

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072424\
 Data File : VY018909.D
 Acq On : 24 Jul 2024 14:23
 Operator : SY/MD
 Sample : P3339-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-03-072324

Quant Time: Jul 25 01:30:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 14:28:51 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.777	168	911	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.679	114	852	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	978	50.000	ug/l	# 0.01
72) 1,4-Dichlorobenzene-d4	13.434	152	82	50.000	ug/l	# 0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	419	46.740	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.480%
35) Dibromofluoromethane	7.716	113	285	53.408	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.820%
50) Toluene-d8	10.179	98	1232	60.939	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	121.880%
62) 4-Bromofluorobenzene	12.489	95	78	11.298	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	22.600%#

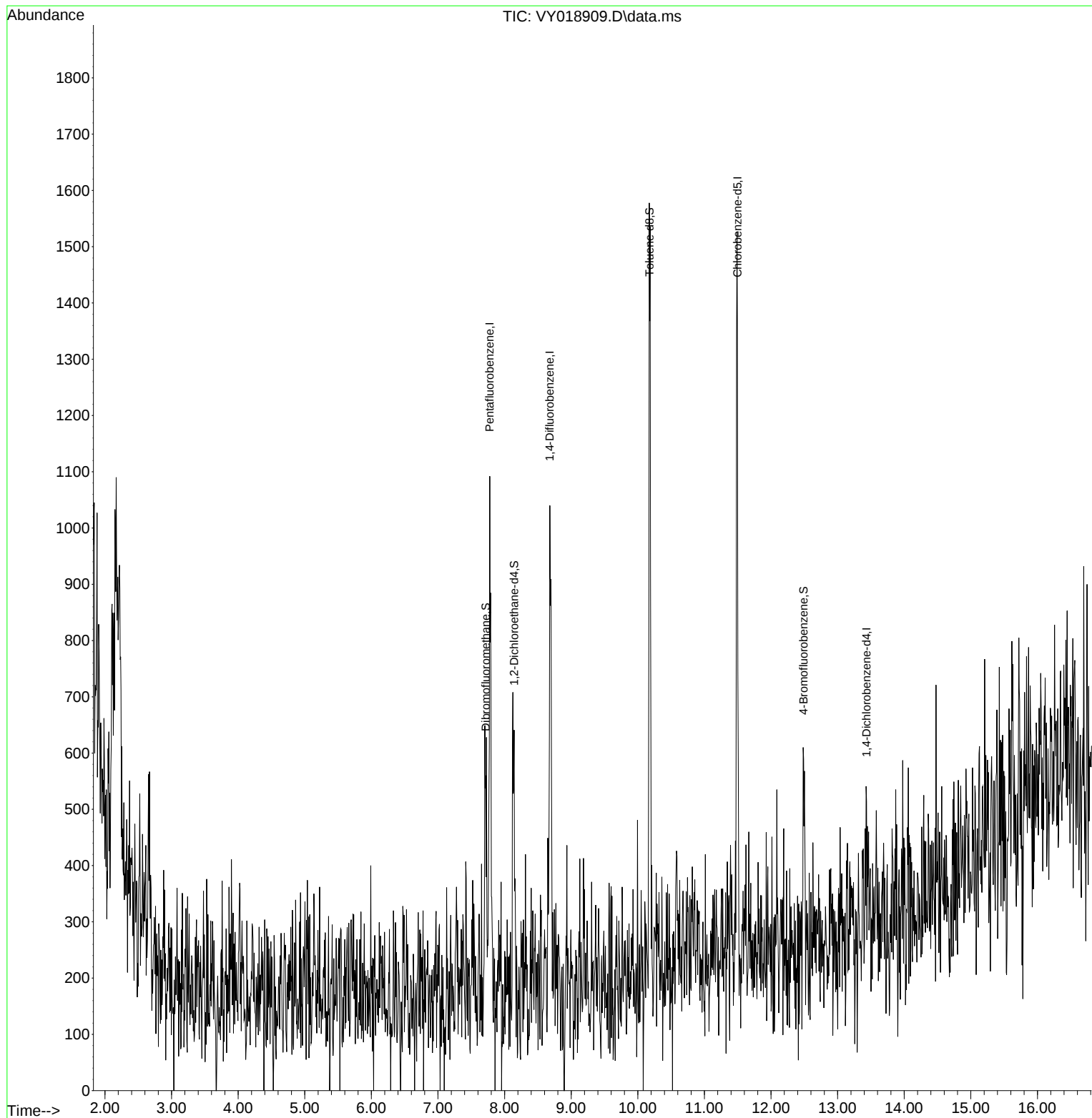
Target Compounds	Qvalue

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

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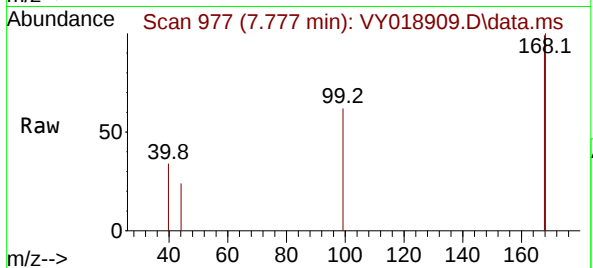
Quant Time: Jul 25 01:30:01 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
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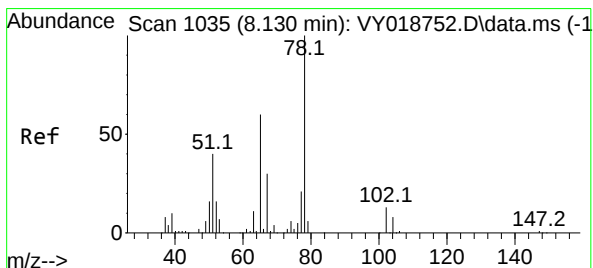
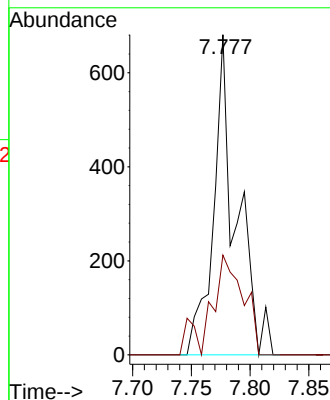
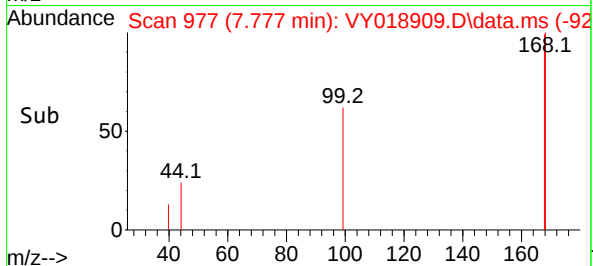


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018909.D
Acq: 24 Jul 2024 14:23

Instrument :
MSVOA_Y
ClientSampleId :
SU-03-072324

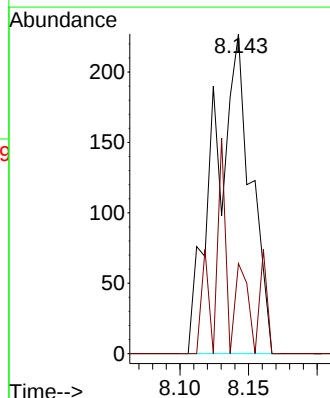
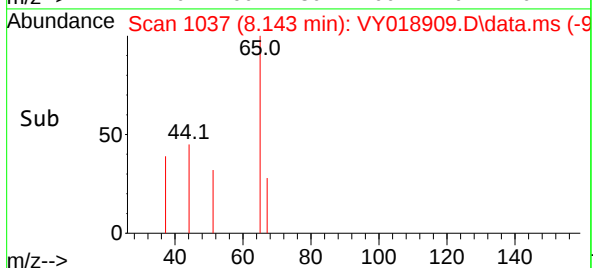
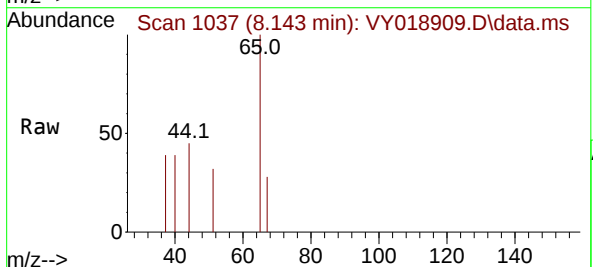


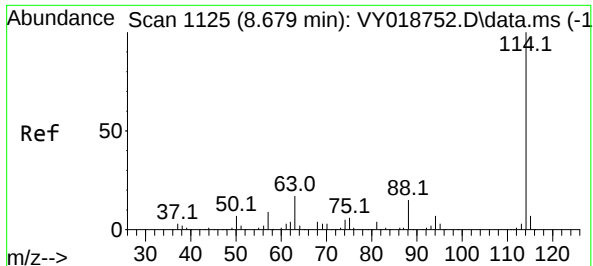
Tgt Ion:168 Resp: 911
Ion Ratio Lower Upper
168 100
99 31.1 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 46.740 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.012 min
Lab File: VY018909.D
Acq: 24 Jul 2024 14:23

Tgt Ion: 65 Resp: 419
Ion Ratio Lower Upper
65 100
67 29.8 0.0 109.6

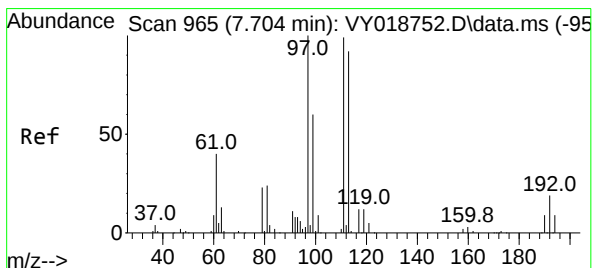
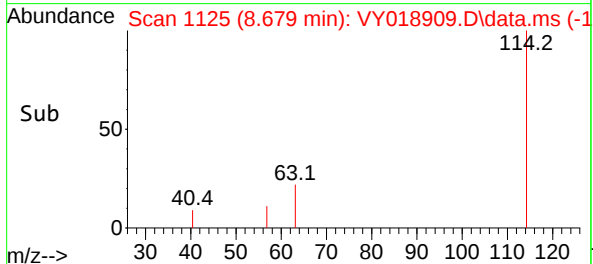
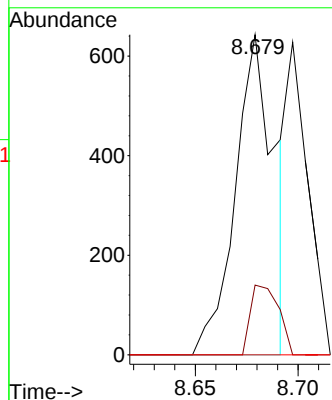
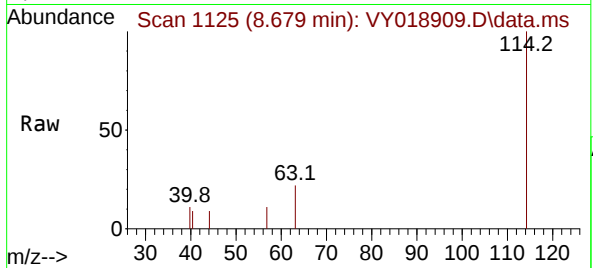




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.679 min Scan# 1125
Delta R.T. 0.000 min
Lab File: VY018909.D
Acq: 24 Jul 2024 14:23

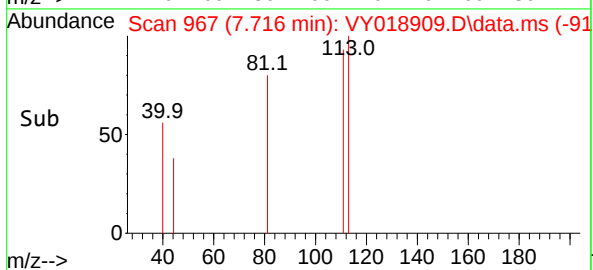
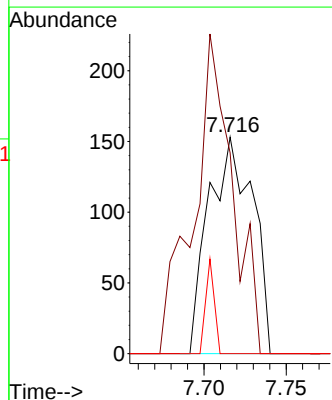
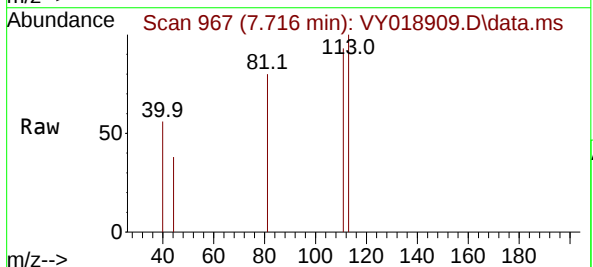
Instrument :
MSVOA_Y
ClientSampleId :
SU-03-072324

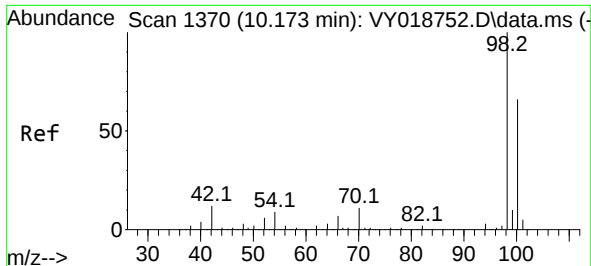
Tgt Ion:114 Resp: 852
Ion Ratio Lower Upper
114 100
63 21.8 0.0 35.0
88 0.0 0.0 27.2



#35
Dibromofluoromethane
Concen: 53.408 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.012 min
Lab File: VY018909.D
Acq: 24 Jul 2024 14:23

Tgt Ion:113 Resp: 285
Ion Ratio Lower Upper
113 100
111 130.2 82.2 123.4#
192 8.8 15.9 23.9#

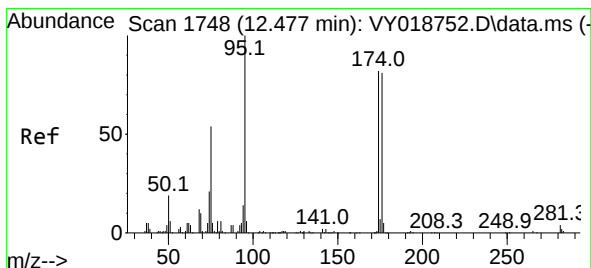
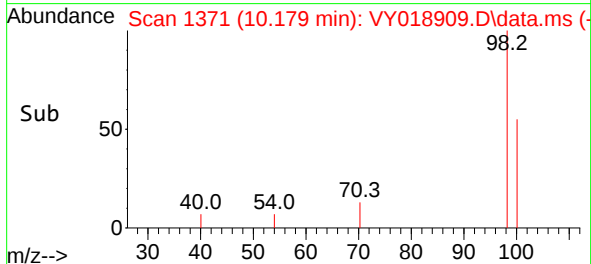
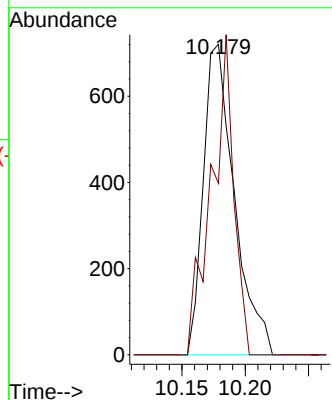
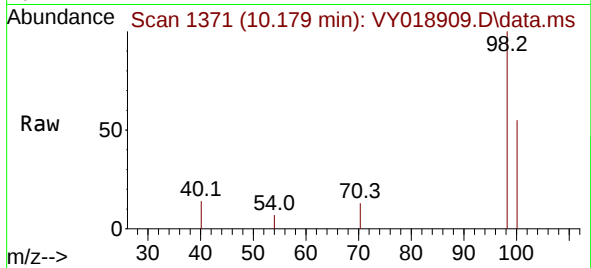




#50
Toluene-d8
Concen: 60.939 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018909.D
Acq: 24 Jul 2024 14:23

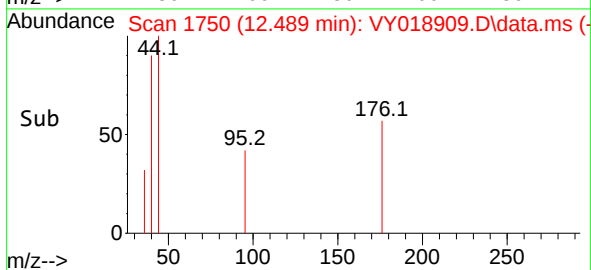
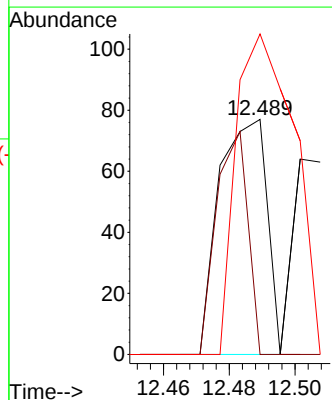
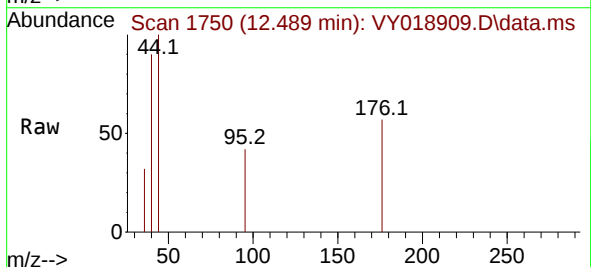
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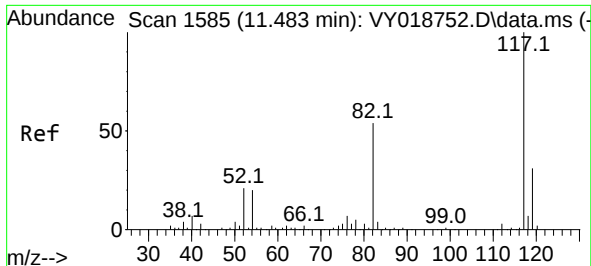
Tgt Ion: 98 Resp: 1232
Ion Ratio Lower Upper
98 100
100 74.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 11.298 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.012 min
Lab File: VY018909.D
Acq: 24 Jul 2024 14:23

Tgt Ion: 95 Resp: 78
Ion Ratio Lower Upper
95 100
174 61.5 0.0 175.6
176 165.4 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY018909.D

Acq: 24 Jul 2024 14:23

Instrument :

MSVOA_Y

ClientSampleId :

SU-03-072324

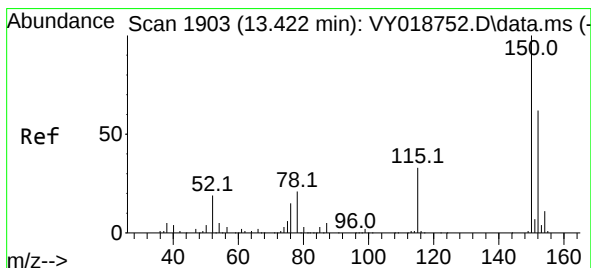
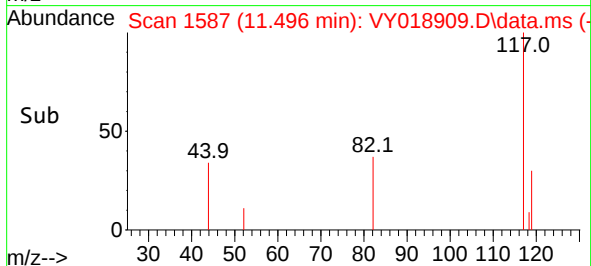
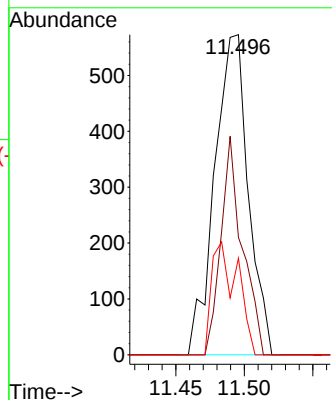
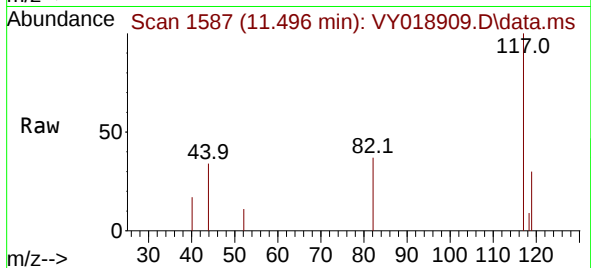
Tgt Ion:117 Resp: 978

Ion Ratio Lower Upper

117 100

82 36.6 42.4 63.6#

119 30.2 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.012 min

Lab File: VY018909.D

Acq: 24 Jul 2024 14:23

Tgt Ion:152 Resp: 82

Ion Ratio Lower Upper

152 100

115 0.0 28.2 84.7#

150 141.5 0.0 345.6

