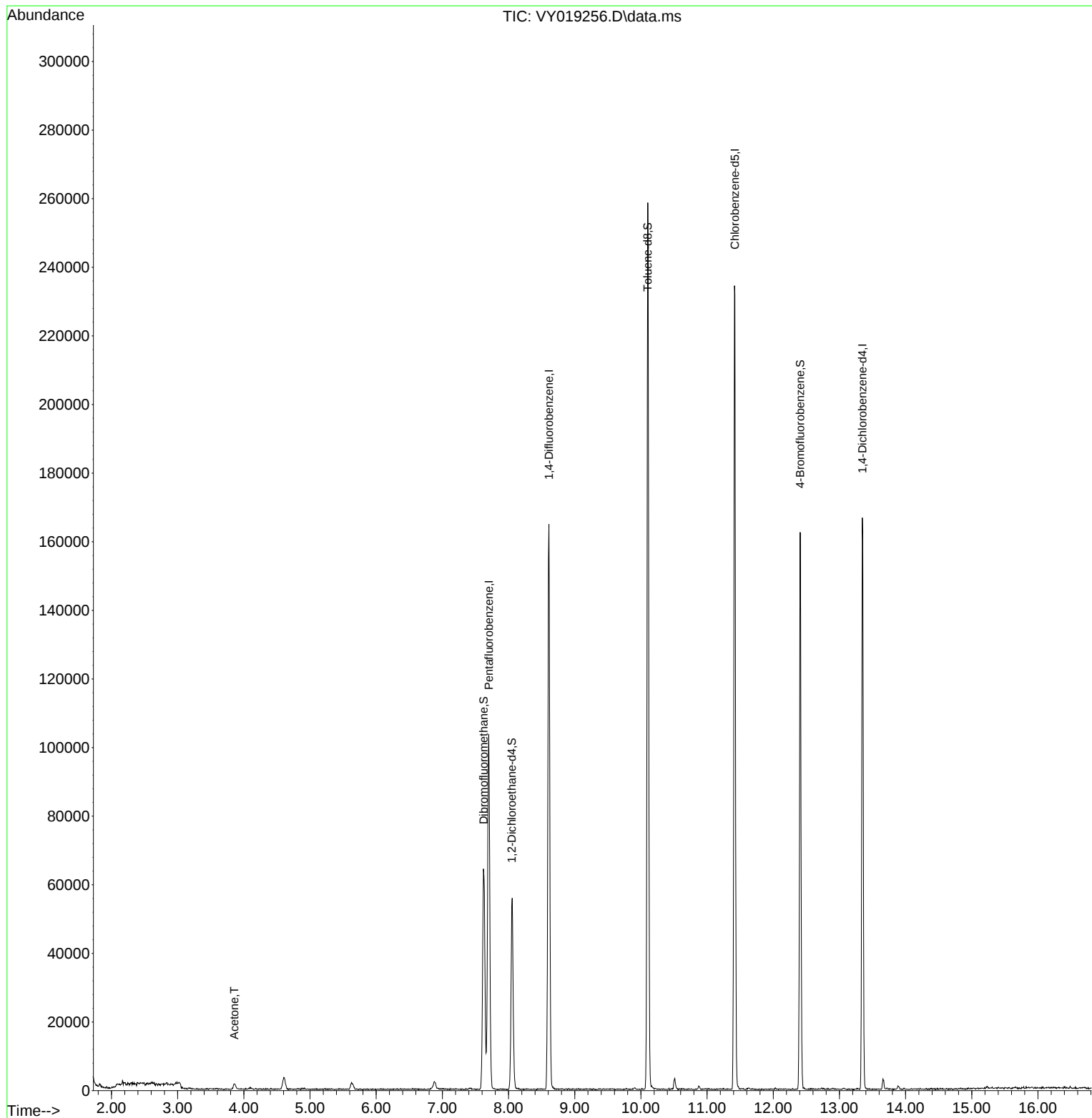
Internal Standards						
1) Pentafluorobenzene	7.701	168	80419	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	146211	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	131005	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	43355	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	41751	51.791	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	103.580%	
35) Dibromofluoromethane	7.622	113	46323	48.454	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	96.900%	
50) Toluene-d8	10.103	98	165009	47.963	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	=	95.920%	
62) 4-Bromofluorobenzene	12.408	95	46324	39.498	ug/l	0.00
Spiked Amount	50.000	Range 29 - 146	Recovery	=	79.000%	
Target Compounds						
16) Acetone	3.854	43	2761	18.468	ug/l	Qvalue # 75

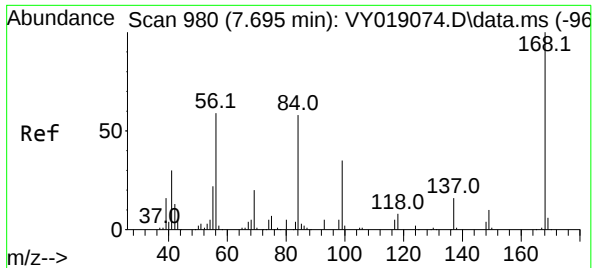
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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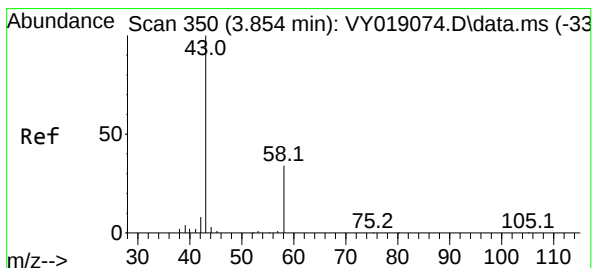
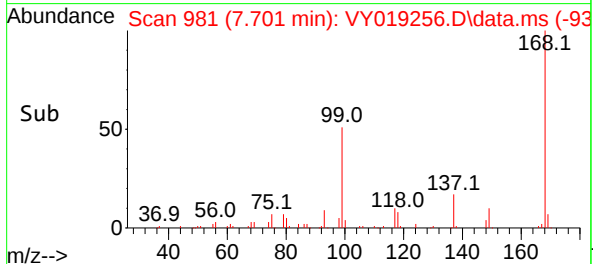
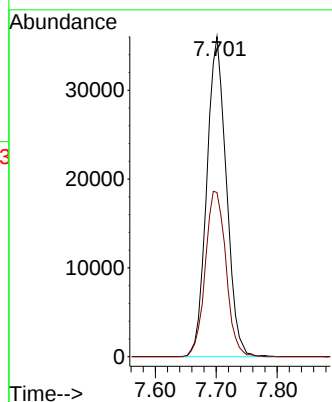
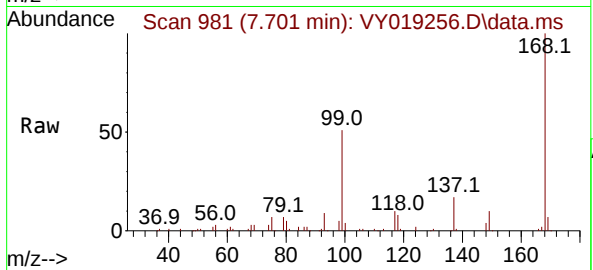




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019256.D
Acq: 23 Aug 2024 14:40

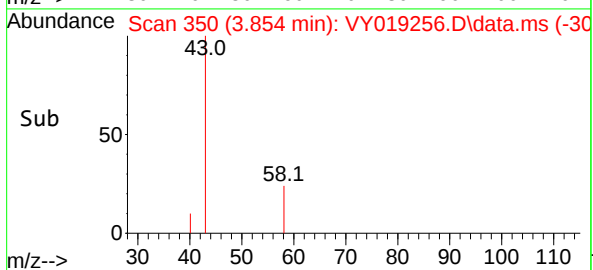
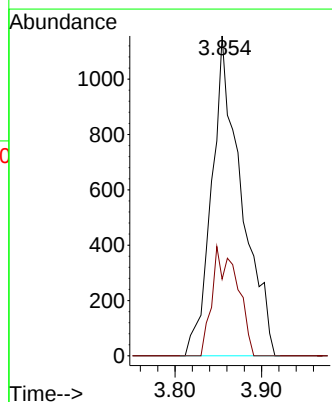
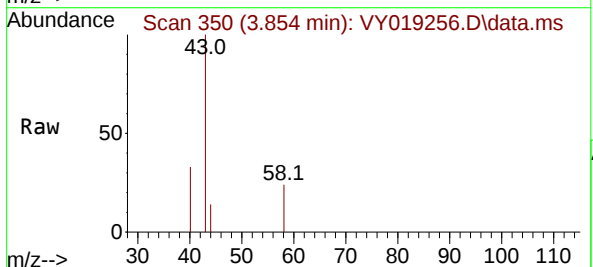
Instrument :
MSVOA_Y
ClientSampleId :
914-J-SD-0.5-1-081624

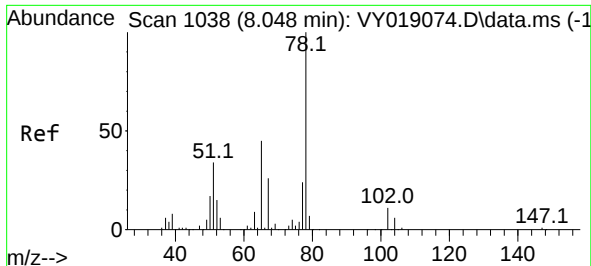
Tgt Ion:168 Resp: 80419
Ion Ratio Lower Upper
168 100
99 51.3 39.1 58.7



#16
Acetone
Concen: 18.468 ug/l
RT: 3.854 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY019256.D
Acq: 23 Aug 2024 14:40

Tgt Ion: 43 Resp: 2761
Ion Ratio Lower Upper
43 100
58 24.0 31.7 47.5#





#33

1,2-Dichloroethane-d4

Concen: 51.791 ug/l

RT: 8.049 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VY019256.D

Acq: 23 Aug 2024 14:40

Instrument :

MSVOA_Y

ClientSampleId :

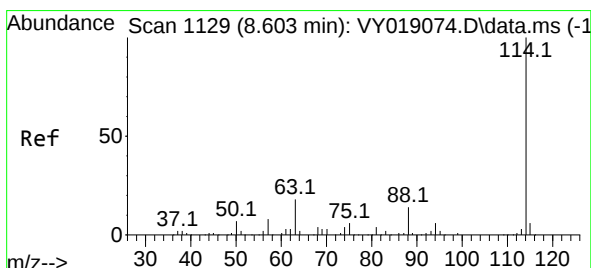
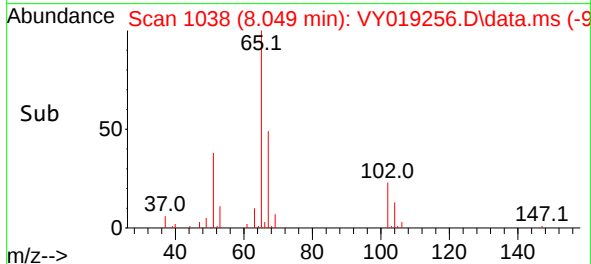
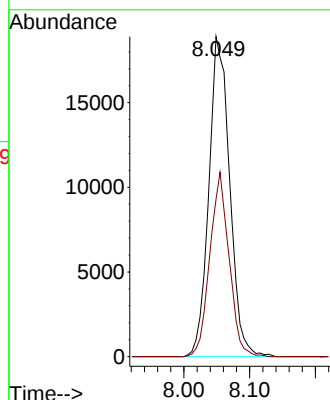
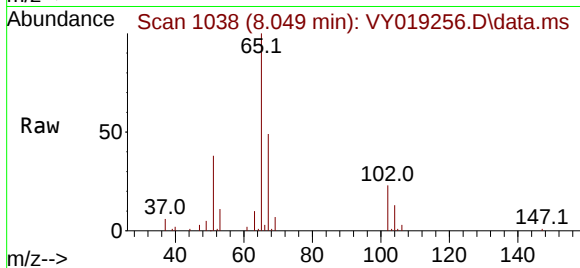
914-J-SD-0.5-1-081624

Tgt Ion: 65 Resp: 41751

Ion Ratio Lower Upper

65 100

67 53.2 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. 0.007 min

Lab File: VY019256.D

Acq: 23 Aug 2024 14:40

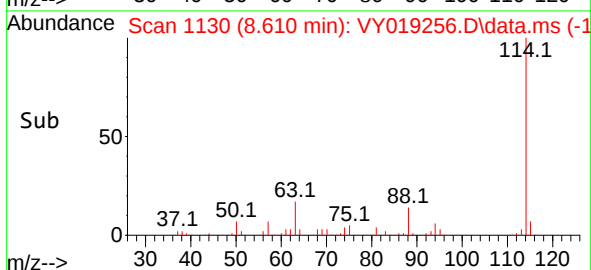
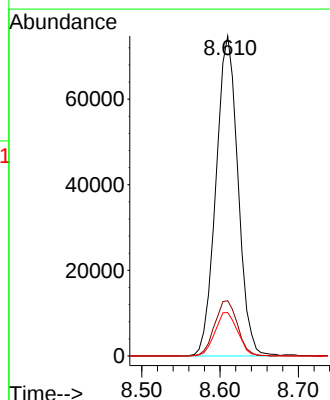
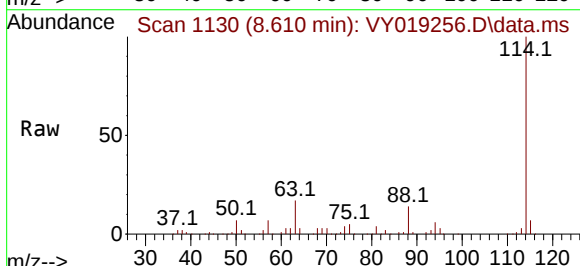
Tgt Ion: 114 Resp: 146211

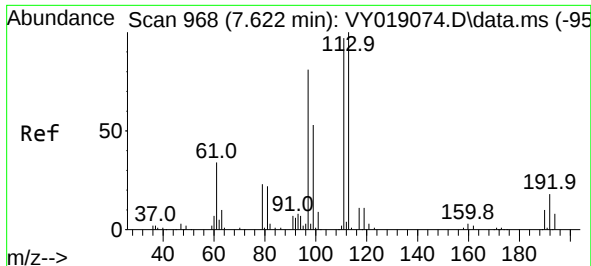
Ion Ratio Lower Upper

114 100

63 17.2 0.0 35.0

88 13.5 0.0 27.2

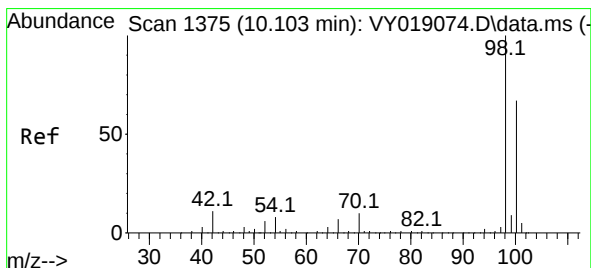
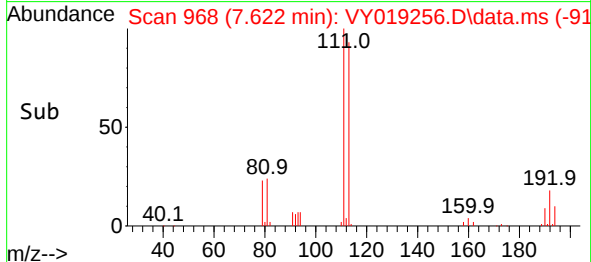
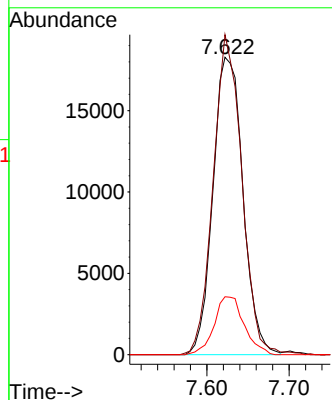
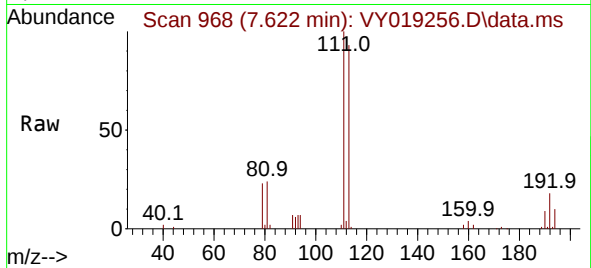




#35
Dibromofluoromethane
Concen: 48.454 ug/l
RT: 7.622 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019256.D
Acq: 23 Aug 2024 14:40

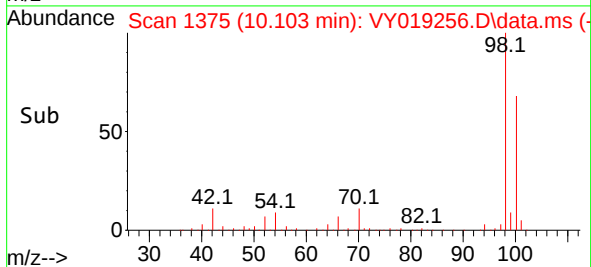
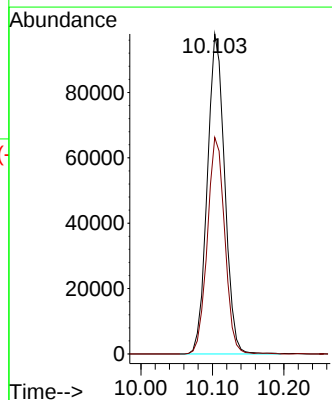
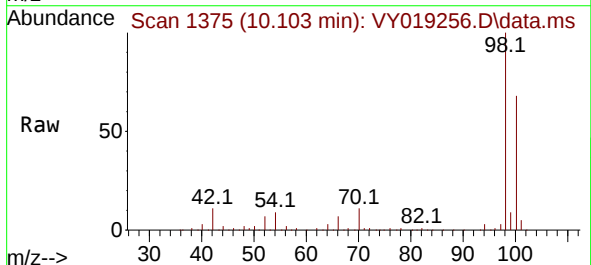
Instrument :
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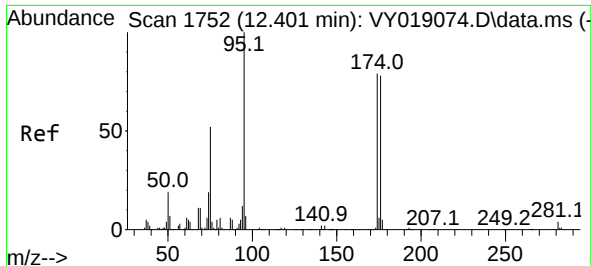
Tgt Ion:113 Resp: 46323
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.4
192 19.5 15.9 23.9



#50
Toluene-d8
Concen: 47.963 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY019256.D
Acq: 23 Aug 2024 14:40

Tgt Ion: 98 Resp: 165009
Ion Ratio Lower Upper
98 100
100 67.6 52.0 78.0

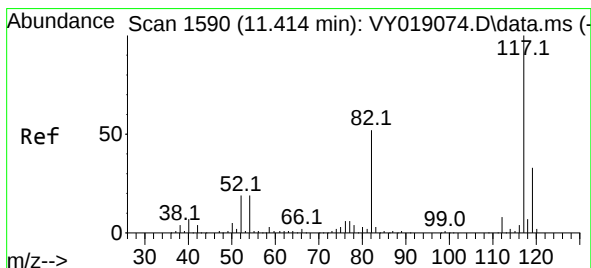
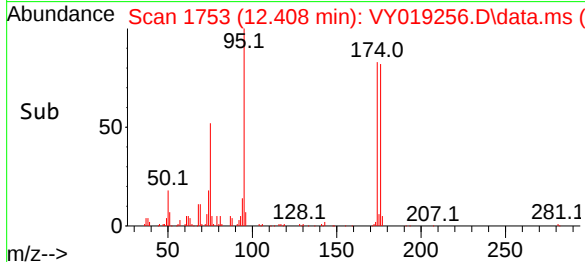
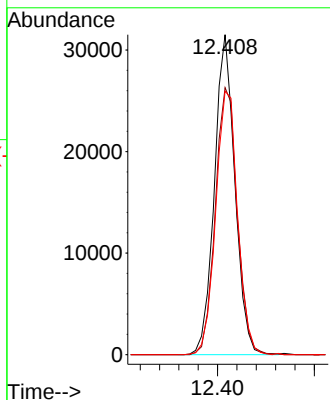
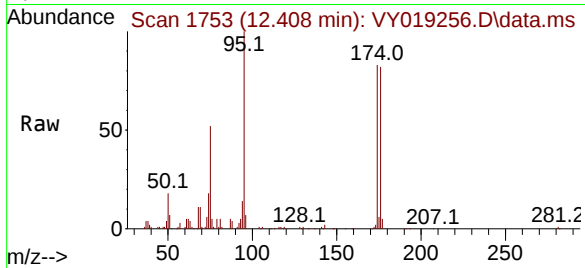




#62
4-Bromofluorobenzene
Concen: 39.498 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY019256.D
Acq: 23 Aug 2024 14:40

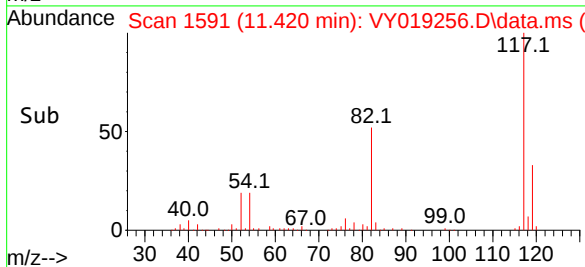
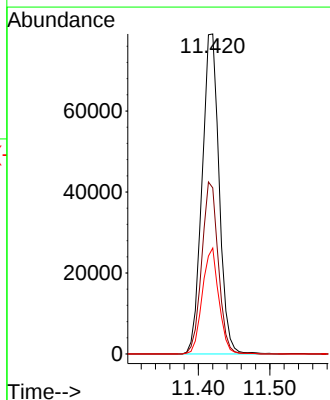
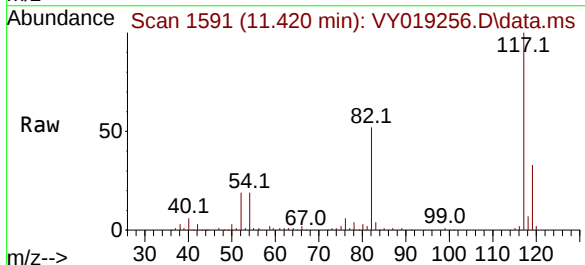
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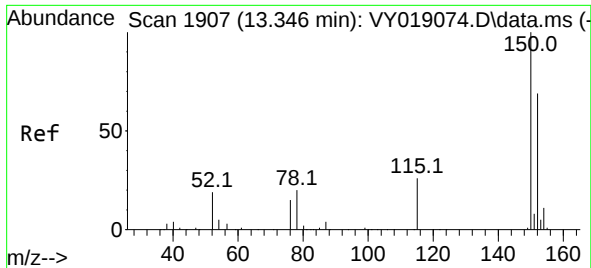
Tgt Ion:	95	Resp:	46324
Ion	Ratio	Lower	Upper
95	100		
174	89.2	0.0	175.6
176	87.8	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.007 min
Lab File: VY019256.D
Acq: 23 Aug 2024 14:40

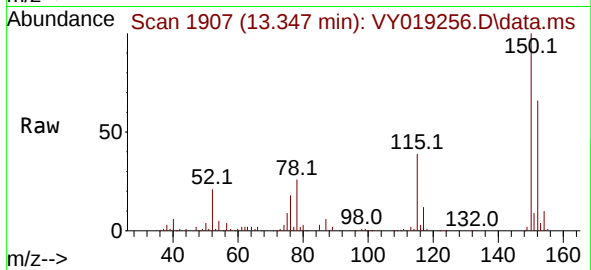
Tgt Ion:	117	Resp:	131005
Ion	Ratio	Lower	Upper
117	100		
82	51.9	42.4	63.6
119	33.1	25.9	38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.347 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY019256.D
 Acq: 23 Aug 2024 14:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 914-J-SD-0.5-1-081624



Tgt Ion:	152	Resp:	43355
Ion	Ratio	Lower	Upper
152	100		
115	57.2	28.2	84.7
150	154.6	0.0	345.6

