

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082124\
 Data File : VY019201.D
 Acq On : 22 Aug 2024 05:45
 Operator : SY/MD
 Sample : P3671-07
 Misc : 7.85g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-905-J-SO-0-0.5-081924-FD

Quant Time: Aug 22 06:30:28 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)

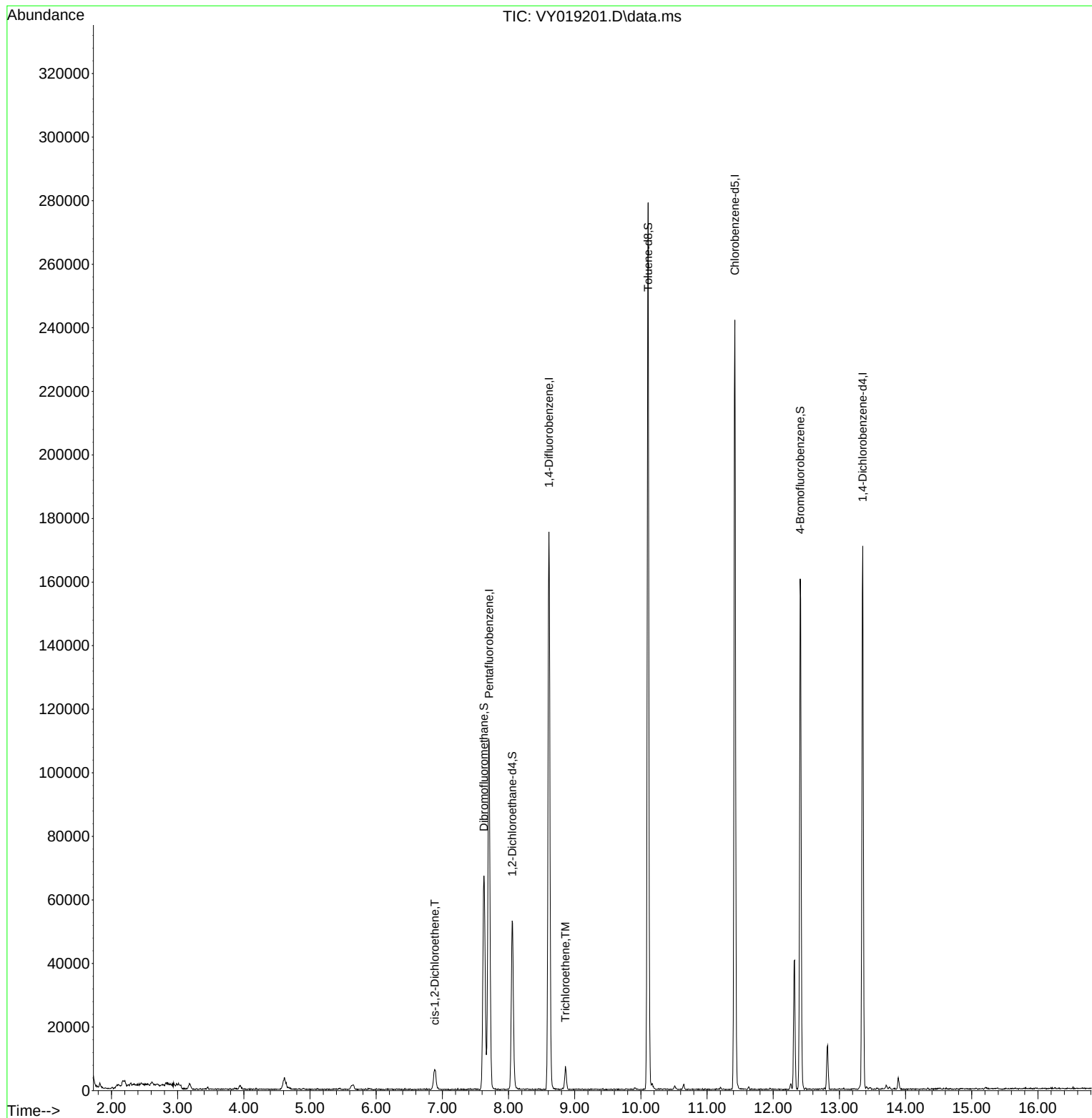
Internal Standards						
1) Pentafluorobenzene	7.707	168	87636	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.610	114	155335	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	130117	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	42664	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	41334	47.052	ug/l	0.00
Spiked Amount 50.000	Range	50 - 163	Recovery	=	94.100%	
35) Dibromofluoromethane	7.628	113	48375	47.629	ug/l	0.00
Spiked Amount 50.000	Range	54 - 147	Recovery	=	95.260%	
50) Toluene-d8	10.109	98	174767	47.815	ug/l	0.00
Spiked Amount 50.000	Range	58 - 134	Recovery	=	95.640%	
62) 4-Bromofluorobenzene	12.408	95	48915	39.258	ug/l	0.00
Spiked Amount 50.000	Range	29 - 146	Recovery	=	78.520%	
Target Compounds						
27) cis-1,2-Dichloroethene	6.884	96	3850	3.350	ug/l	96
44) Trichloroethene	8.859	130	2333	1.955	ug/l	98

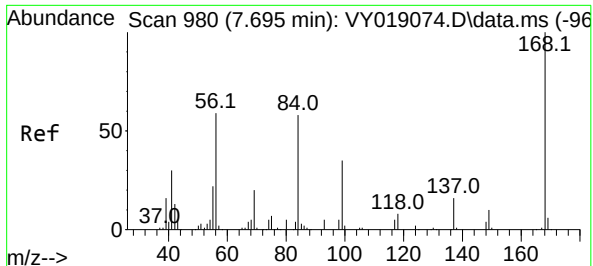
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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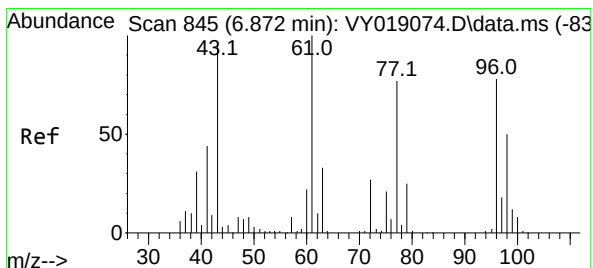
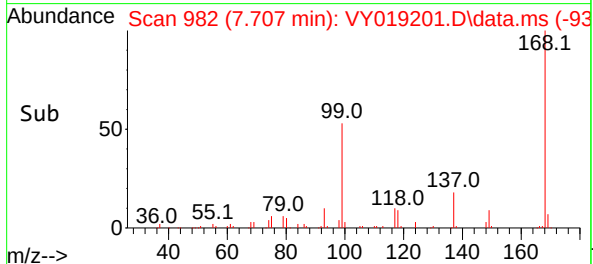
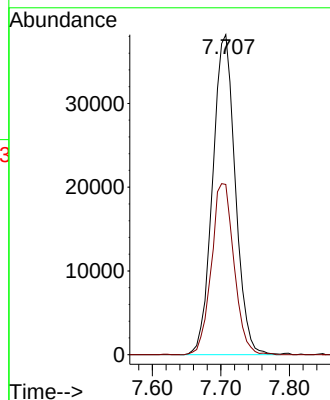
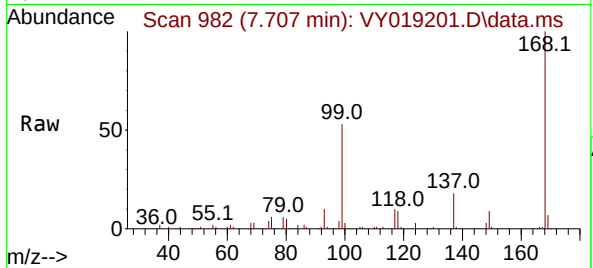




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY019201.D
Acq: 22 Aug 2024 05:45

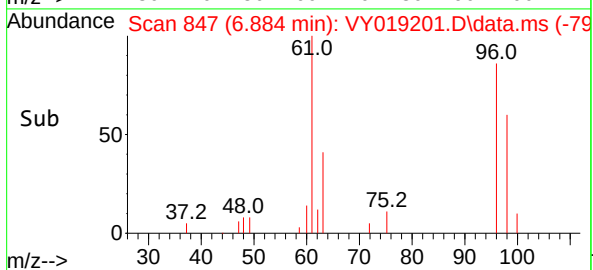
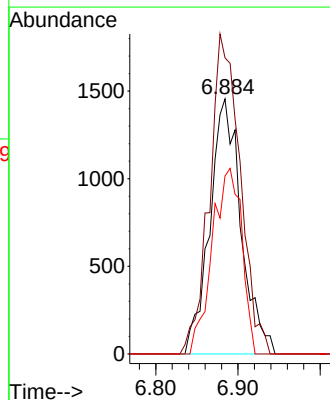
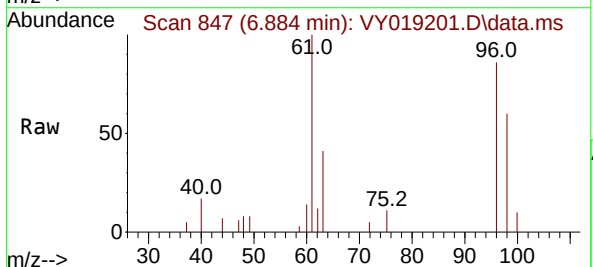
Instrument :
MSVOA_Y
ClientSampleId :
S-905-J-SO-0-0.5-081924-FD

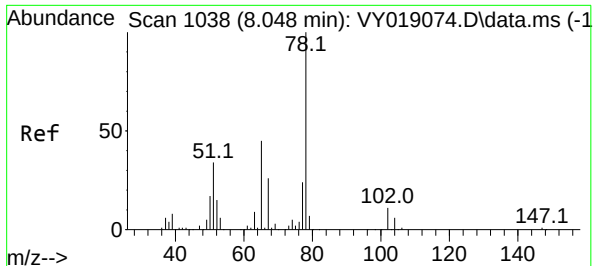
Tgt Ion:168 Resp: 87636
Ion Ratio Lower Upper
168 100
99 53.2 39.1 58.7



#27
cis-1,2-Dichloroethene
Concen: 3.350 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.012 min
Lab File: VY019201.D
Acq: 22 Aug 2024 05:45

Tgt Ion: 96 Resp: 3850
Ion Ratio Lower Upper
96 100
61 123.2 0.0 256.2
98 68.6 0.0 130.0





#33

1,2-Dichloroethane-d4

Concen: 47.052 ug/l

RT: 8.055 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY019201.D

Acq: 22 Aug 2024 05:45

Instrument :

MSVOA_Y

ClientSampleId :

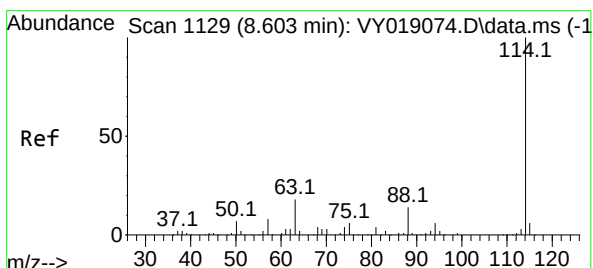
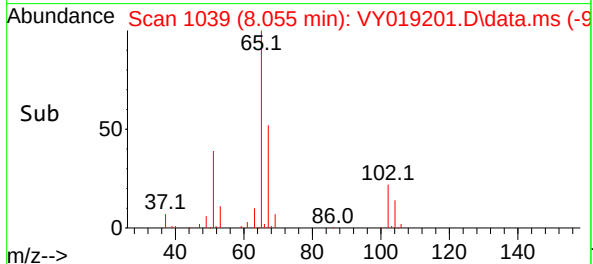
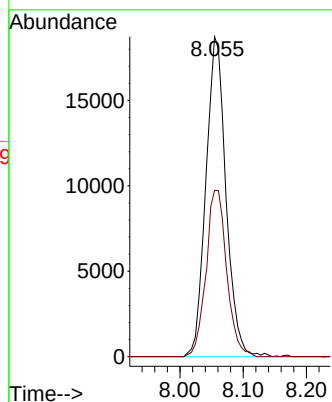
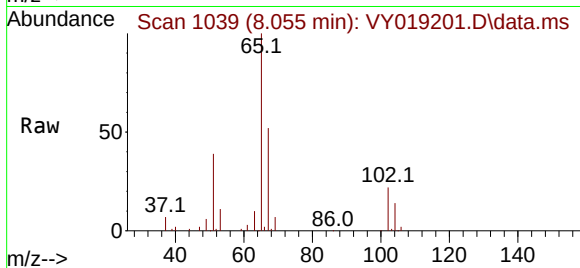
S-905-J-SO-0-0.5-081924-FD

Tgt Ion: 65 Resp: 41334

Ion Ratio Lower Upper

65 100

67 53.6 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY019201.D

Acq: 22 Aug 2024 05:45

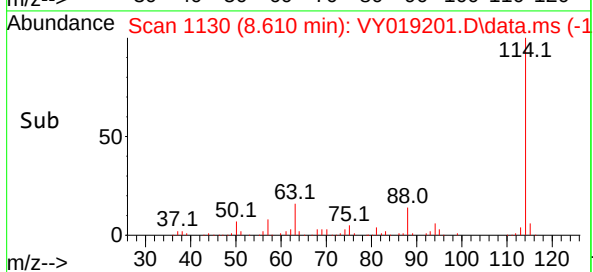
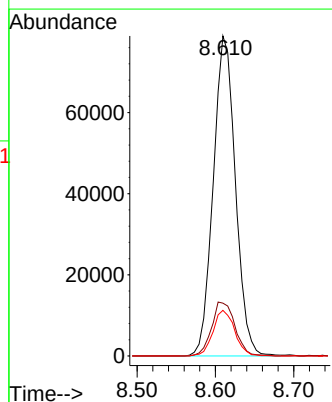
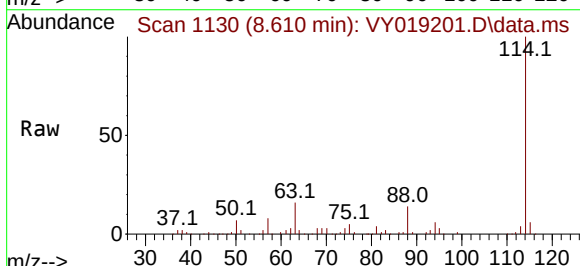
Tgt Ion: 114 Resp: 155335

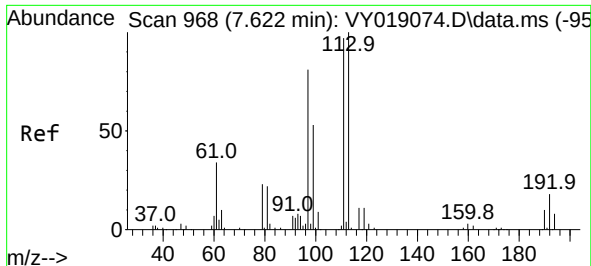
Ion Ratio Lower Upper

114 100

63 16.5 0.0 35.0

88 14.3 0.0 27.2





#35

Dibromofluoromethane

Concen: 47.629 ug/l

RT: 7.628 min Scan# 91

Delta R.T. 0.006 min

Lab File: VY019201.D

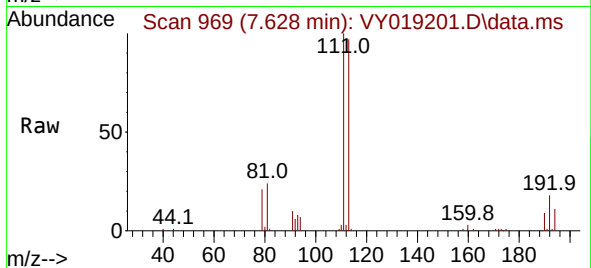
Acq: 22 Aug 2024 05:45

Instrument :

MSVOA_Y

ClientSampleId :

S-905-J-SO-0-0.5-081924-FD



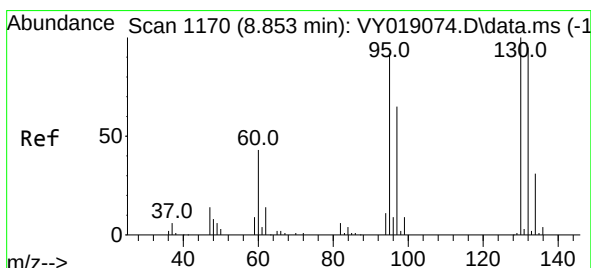
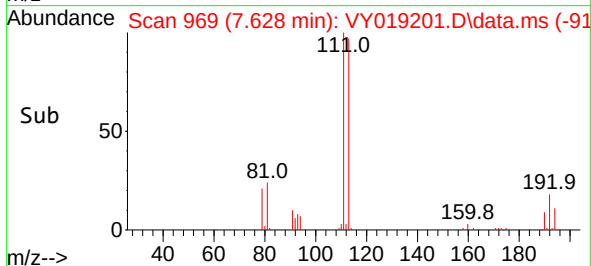
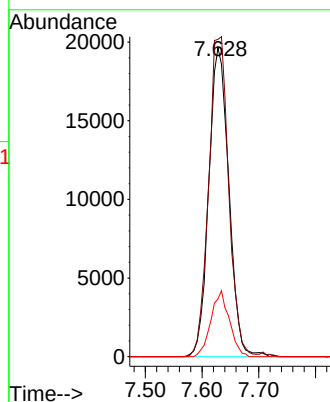
Tgt Ion:113 Resp: 48375

Ion Ratio Lower Upper

113 100

111 103.6 82.2 123.4

192 19.6 15.9 23.9



#44

Trichloroethene

Concen: 1.955 ug/l

RT: 8.859 min Scan# 1171

Delta R.T. 0.006 min

Lab File: VY019201.D

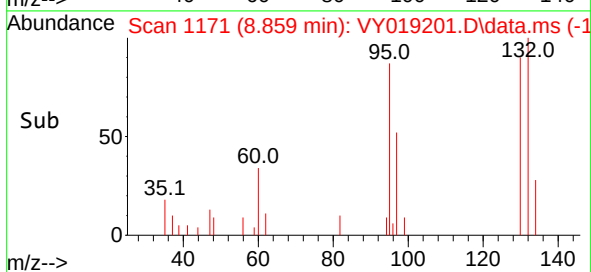
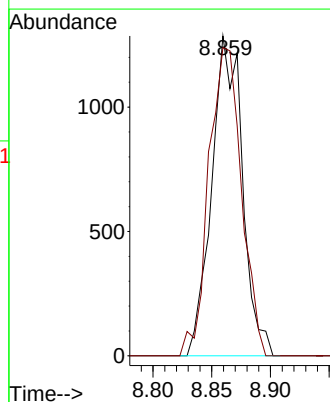
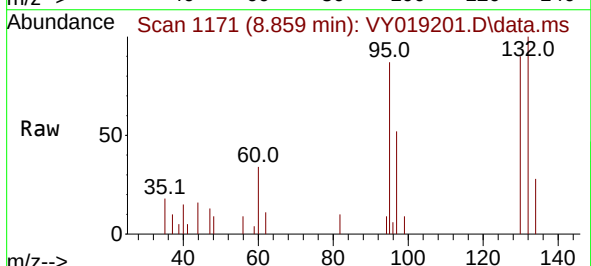
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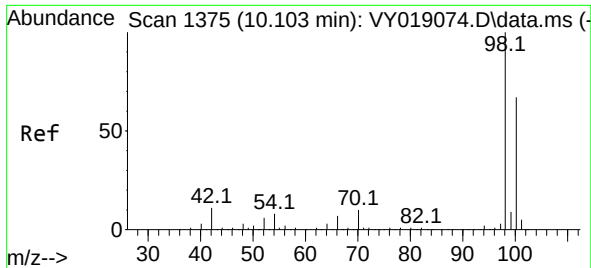
Tgt Ion:130 Resp: 2333

Ion Ratio Lower Upper

130 100

95 96.3 0.0 188.0

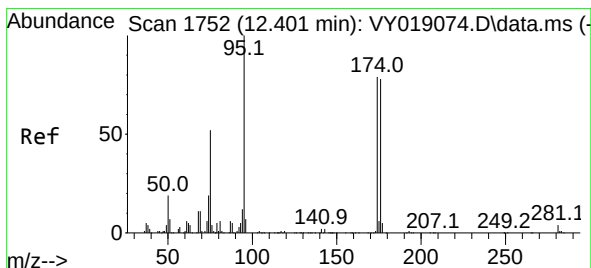
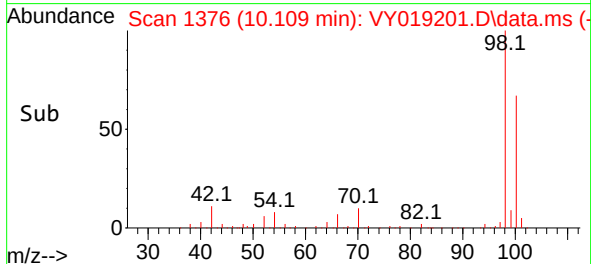
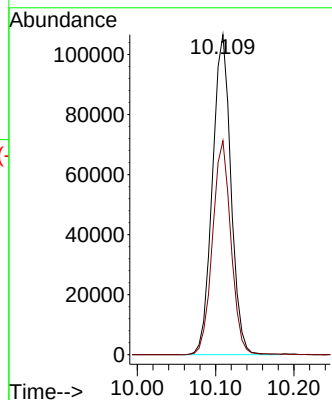
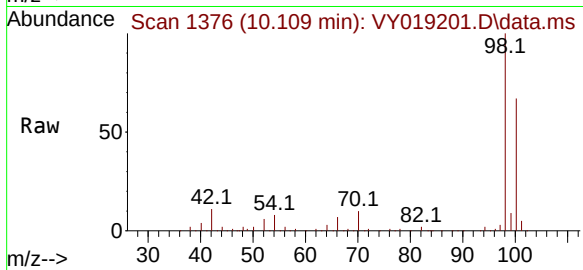




#50
Toluene-d8
Concen: 47.815 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019201.D
Acq: 22 Aug 2024 05:45

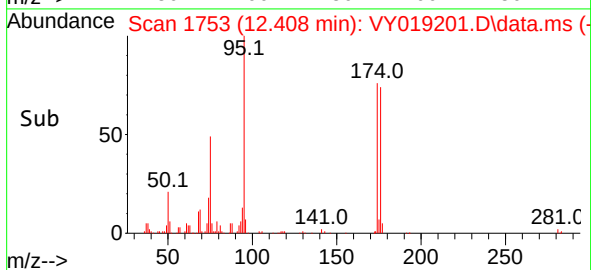
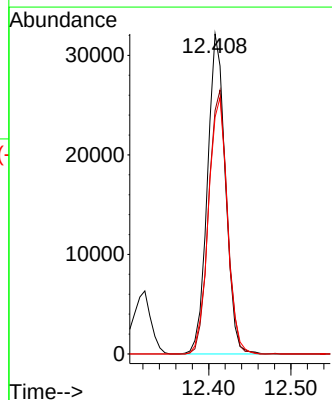
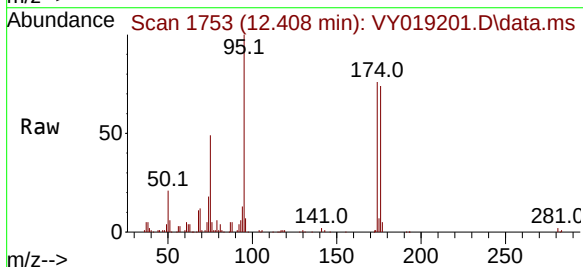
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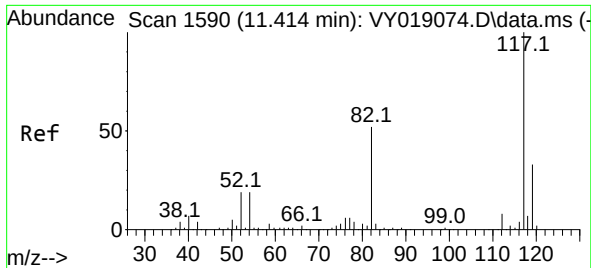
Tgt Ion: 98 Resp: 174767
Ion Ratio Lower Upper
98 100
100 66.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 39.258 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019201.D
Acq: 22 Aug 2024 05:45

Tgt Ion: 95 Resp: 48915
Ion Ratio Lower Upper
95 100
174 85.0 0.0 175.6
176 84.2 0.0 171.4

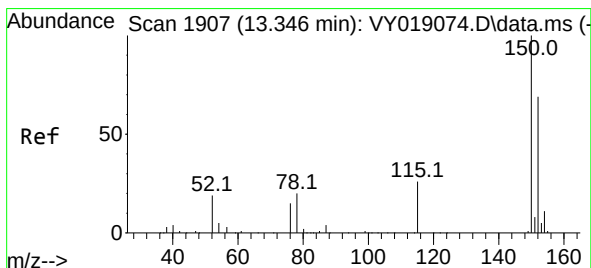
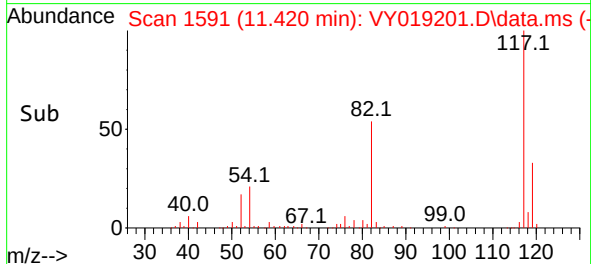
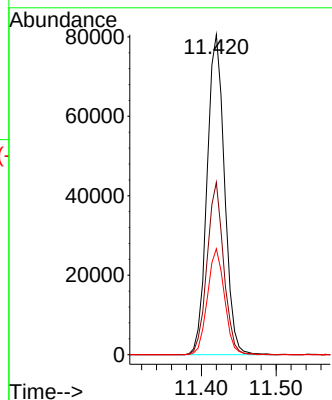
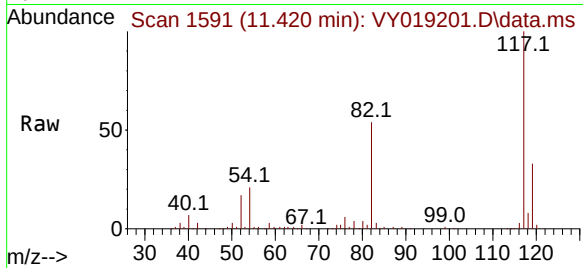




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019201.D
Acq: 22 Aug 2024 05:45

Instrument :
MSVOA_Y
ClientSampleId :
S-905-J-SO-0-0.5-081924-FD

Tgt Ion:117 Resp: 130117
Ion Ratio Lower Upper
117 100
82 53.8 42.4 63.6
119 33.1 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY019201.D
Acq: 22 Aug 2024 05:45

Tgt Ion:152 Resp: 42664
Ion Ratio Lower Upper
152 100
115 59.3 28.2 84.7
150 158.6 0.0 345.6

