

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082724\
 Data File : VY019294.D
 Acq On : 27 Aug 2024 18:30
 Operator : SY/MD
 Sample : P3663-11
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 919-J-SD-0-0.5-1-081624

Quant Time: Aug 28 01:48:12 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)

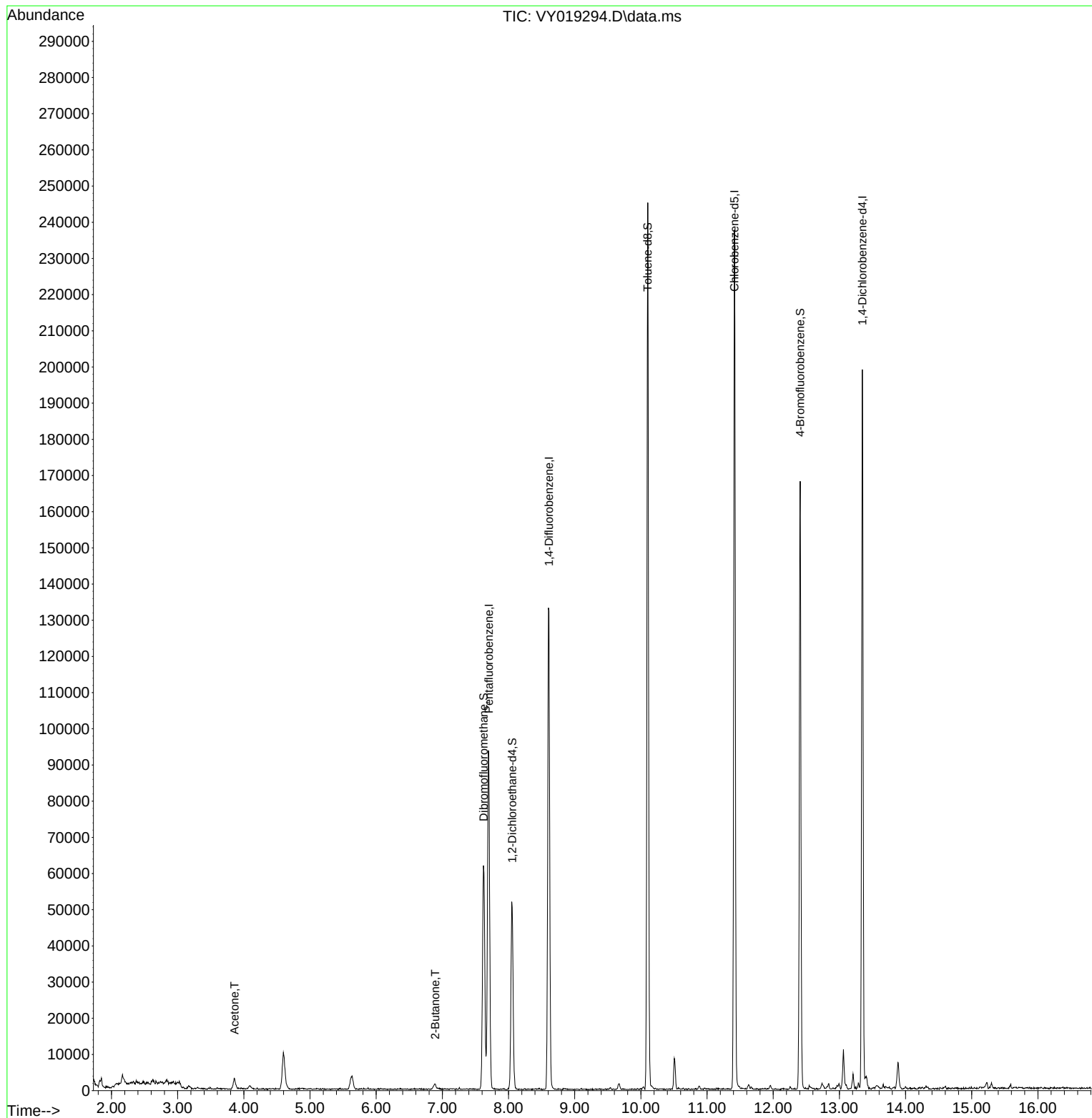
Internal Standards						
1) Pentafluorobenzene	7.701	168	73871	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	118068	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	126231	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	48747	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	41378	55.879	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.760%
35) Dibromofluoromethane	7.622	113	43886	56.847	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.700%
50) Toluene-d8	10.103	98	151506	54.535	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	109.060%
62) 4-Bromofluorobenzene	12.408	95	48410	51.116	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	102.240%
Target Compounds						
						Qvalue
16) Acetone	3.860	43	4794	34.909	ug/l	98
25) 2-Butanone	6.890	43	1618	7.316	ug/l #	88

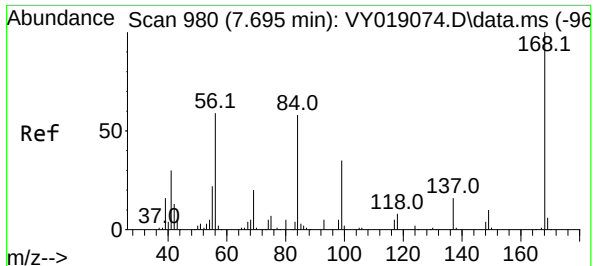
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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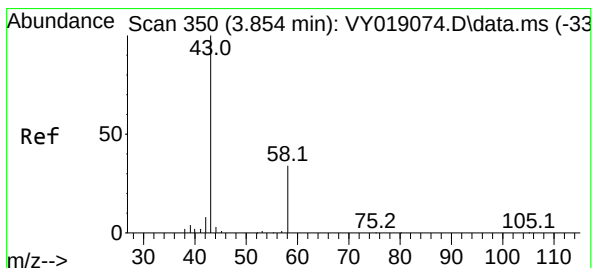
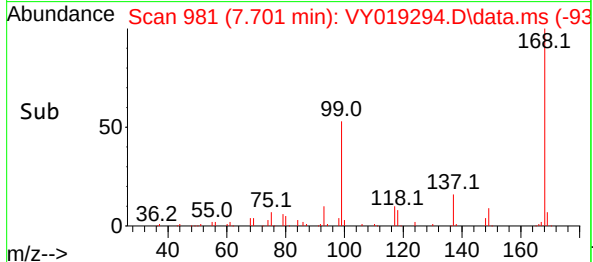
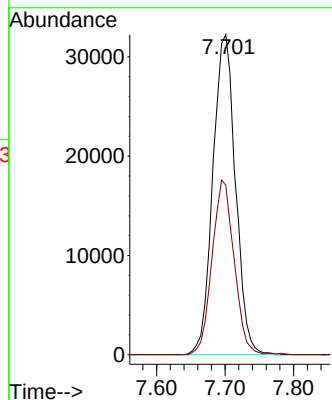
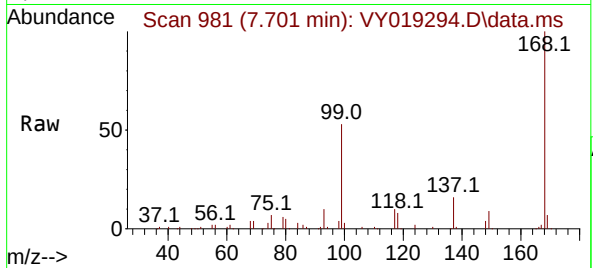




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019294.D
Acq: 27 Aug 2024 18:30

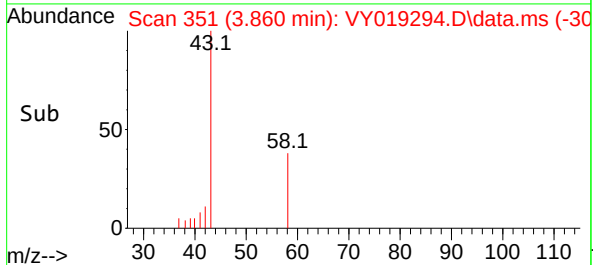
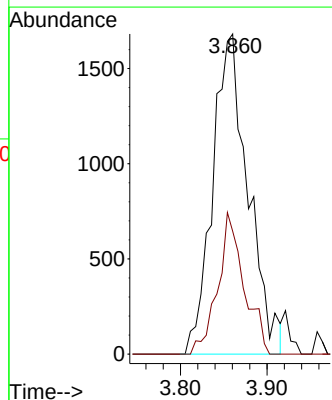
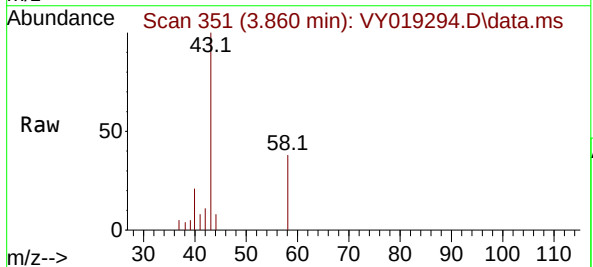
Instrument :
MSVOA_Y
ClientSampleId :
919-J-SD-0-0.5-1-081624

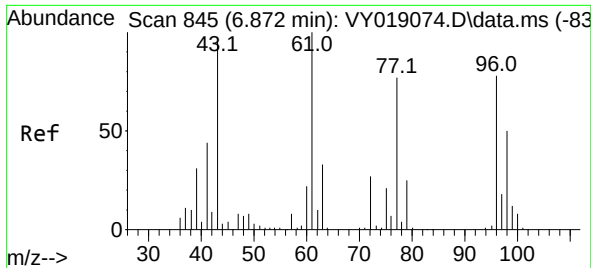
Tgt Ion:168 Resp: 73871
Ion Ratio Lower Upper
168 100
99 53.0 39.1 58.7



#16
Acetone
Concen: 34.909 ug/l
RT: 3.860 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY019294.D
Acq: 27 Aug 2024 18:30

Tgt Ion: 43 Resp: 4794
Ion Ratio Lower Upper
43 100
58 38.3 31.7 47.5

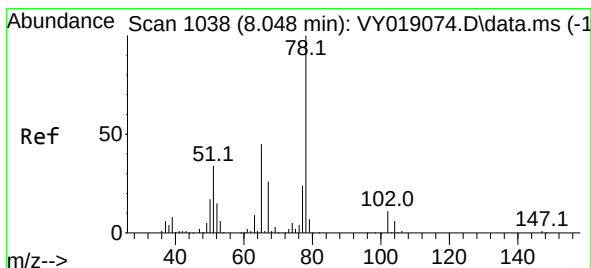
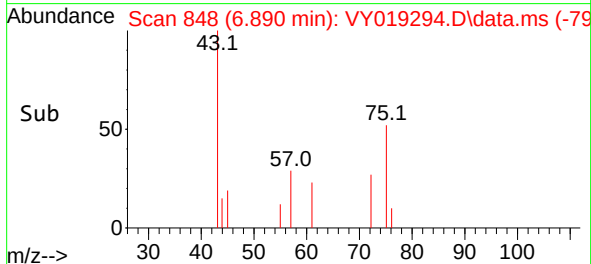
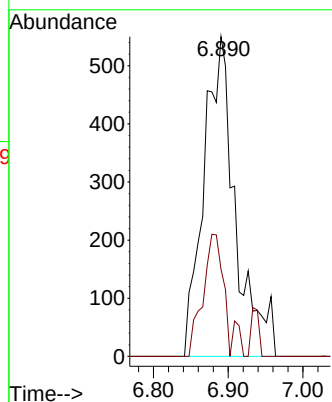
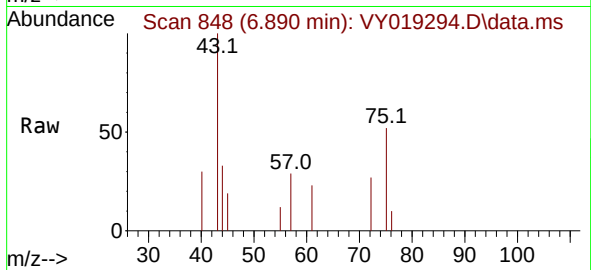




#25
2-Butanone
Concen: 7.316 ug/l
RT: 6.890 min Scan# 845
Delta R.T. 0.019 min
Lab File: VY019294.D
Acq: 27 Aug 2024 18:30

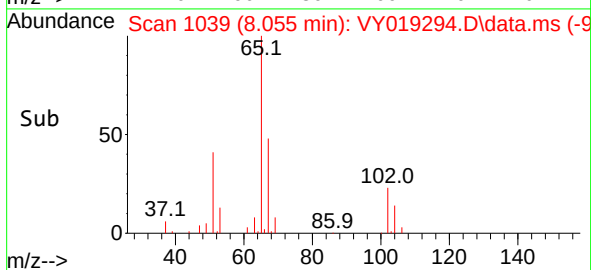
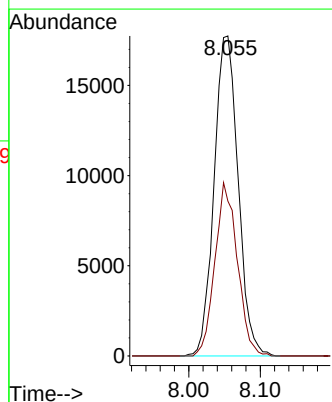
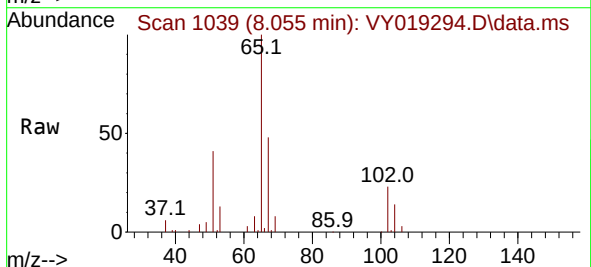
Instrument :
MSVOA_Y
ClientSampleId :
919-J-SD-0-0.5-1-081624

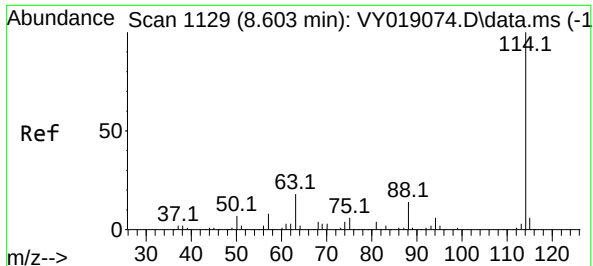
Tgt Ion: 43 Resp: 1618
Ion Ratio Lower Upper
43 100
72 27.3 27.3 40.9#



#33
1,2-Dichloroethane-d4
Concen: 55.879 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY019294.D
Acq: 27 Aug 2024 18:30

Tgt Ion: 65 Resp: 41378
Ion Ratio Lower Upper
65 100
67 50.6 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VY019294.D

Acq: 27 Aug 2024 18:30

Instrument :

MSVOA_Y

ClientSampleId :

919-J-SD-0-0.5-1-081624

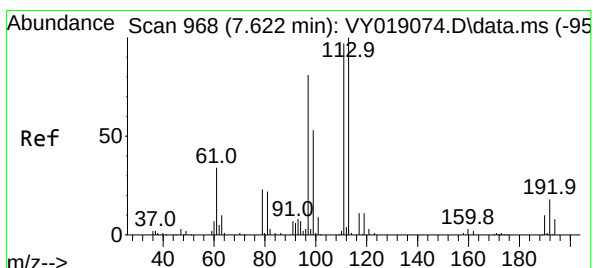
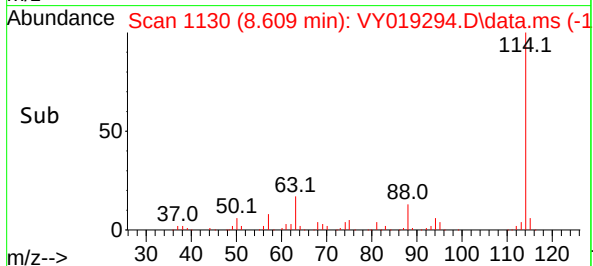
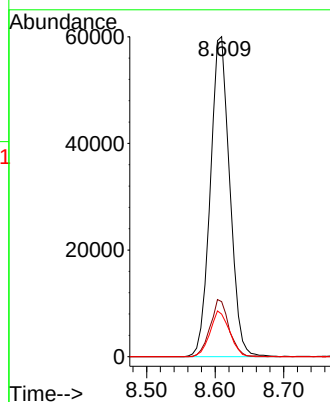
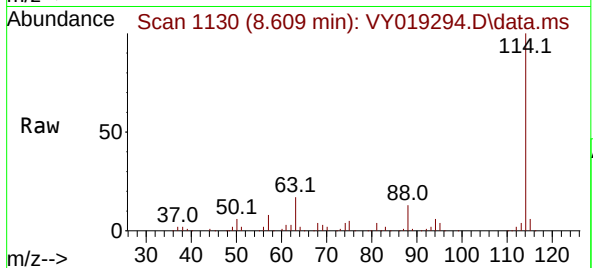
Tgt Ion:114 Resp: 118068

Ion Ratio Lower Upper

114 100

63 17.2 0.0 35.0

88 13.3 0.0 27.2



#35

Dibromofluoromethane

Concen: 56.847 ug/l

RT: 7.622 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY019294.D

Acq: 27 Aug 2024 18:30

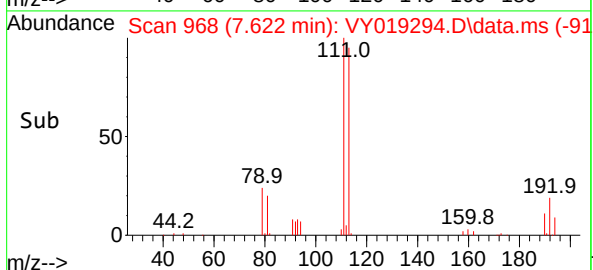
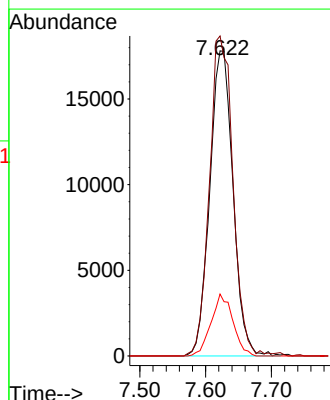
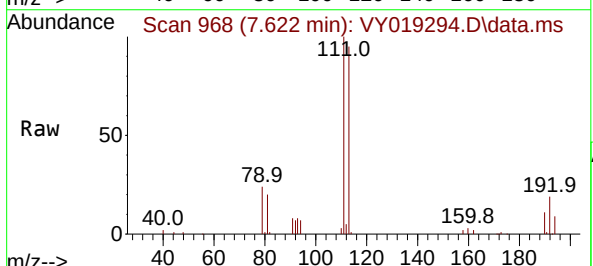
Tgt Ion:113 Resp: 43886

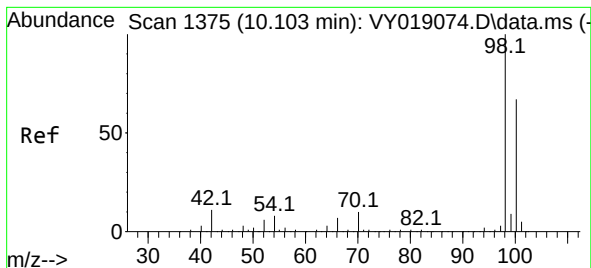
Ion Ratio Lower Upper

113 100

111 105.9 82.2 123.4

192 19.1 15.9 23.9





#50

Toluene-d8

Concen: 54.535 ug/l

RT: 10.103 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019294.D

Acq: 27 Aug 2024 18:30

Instrument :

MSVOA_Y

ClientSampleId :

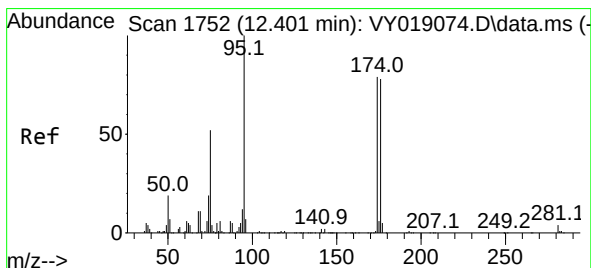
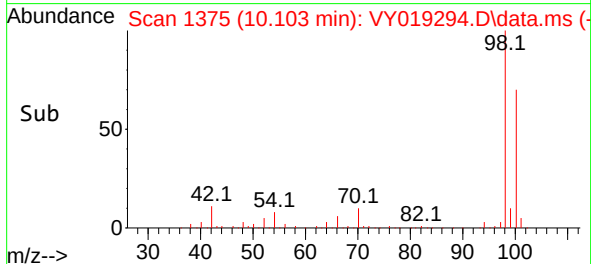
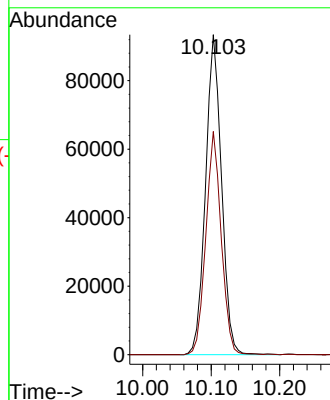
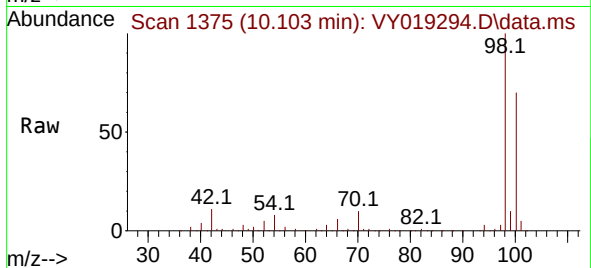
919-J-SD-0-0.5-1-081624

Tgt Ion: 98 Resp: 151506

Ion Ratio Lower Upper

98 100

100 67.3 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 51.116 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY019294.D

Acq: 27 Aug 2024 18:30

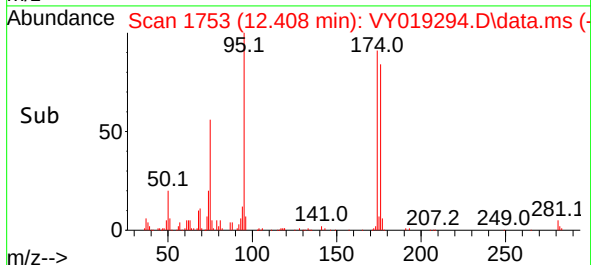
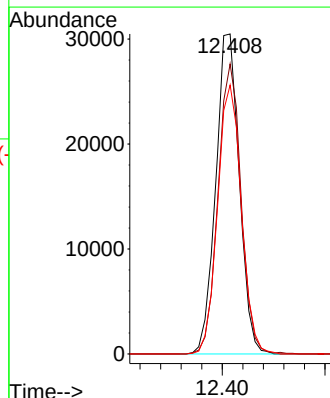
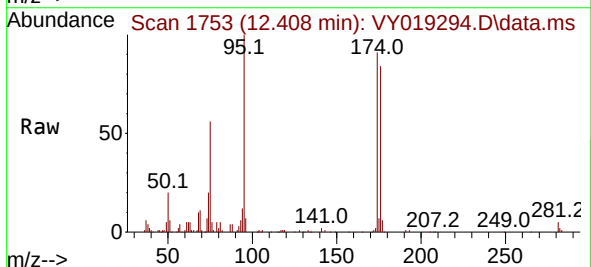
Tgt Ion: 95 Resp: 48410

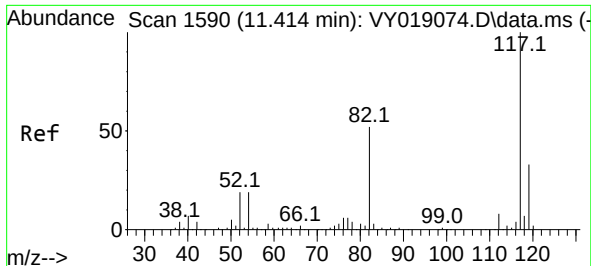
Ion Ratio Lower Upper

95 100

174 88.9 0.0 175.6

176 84.8 0.0 171.4

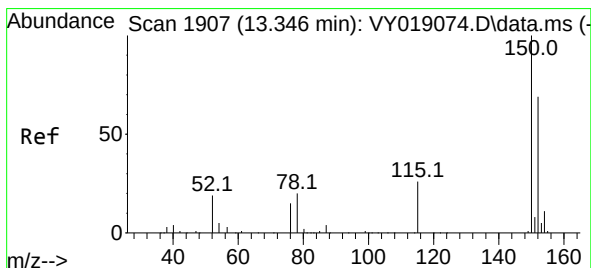
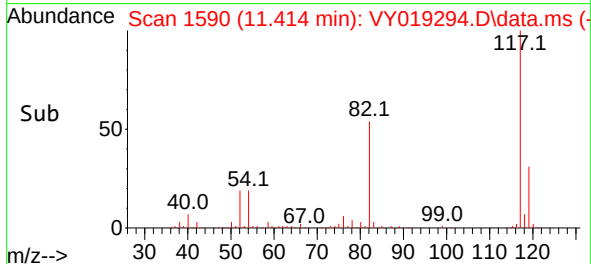
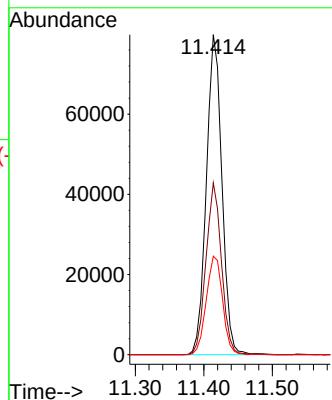
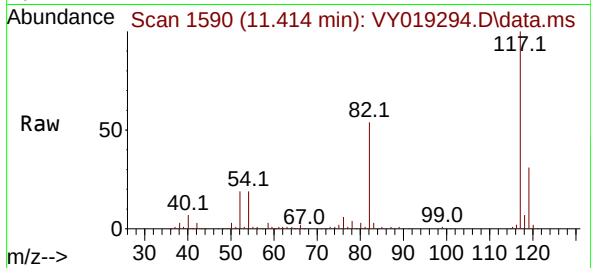




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY019294.D
Acq: 27 Aug 2024 18:30

Instrument :
MSVOA_Y
ClientSampleId :
919-J-SD-0-0.5-1-081624

Tgt Ion:117 Resp: 126231
Ion Ratio Lower Upper
117 100
82 53.7 42.4 63.6
119 30.8 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY019294.D
Acq: 27 Aug 2024 18:30

Tgt Ion:152 Resp: 48747
Ion Ratio Lower Upper
152 100
115 59.2 28.2 84.7
150 158.2 0.0 345.6

