

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082024\
 Data File : VY019156.D
 Acq On : 20 Aug 2024 17:16
 Operator : SY/MD
 Sample : P3643-09
 Misc : 7.39g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 924-K1-SD-0-0.5-081524

Quant Time: Aug 21 01:32:13 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)

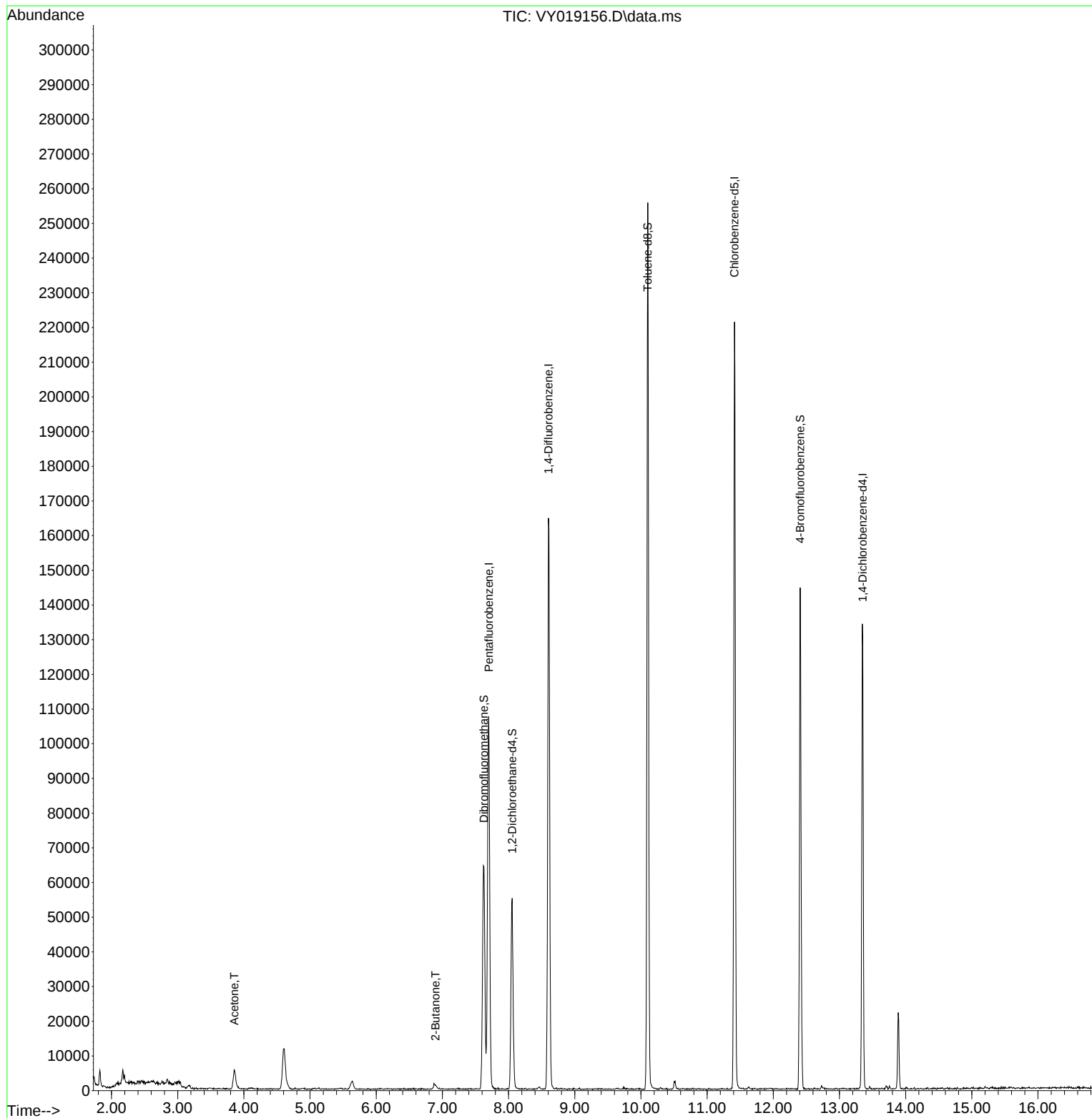
Internal Standards						
1) Pentafluorobenzene	7.701	168	82975	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	145388	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	118985	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	34380	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.054	65	43346	52.114	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.220%
35) Dibromofluoromethane	7.628	113	46257	48.659	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.320%
50) Toluene-d8	10.103	98	162180	47.407	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.820%
62) 4-Bromofluorobenzene	12.407	95	41579	35.653	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	71.300%
Target Compounds						
					Qvalue	
16) Acetone	3.854	43	9408	60.991	ug/l	95
25) 2-Butanone	6.896	43	2266	9.122	ug/l	98

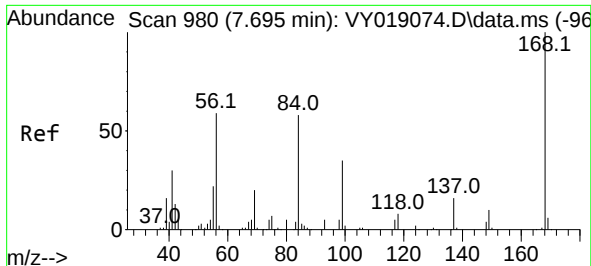
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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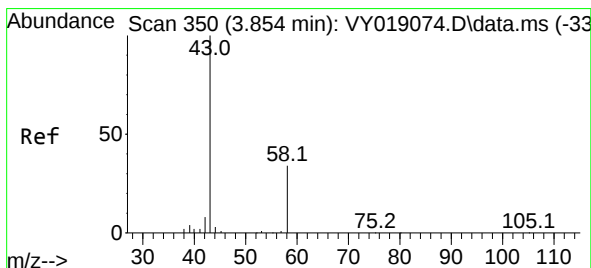
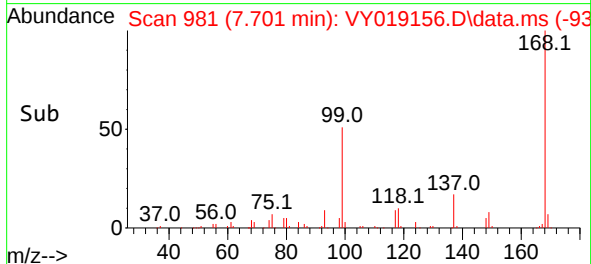
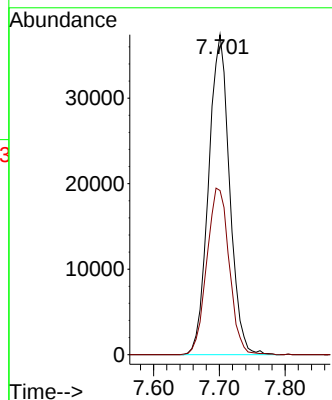
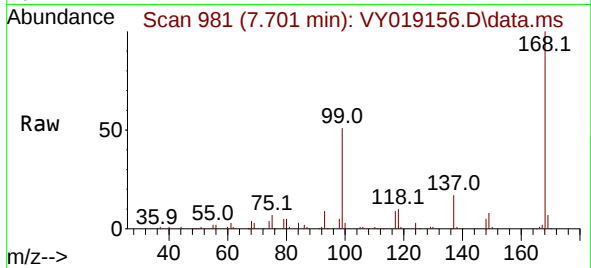




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY019156.D
Acq: 20 Aug 2024 17:16

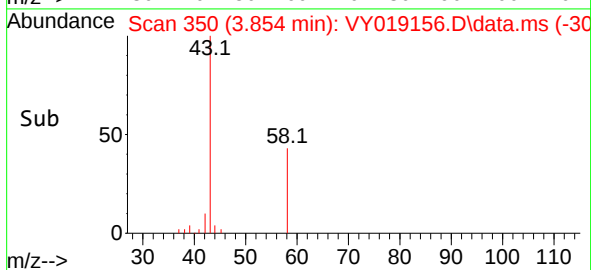
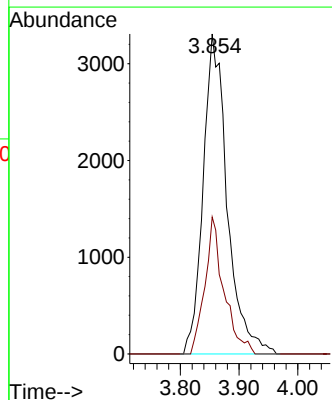
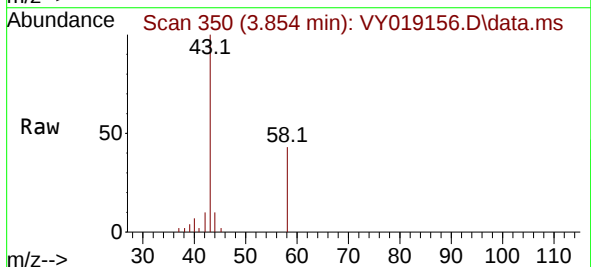
Instrument :
MSVOA_Y
ClientSampleId :
924-K1-SD-0-0.5-081524

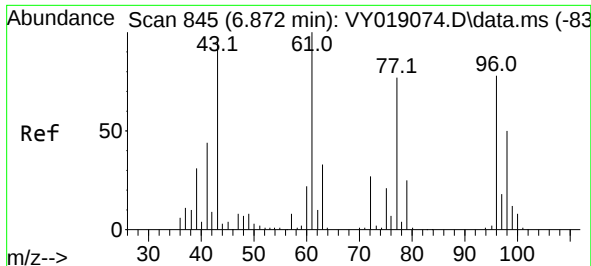
Tgt Ion:168 Resp: 82975
Ion Ratio Lower Upper
168 100
99 51.3 39.1 58.7



#16
Acetone
Concen: 60.991 ug/l
RT: 3.854 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY019156.D
Acq: 20 Aug 2024 17:16

Tgt Ion: 43 Resp: 9408
Ion Ratio Lower Upper
43 100
58 42.8 31.7 47.5





#25

2-Butanone

Concen: 9.122 ug/l

RT: 6.896 min Scan# 84

Delta R.T. 0.024 min

Lab File: VY019156.D

Acq: 20 Aug 2024 17:16

Instrument :

MSVOA_Y

ClientSampleId :

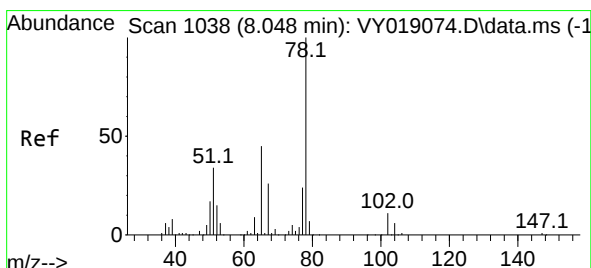
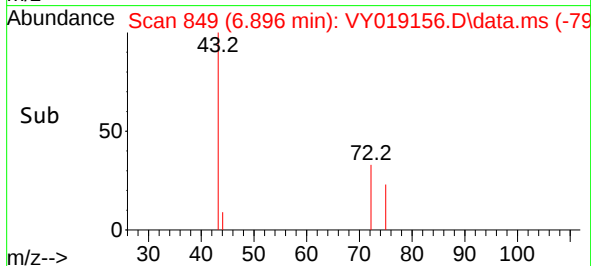
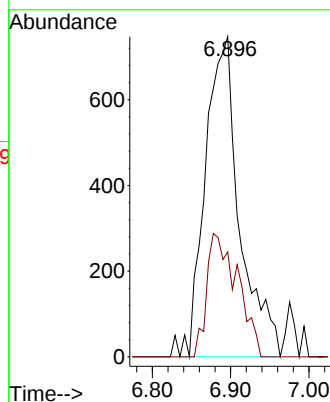
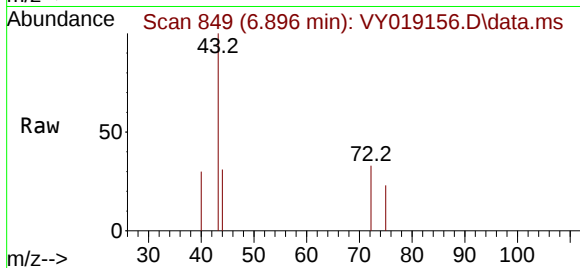
924-K1-SD-0-0.5-081524

Tgt Ion: 43 Resp: 2266

Ion Ratio Lower Upper

43 100

72 32.8 27.3 40.9



#33

1,2-Dichloroethane-d4

Concen: 52.114 ug/l

RT: 8.054 min Scan# 1039

Delta R.T. 0.006 min

Lab File: VY019156.D

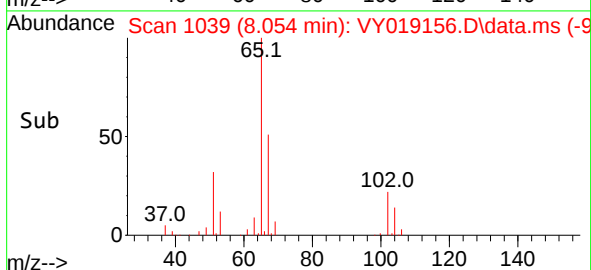
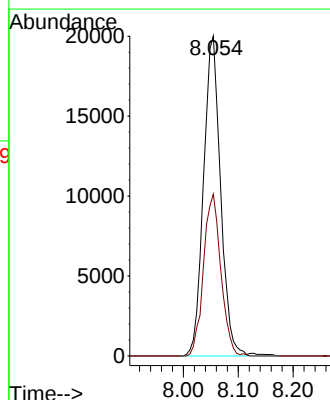
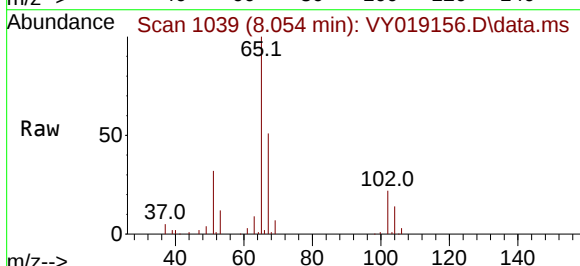
Acq: 20 Aug 2024 17:16

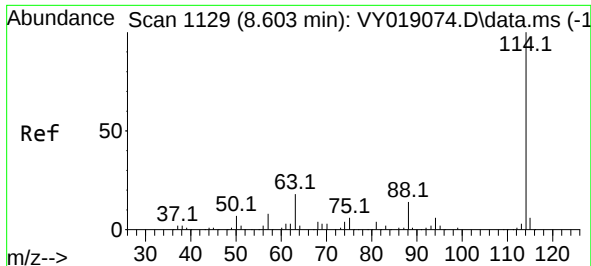
Tgt Ion: 65 Resp: 43346

Ion Ratio Lower Upper

65 100

67 51.2 0.0 109.6

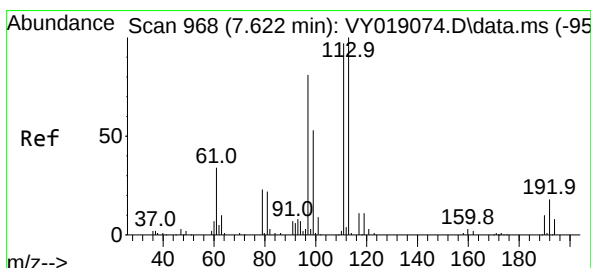
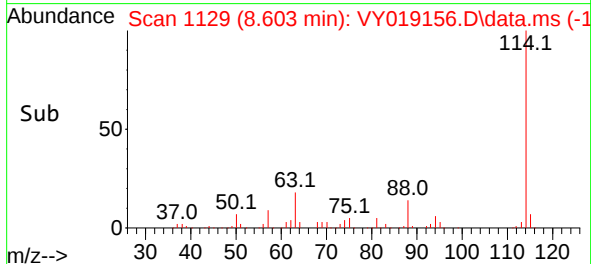
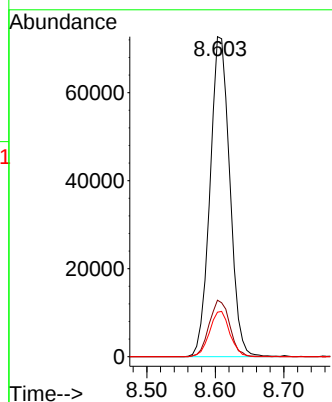
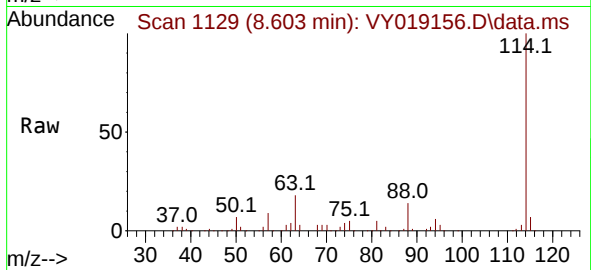




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.603 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VY019156.D
Acq: 20 Aug 2024 17:16

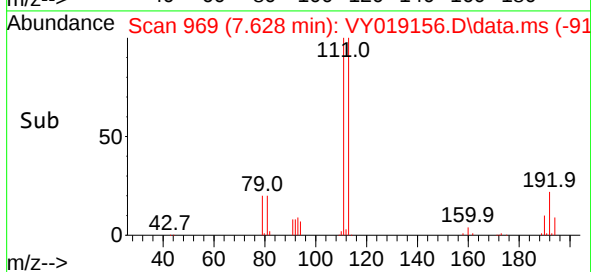
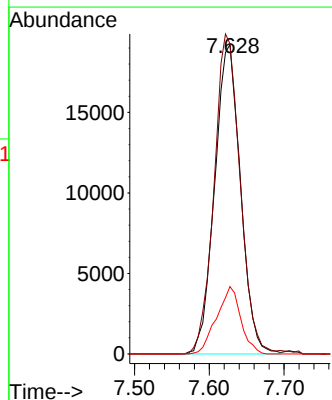
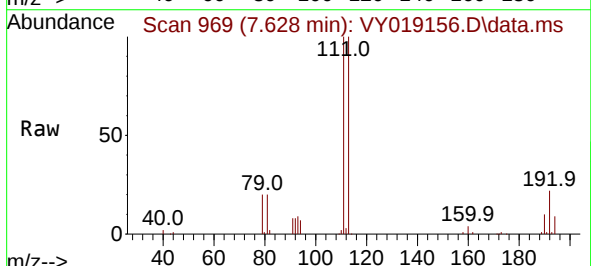
Instrument :
MSVOA_Y
ClientSampleId :
924-K1-SD-0-0.5-081524

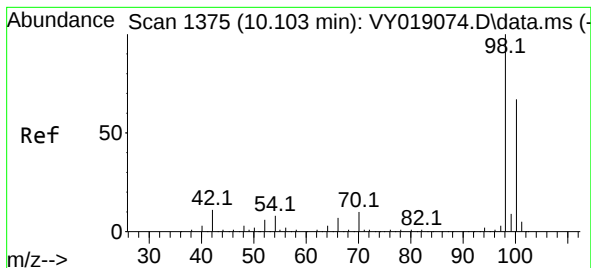
Tgt Ion:114 Resp: 145388
Ion Ratio Lower Upper
114 100
63 17.7 0.0 35.0
88 13.9 0.0 27.2



#35
Dibromofluoromethane
Concen: 48.659 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY019156.D
Acq: 20 Aug 2024 17:16

Tgt Ion:113 Resp: 46257
Ion Ratio Lower Upper
113 100
111 104.5 82.2 123.4
192 20.3 15.9 23.9





#50

Toluene-d8

Concen: 47.407 ug/l

RT: 10.103 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019156.D

Acq: 20 Aug 2024 17:16

Instrument :

MSVOA_Y

ClientSampleId :

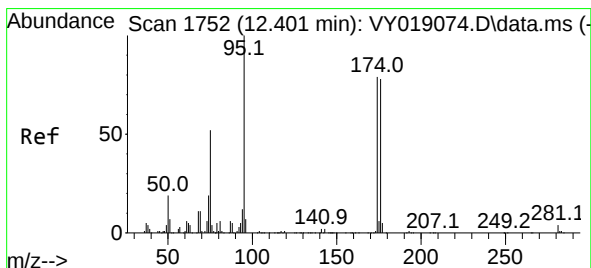
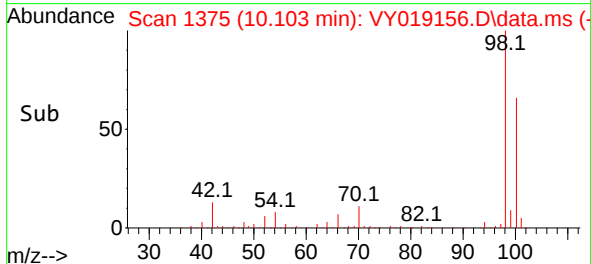
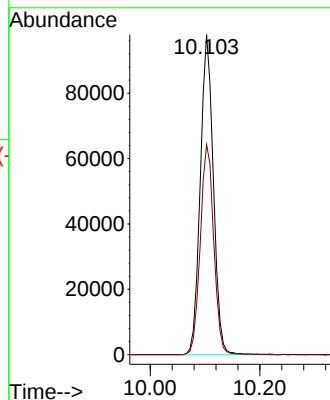
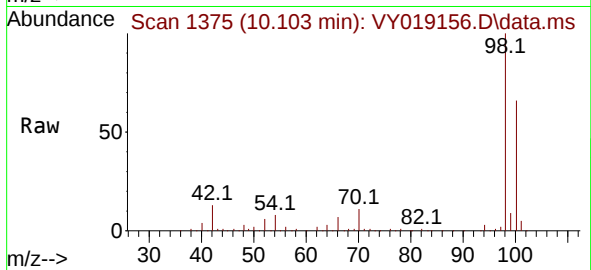
924-K1-SD-0-0.5-081524

Tgt Ion: 98 Resp: 162180

Ion Ratio Lower Upper

98 100

100 67.5 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 35.653 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY019156.D

Acq: 20 Aug 2024 17:16

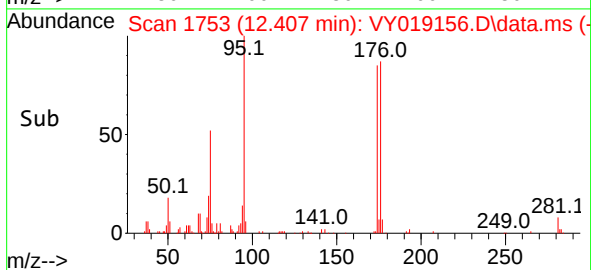
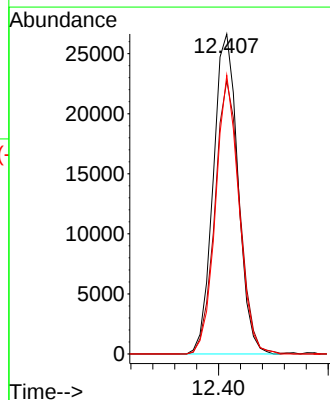
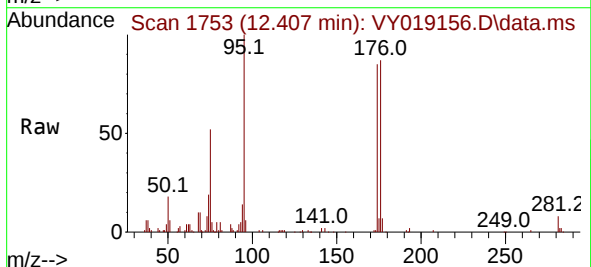
Tgt Ion: 95 Resp: 41579

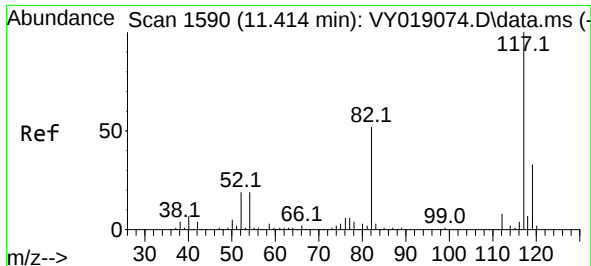
Ion Ratio Lower Upper

95 100

174 86.2 0.0 175.6

176 82.4 0.0 171.4

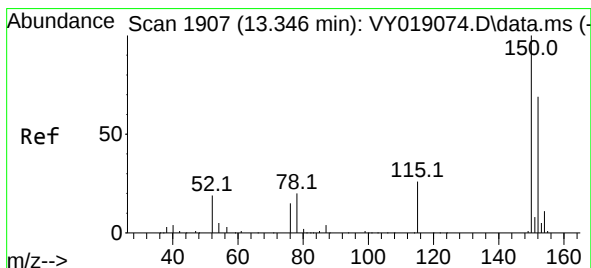
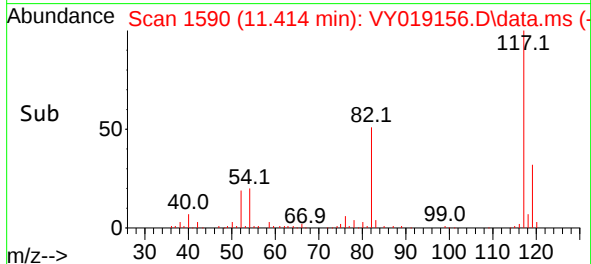
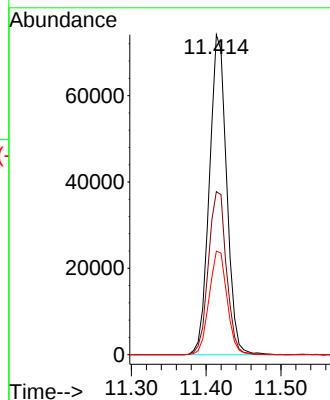
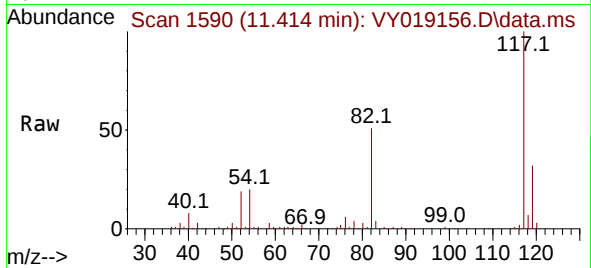




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019156.D
Acq: 20 Aug 2024 17:16

Instrument :
MSVOA_Y
ClientSampleId :
924-K1-SD-0-0.5-081524

Tgt Ion:117 Resp: 118985
Ion Ratio Lower Upper
117 100
82 51.0 42.4 63.6
119 32.4 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: VY019156.D
Acq: 20 Aug 2024 17:16

Tgt Ion:152 Resp: 34380
Ion Ratio Lower Upper
152 100
115 54.7 28.2 84.7
150 154.1 0.0 345.6

