

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082024\
 Data File : VY019160.D
 Acq On : 20 Aug 2024 18:53
 Operator : SY/MD
 Sample : P3643-13
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 921-J-SD-0-0.5-081524-FD

Quant Time: Aug 21 01:33:46 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)

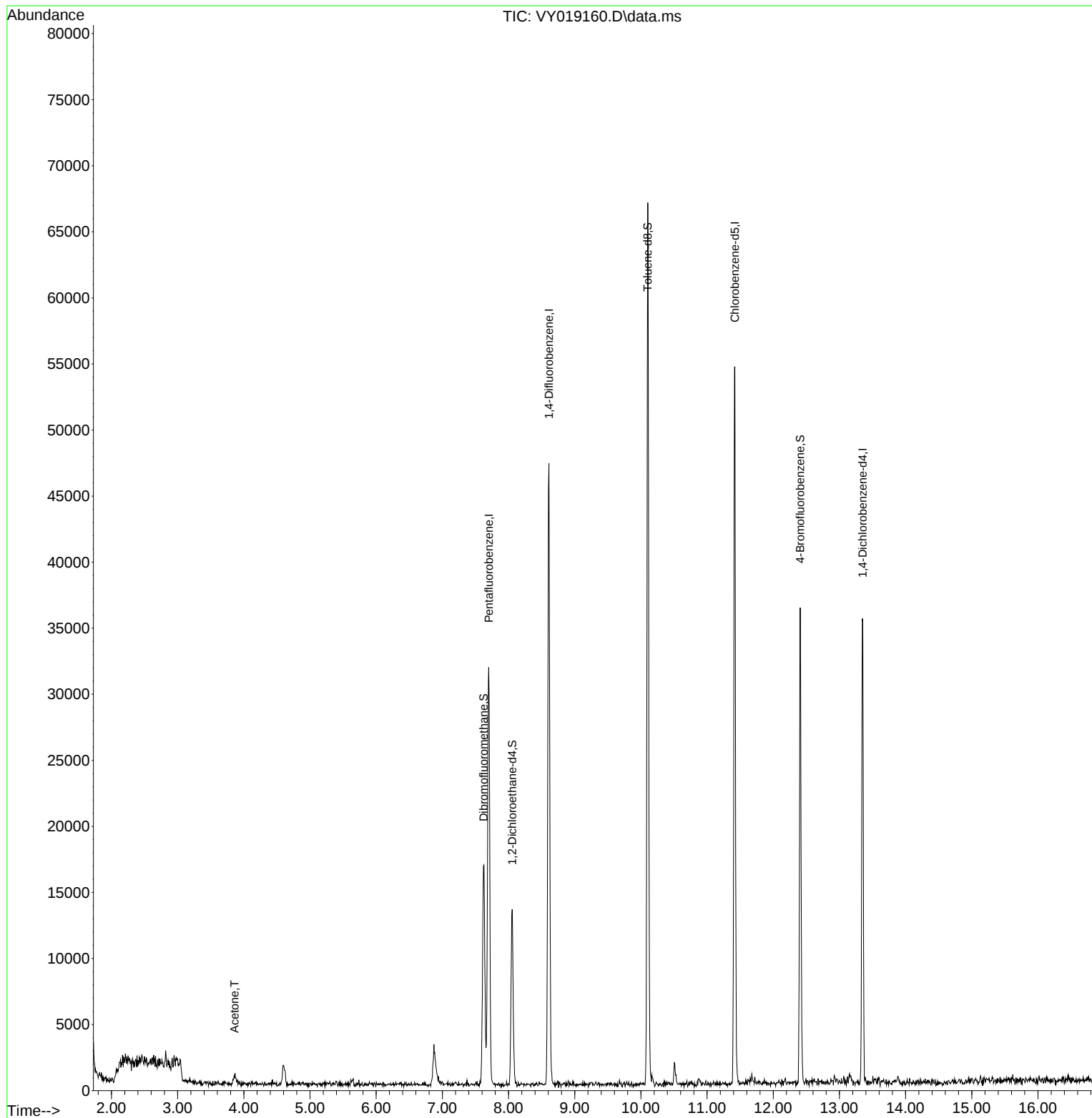
Internal Standards						
1) Pentafluorobenzene	7.701	168	25378	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	41454	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	29915	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	9161	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	10541	41.436	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	82.880%
35) Dibromofluoromethane	7.622	113	12336	45.512	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.020%
50) Toluene-d8	10.103	98	43296	44.387	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.780%
62) 4-Bromofluorobenzene	12.408	95	10886	32.738	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	65.480%
Target Compounds						
16) Acetone	3.860	43	1343	28.467	ug/l	Qvalue # 84

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

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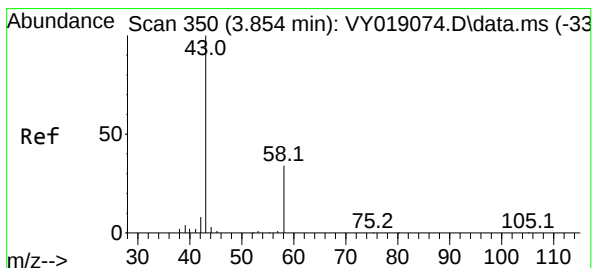
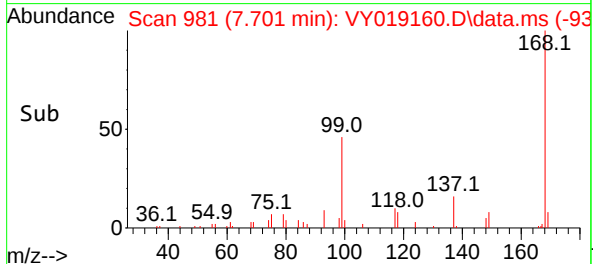
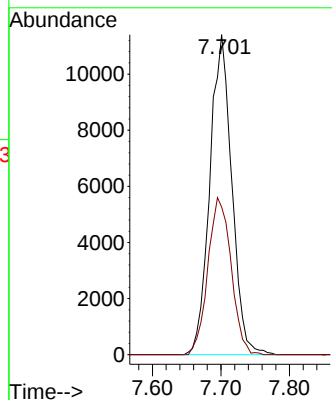
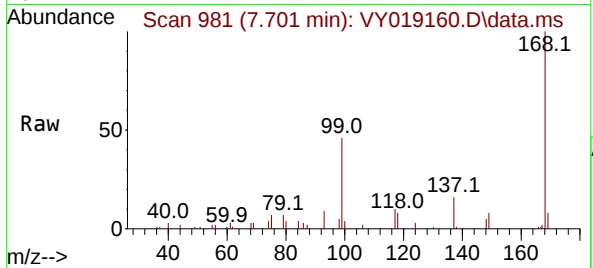




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019160.D
Acq: 20 Aug 2024 18:53

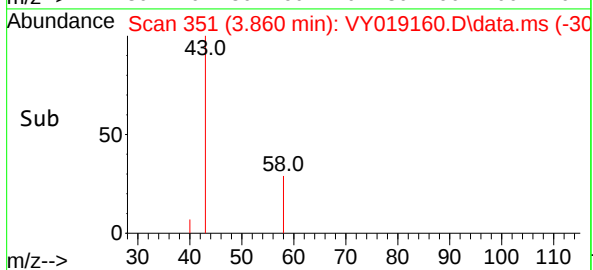
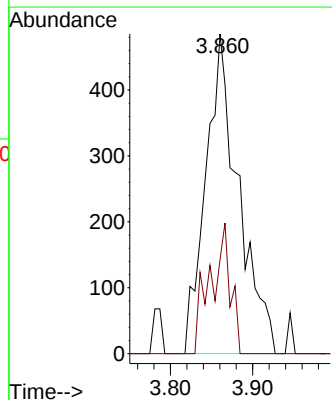
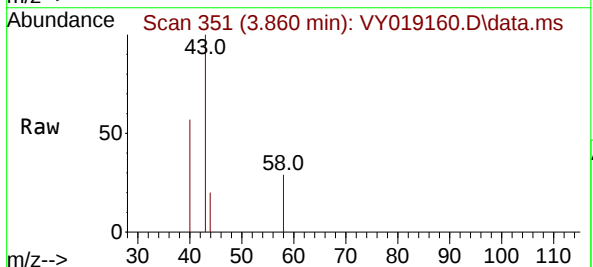
Instrument :
MSVOA_Y
ClientSampleId :
921-J-SD-0-0.5-081524-FD

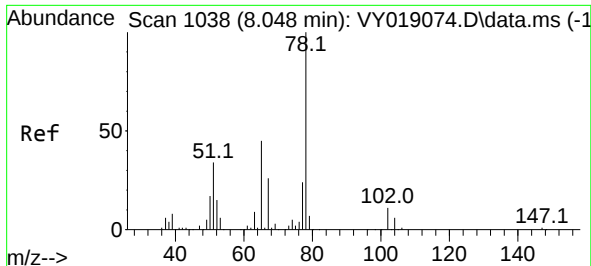
Tgt Ion:168 Resp: 25378
Ion Ratio Lower Upper
168 100
99 46.1 39.1 58.7



#16
Acetone
Concen: 28.467 ug/l
RT: 3.860 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY019160.D
Acq: 20 Aug 2024 18:53

Tgt Ion: 43 Resp: 1343
Ion Ratio Lower Upper
43 100
58 29.5 31.7 47.5#

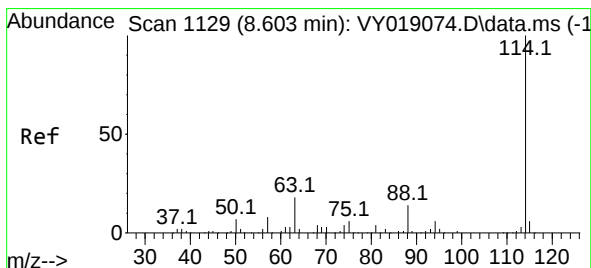
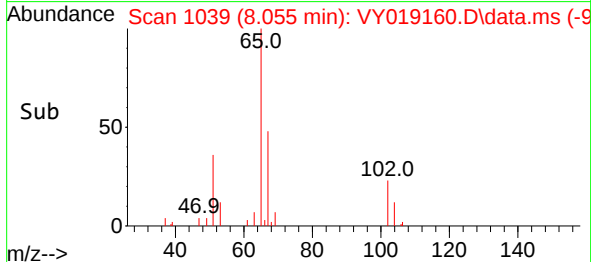
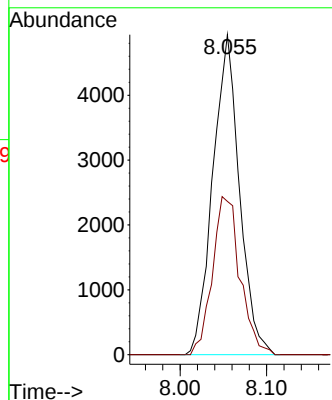
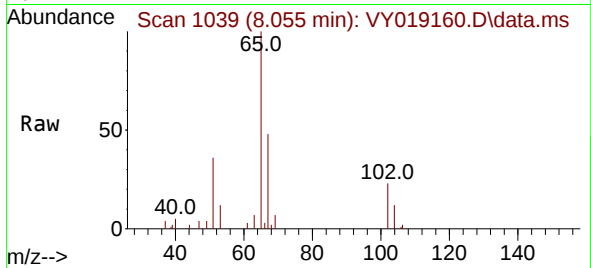




#33
1,2-Dichloroethane-d4
Concen: 41.436 ug/l
RT: 8.055 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VY019160.D
Acq: 20 Aug 2024 18:53

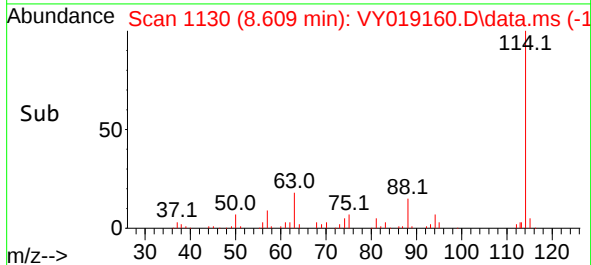
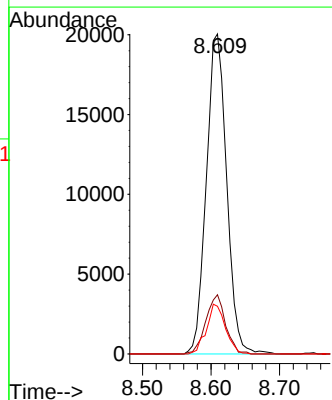
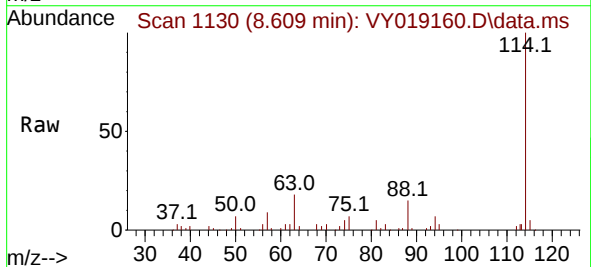
Instrument :
MSVOA_Y
ClientSampleId :
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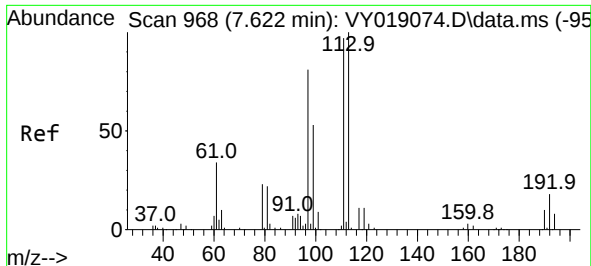
Tgt Ion: 65 Resp: 10541
Ion Ratio Lower Upper
65 100
67 51.2 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.609 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VY019160.D
Acq: 20 Aug 2024 18:53

Tgt Ion: 114 Resp: 41454
Ion Ratio Lower Upper
114 100
63 18.5 0.0 35.0
88 14.9 0.0 27.2

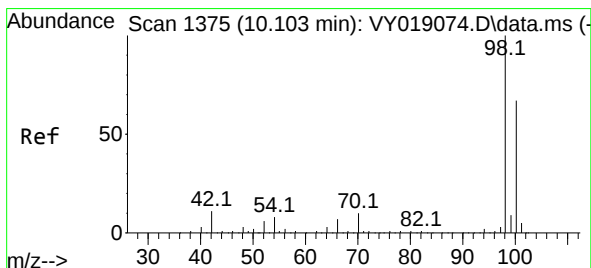
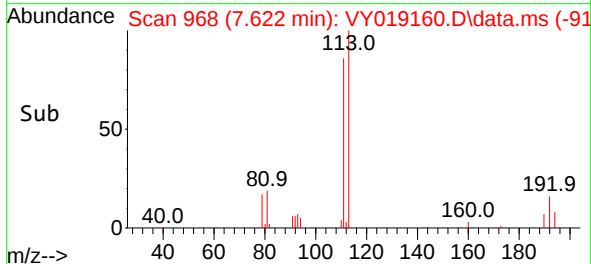
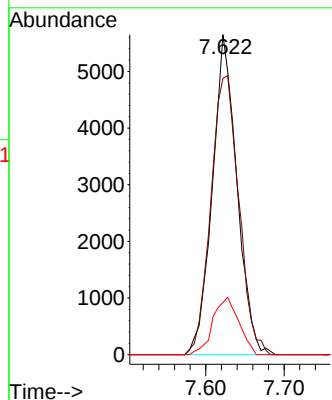
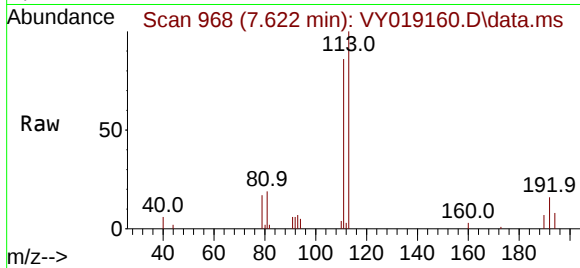




#35
Dibromofluoromethane
Concen: 45.512 ug/l
RT: 7.622 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019160.D
Acq: 20 Aug 2024 18:53

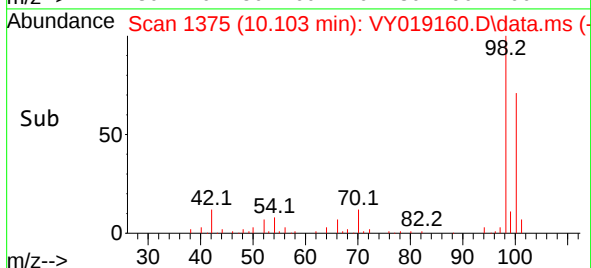
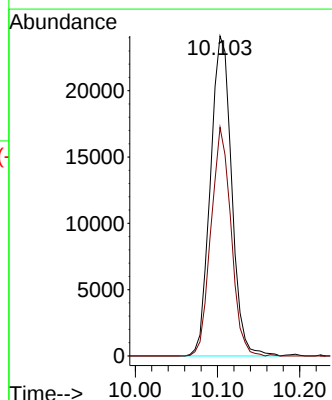
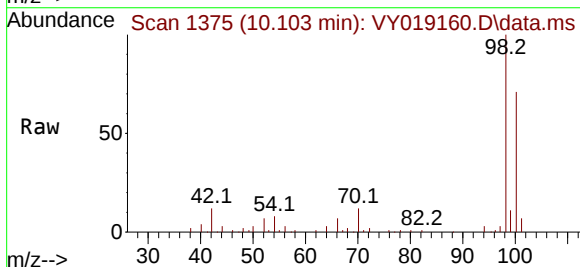
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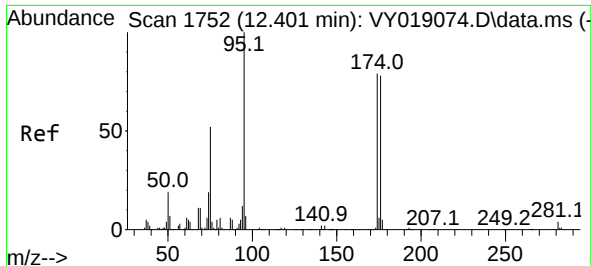
Tgt Ion:	113	Resp:	12336
Ion	Ratio	Lower	Upper
113	100		
111	99.1	82.2	123.4
192	18.9	15.9	23.9



#50
Toluene-d8
Concen: 44.387 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY019160.D
Acq: 20 Aug 2024 18:53

Tgt Ion:	98	Resp:	43296
Ion	Ratio	Lower	Upper
98	100		
100	67.5	52.0	78.0

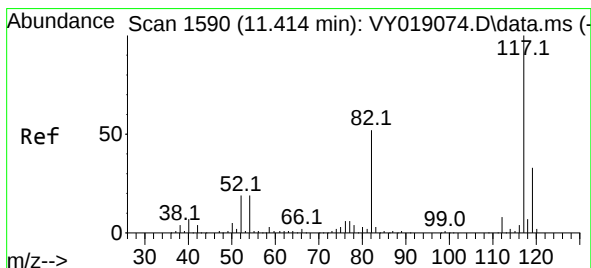
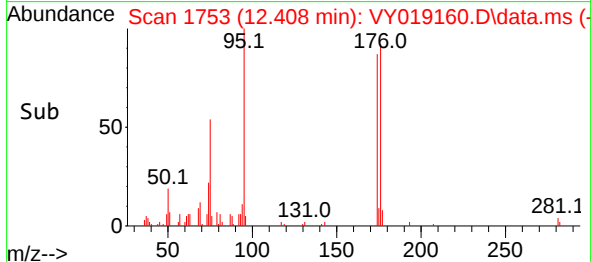
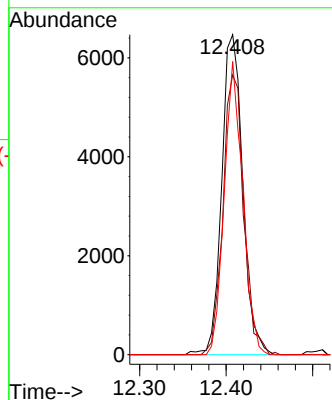
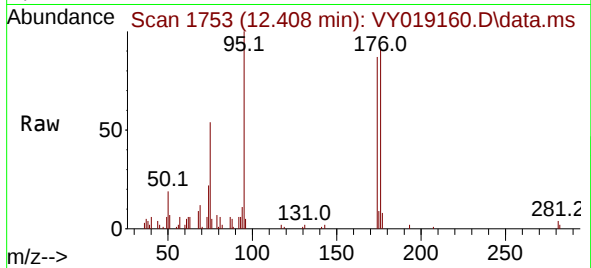




#62
4-Bromofluorobenzene
Concen: 32.738 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019160.D
Acq: 20 Aug 2024 18:53

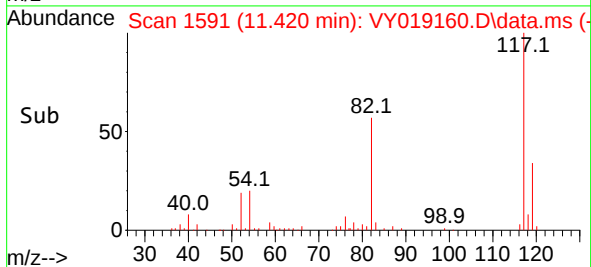
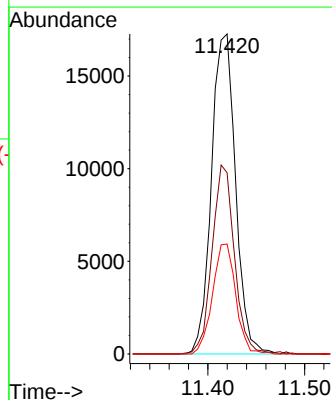
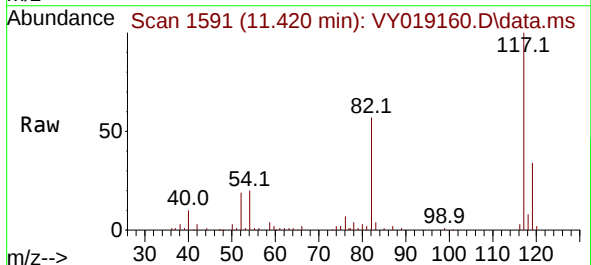
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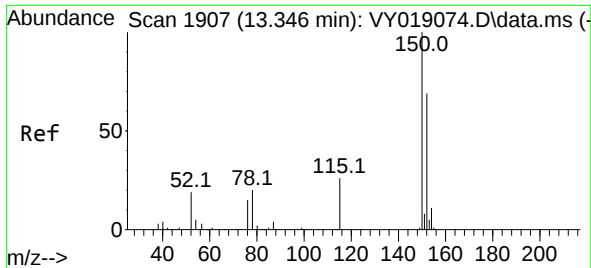
Tgt Ion:	95	Resp:	10886
Ion Ratio	Lower	Upper	
95	100		
174	86.5	0.0	175.6
176	81.1	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VY019160.D
Acq: 20 Aug 2024 18:53

Tgt Ion:	117	Resp:	29915
Ion Ratio	Lower	Upper	
117	100		
82	56.6	42.4	63.6
119	34.4	25.9	38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY019160.D

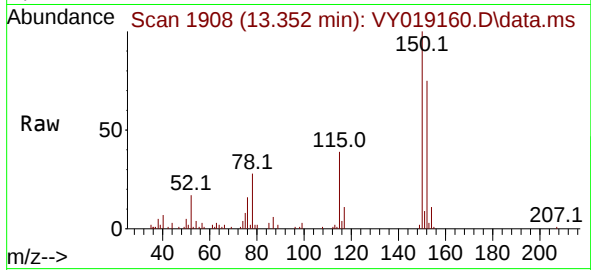
Acq: 20 Aug 2024 18:53

Instrument :

MSVOA_Y

ClientSampleId :

921-J-SD-0-0.5-081524-FD



Tgt Ion:152 Resp: 9161

Ion Ratio Lower Upper

152 100

115 60.9 28.2 84.7

150 157.5 0.0 345.6

