

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082124\
 Data File : VY019195.D
 Acq On : 22 Aug 2024 03:21
 Operator : SY/MD
 Sample : P3671-01
 Misc : 7.48g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-904-J-SO-0-0.5-081924

Quant Time: Aug 22 04:43:18 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)

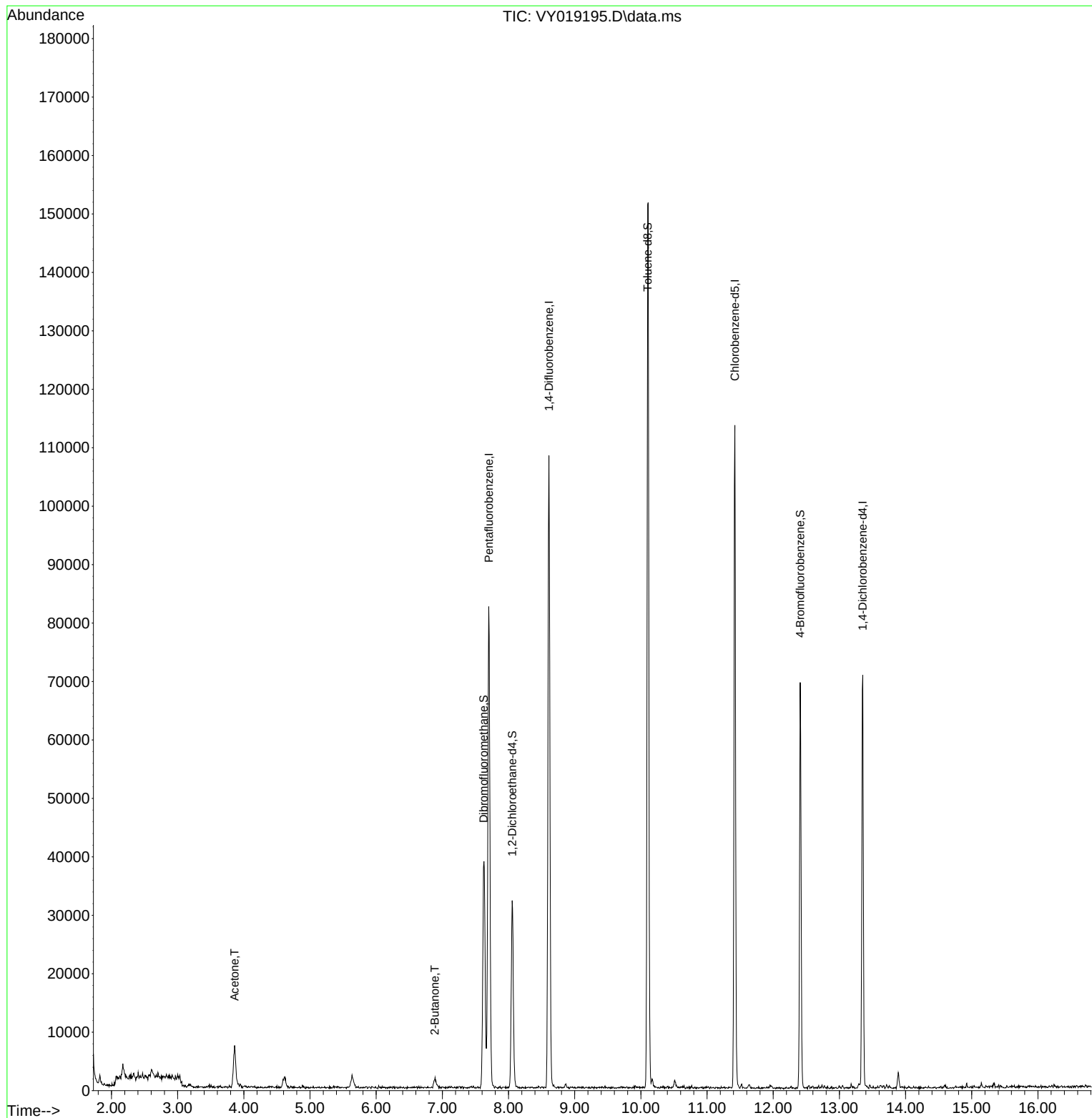
Internal Standards						
1) Pentafluorobenzene	7.701	168	63016	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	93318	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	60733	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	17769	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	25752	40.767	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	81.540%
35) Dibromofluoromethane	7.622	113	28322	46.417	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.840%
50) Toluene-d8	10.103	98	103704	47.229	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.460%
62) 4-Bromofluorobenzene	12.408	95	20461	27.335	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	54.660%
Target Compounds						
					Qvalue	
16) Acetone	3.861	43	11441	97.663	ug/l #	87
25) 2-Butanone	6.884	43	2609	13.829	ug/l #	86

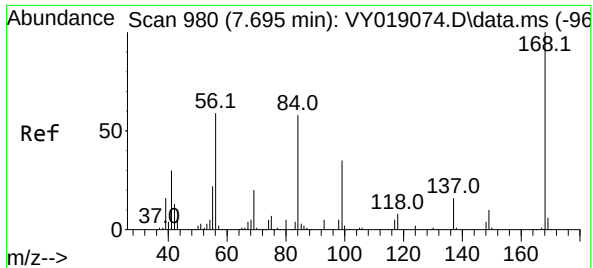
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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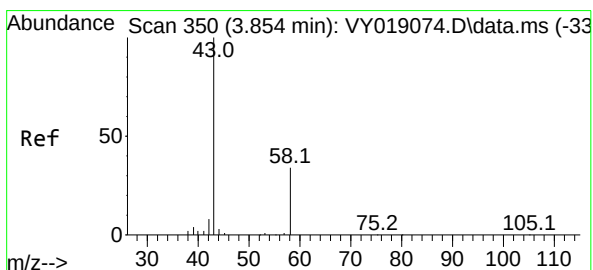
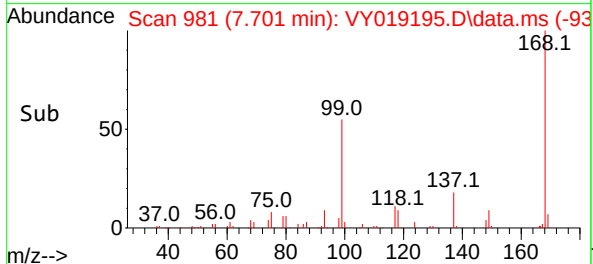
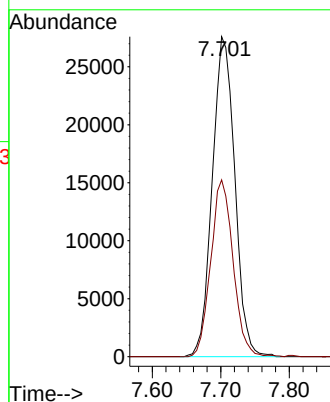
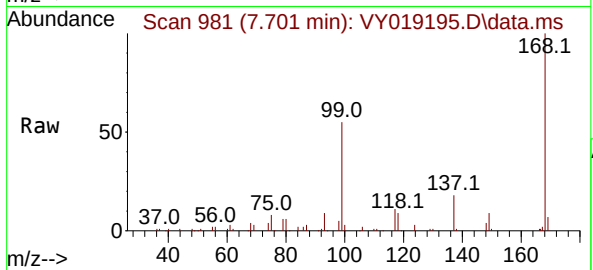




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019195.D
Acq: 22 Aug 2024 03:21

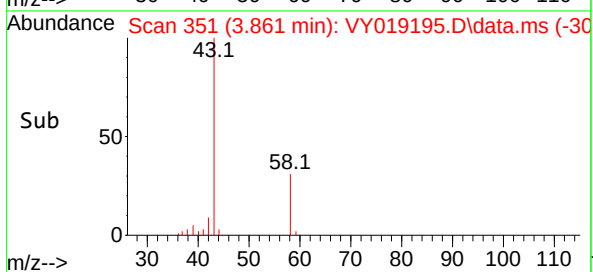
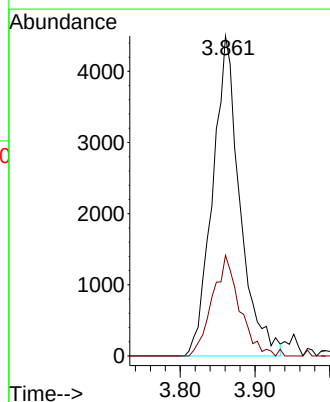
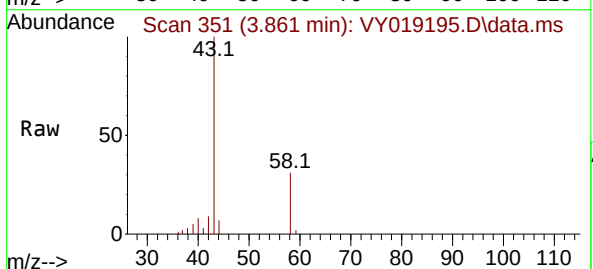
Instrument :
MSVOA_Y
ClientSampleId :
S-904-J-SO-0-0.5-081924

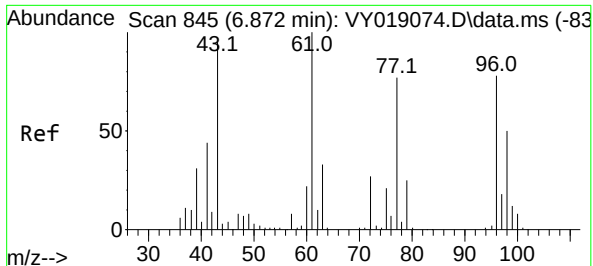
Tgt Ion:168 Resp: 63016
Ion Ratio Lower Upper
168 100
99 55.2 39.1 58.7



#16
Acetone
Concen: 97.663 ug/l
RT: 3.861 min Scan# 351
Delta R.T. 0.007 min
Lab File: VY019195.D
Acq: 22 Aug 2024 03:21

Tgt Ion: 43 Resp: 11441
Ion Ratio Lower Upper
43 100
58 31.4 31.7 47.5#

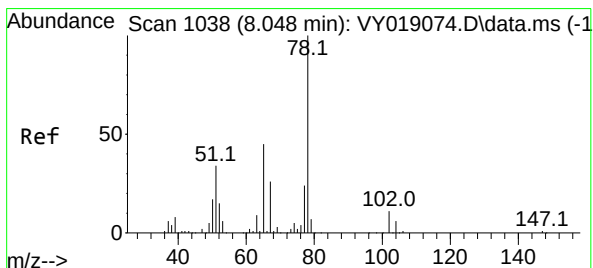
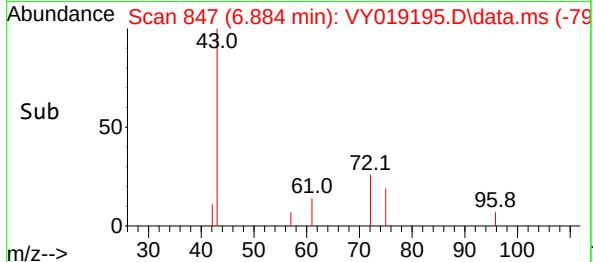
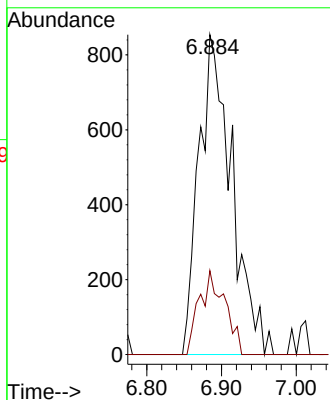
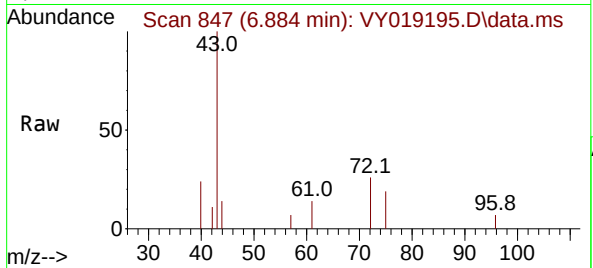




#25
2-Butanone
Concen: 13.829 ug/l
RT: 6.884 min Scan# 845
Delta R.T. 0.013 min
Lab File: VY019195.D
Acq: 22 Aug 2024 03:21

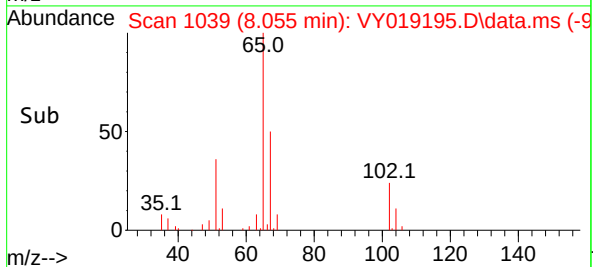
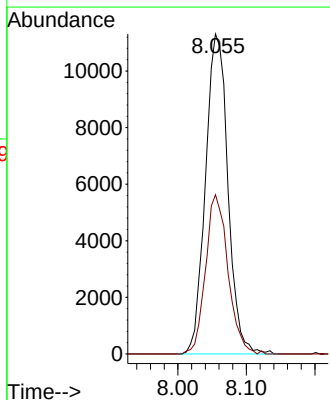
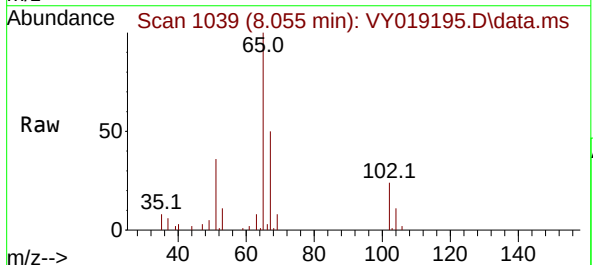
Instrument :
MSVOA_Y
ClientSampleId :
S-904-J-SO-0-0.5-081924

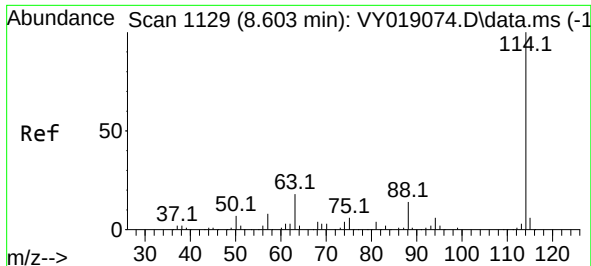
Tgt Ion: 43 Resp: 2609
Ion Ratio Lower Upper
43 100
72 26.2 27.3 40.9#



#33
1,2-Dichloroethane-d4
Concen: 40.767 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. 0.007 min
Lab File: VY019195.D
Acq: 22 Aug 2024 03:21

Tgt Ion: 65 Resp: 25752
Ion Ratio Lower Upper
65 100
67 49.7 0.0 109.6

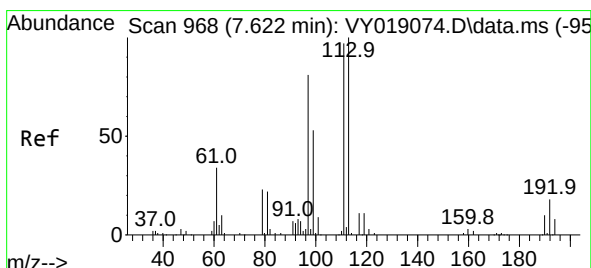
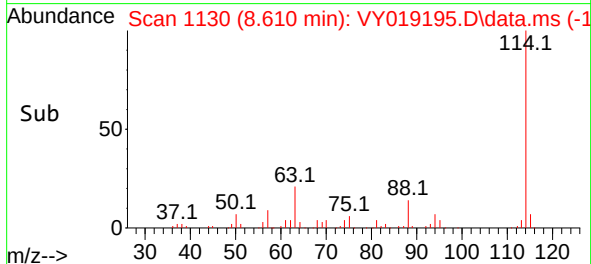
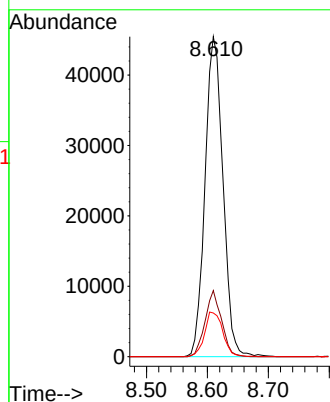
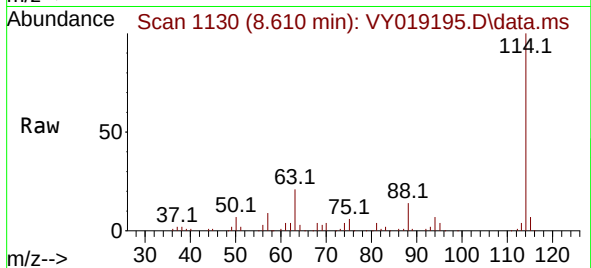




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.610 min Scan# 1129
Delta R.T. 0.007 min
Lab File: VY019195.D
Acq: 22 Aug 2024 03:21

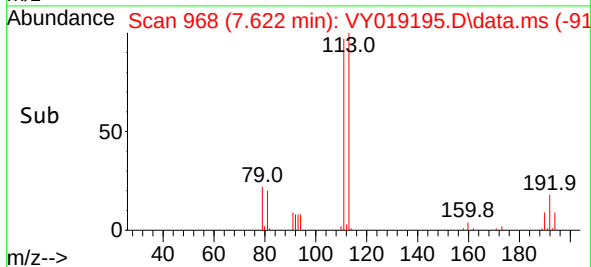
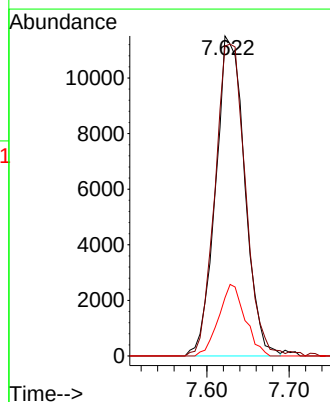
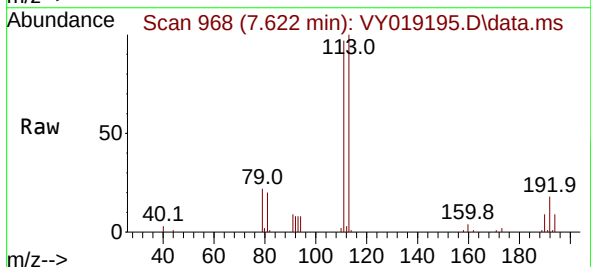
Instrument :
MSVOA_Y
ClientSampleId :
S-904-J-SO-0-0.5-081924

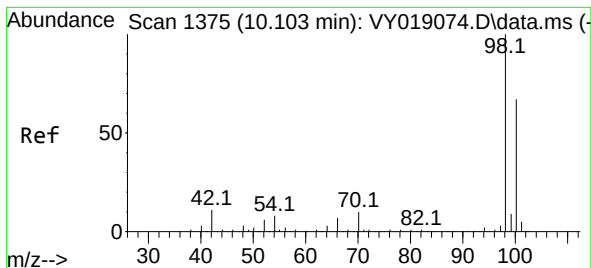
Tgt Ion:114 Resp: 93318
Ion Ratio Lower Upper
114 100
63 20.6 0.0 35.0
88 13.6 0.0 27.2



#35
Dibromofluoromethane
Concen: 46.417 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY019195.D
Acq: 22 Aug 2024 03:21

Tgt Ion:113 Resp: 28322
Ion Ratio Lower Upper
113 100
111 101.4 82.2 123.4
192 20.3 15.9 23.9





#50

Toluene-d8

Concen: 47.229 ug/l

RT: 10.103 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019195.D

Acq: 22 Aug 2024 03:21

Instrument :

MSVOA_Y

ClientSampleId :

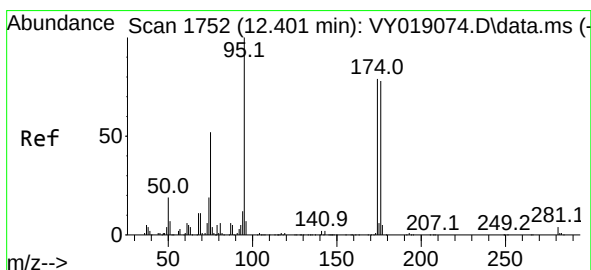
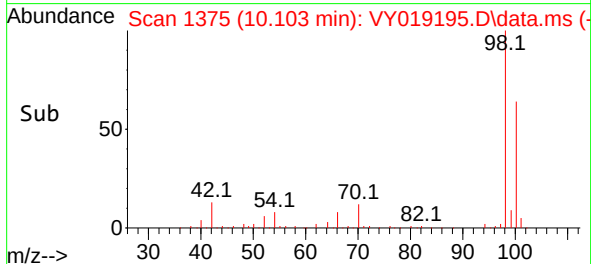
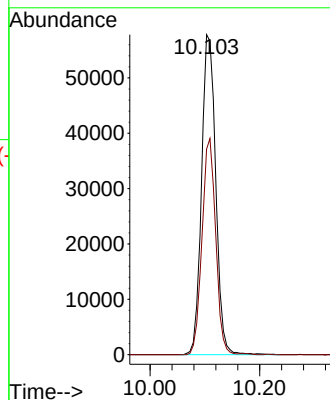
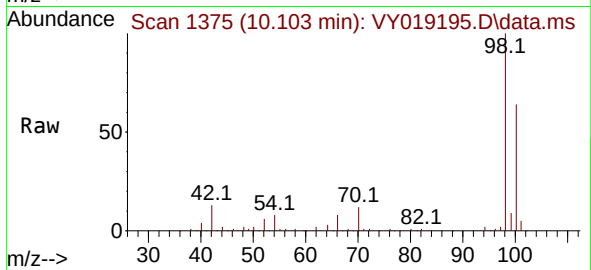
S-904-J-SO-0-0.5-081924

Tgt Ion: 98 Resp: 103704

Ion Ratio Lower Upper

98 100

100 65.3 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 27.335 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.007 min

Lab File: VY019195.D

Acq: 22 Aug 2024 03:21

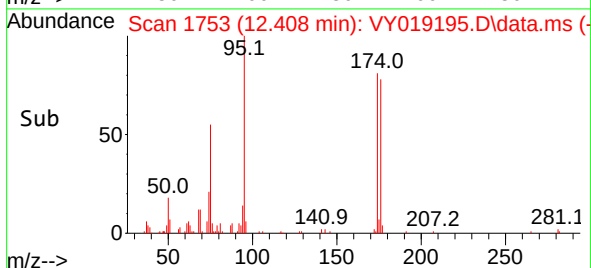
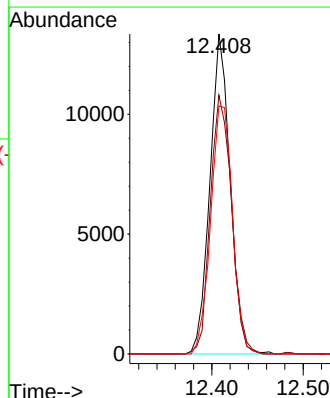
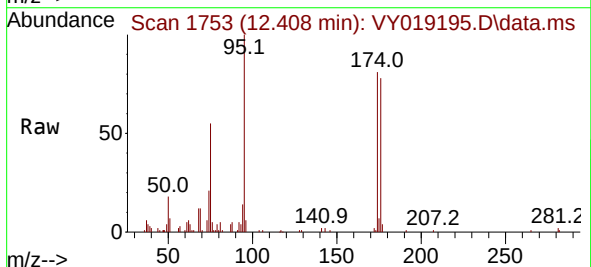
Tgt Ion: 95 Resp: 20461

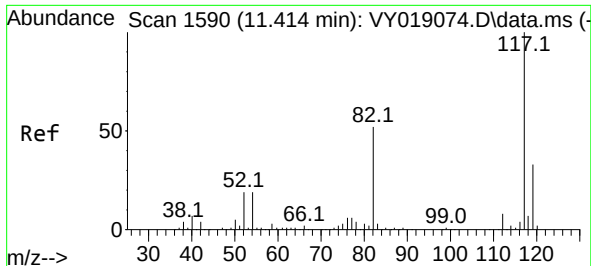
Ion Ratio Lower Upper

95 100

174 85.8 0.0 175.6

176 83.8 0.0 171.4

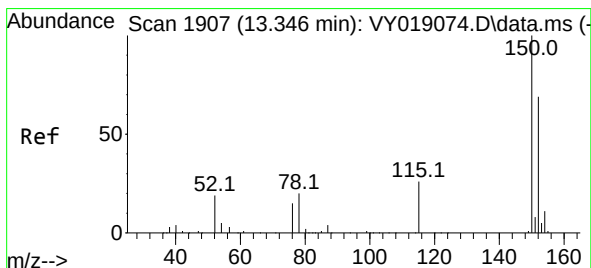
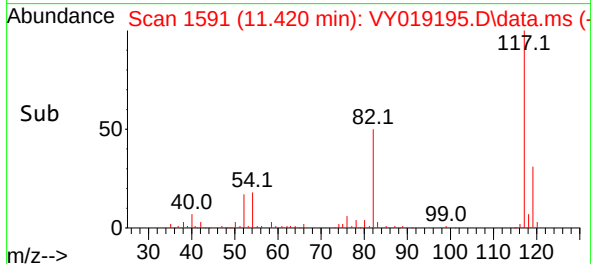
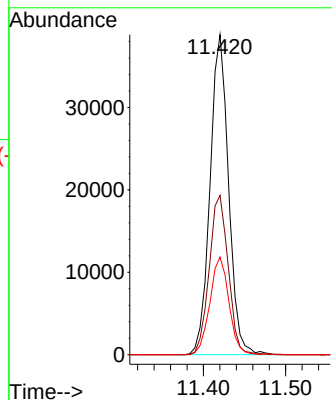
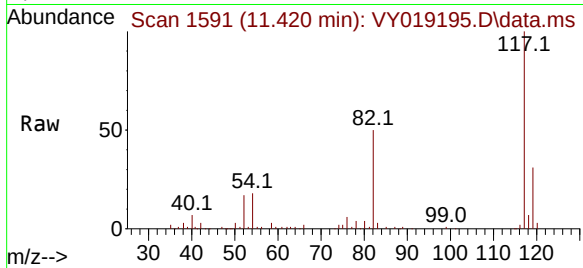




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY019195.D
Acq: 22 Aug 2024 03:21

Instrument :
MSVOA_Y
ClientSampleId :
S-904-J-SO-0-0.5-081924

Tgt Ion:117 Resp: 60733
Ion Ratio Lower Upper
117 100
82 49.8 42.4 63.6
119 30.5 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. 0.007 min
Lab File: VY019195.D
Acq: 22 Aug 2024 03:21

Tgt Ion:152 Resp: 17769
Ion Ratio Lower Upper
152 100
115 60.7 28.2 84.7
150 160.8 0.0 345.6

