

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082024\
 Data File : VY019145.D
 Acq On : 20 Aug 2024 12:51
 Operator : SY/MD
 Sample : P3617-10RE
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VCPS-B5-081424-DUPRE

Quant Time: Aug 21 01:28:47 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)

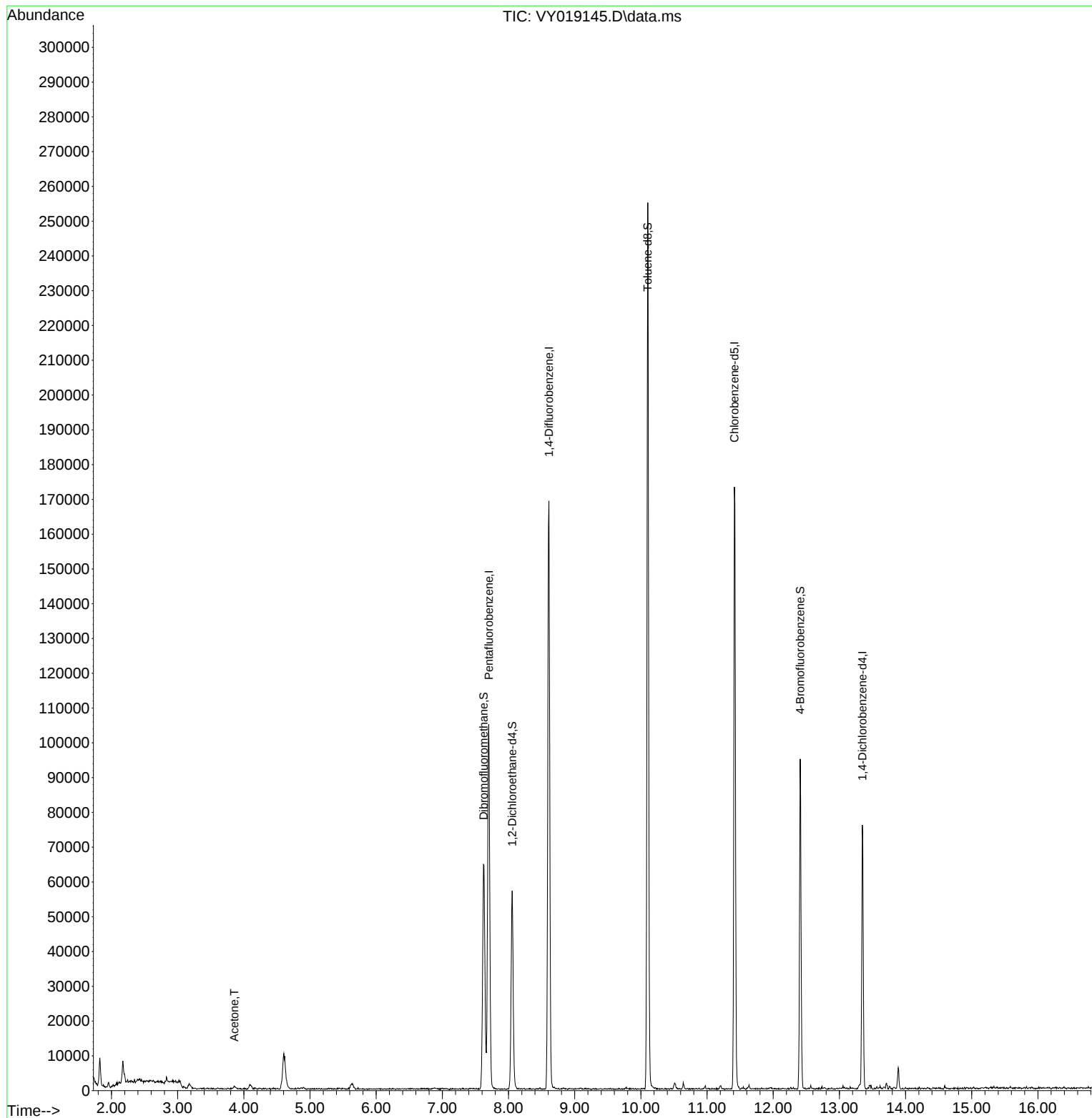
Internal Standards						
1) Pentafluorobenzene	7.701	168	83427	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	149474	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	96214	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	19037	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	43167	51.617	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.240%	
35) Dibromofluoromethane	7.622	113	46279	47.352	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 94.700%	
50) Toluene-d8	10.103	98	160345	45.590	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 91.180%	
62) 4-Bromofluorobenzene	12.408	95	27231	22.712	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 45.420%	
Target Compounds						
16) Acetone	3.854	43	1130	7.286	ug/l	Qvalue # 84

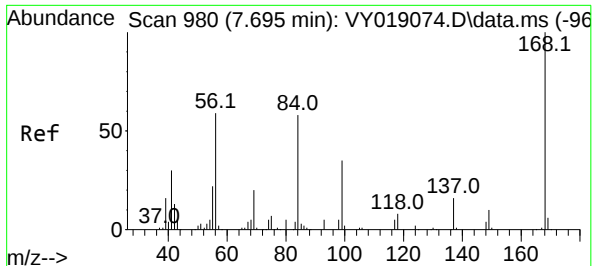
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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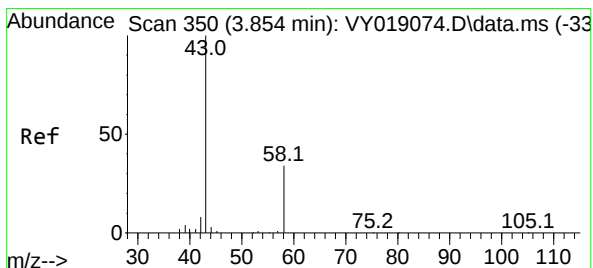
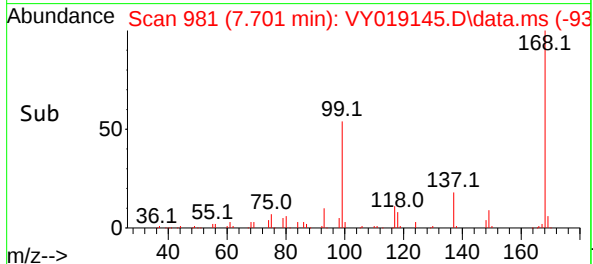
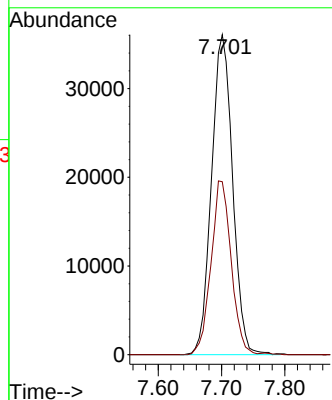
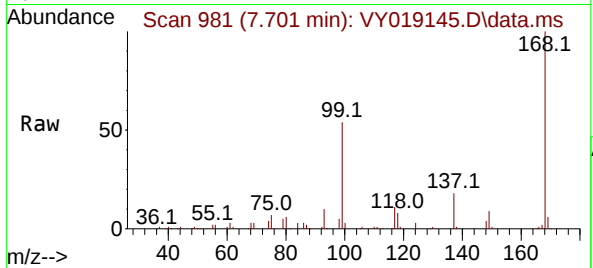




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019145.D
Acq: 20 Aug 2024 12:51

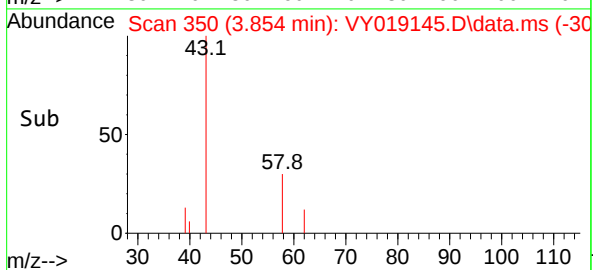
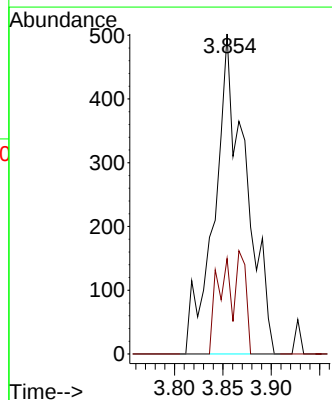
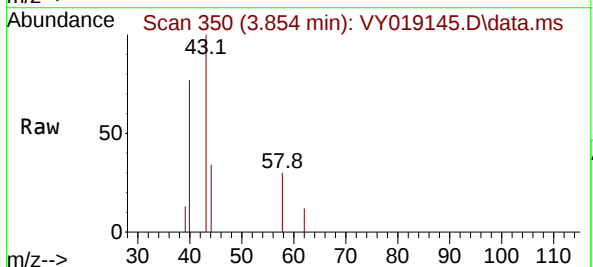
Instrument :
MSVOA_Y
ClientSampleId :
VCPS-B5-081424-DUPRE

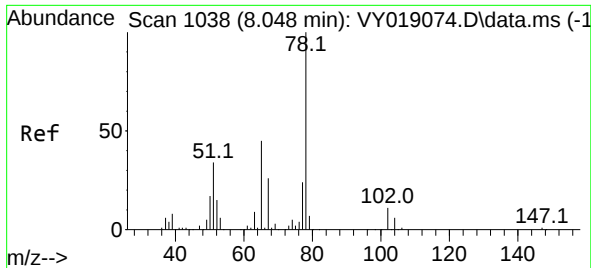
Tgt Ion:168 Resp: 83427
Ion Ratio Lower Upper
168 100
99 54.0 39.1 58.7



#16
Acetone
Concen: 7.286 ug/l
RT: 3.854 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY019145.D
Acq: 20 Aug 2024 12:51

Tgt Ion: 43 Resp: 1130
Ion Ratio Lower Upper
43 100
58 29.9 31.7 47.5#

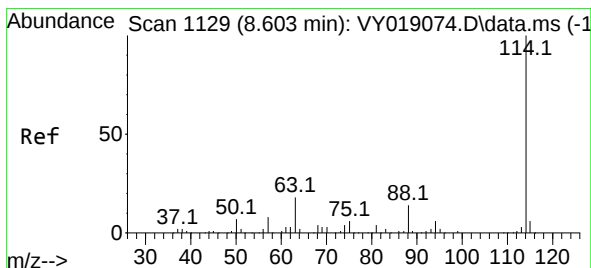
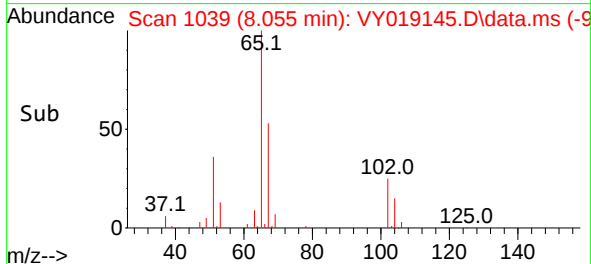
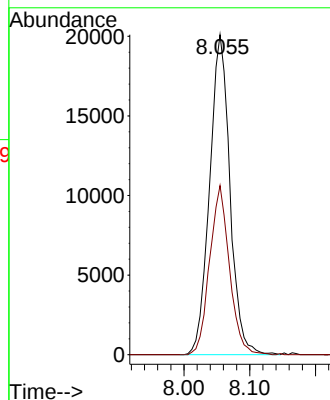
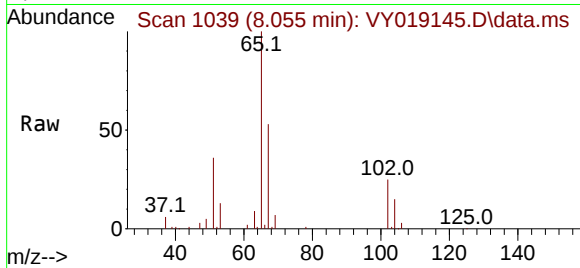




#33
 1,2-Dichloroethane-d4
 Concen: 51.617 ug/l
 RT: 8.055 min Scan# 1130
 Delta R.T. 0.006 min
 Lab File: VY019145.D
 Acq: 20 Aug 2024 12:51

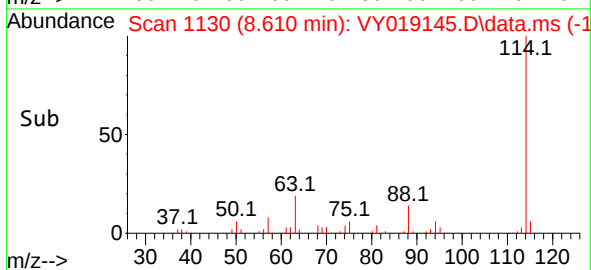
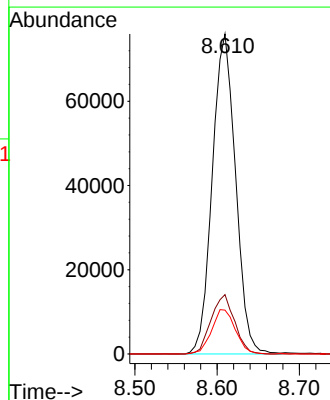
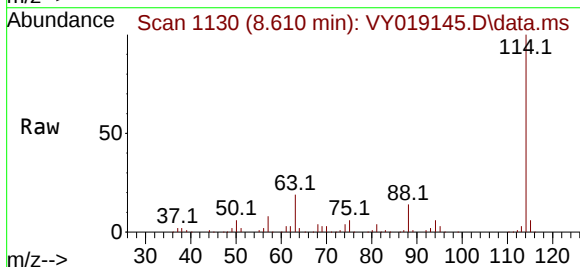
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 ClientSampleId :
 VCPS-B5-081424-DUPRE

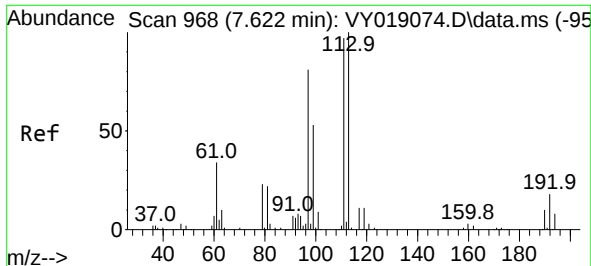
Tgt Ion: 65 Resp: 43167
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.610 min Scan# 1130
 Delta R.T. 0.006 min
 Lab File: VY019145.D
 Acq: 20 Aug 2024 12:51

Tgt Ion: 114 Resp: 149474
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 35.0
 88 13.7 0.0 27.2

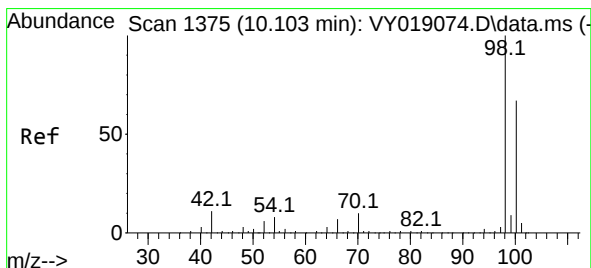
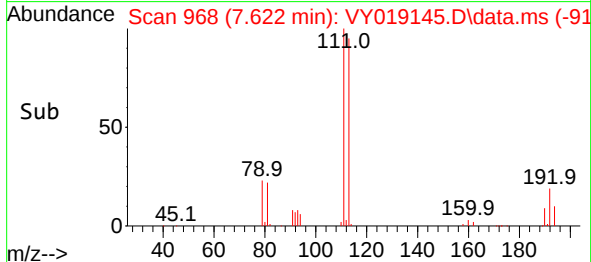
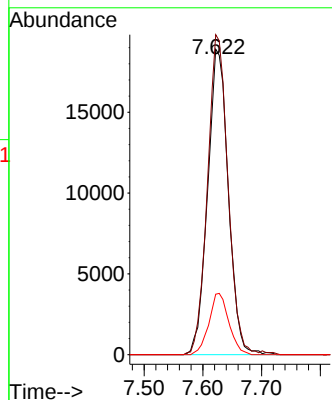
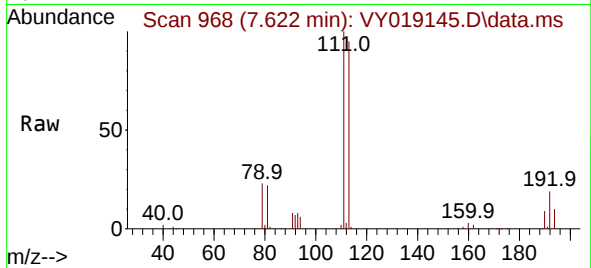




#35
Dibromofluoromethane
Concen: 47.352 ug/l
RT: 7.622 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019145.D
Acq: 20 Aug 2024 12:51

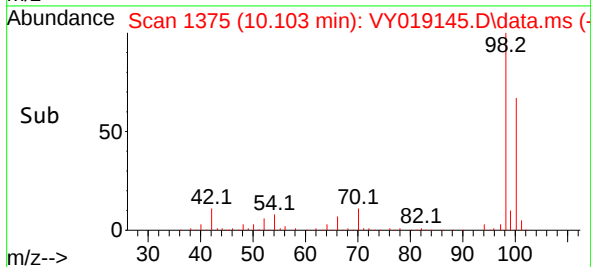
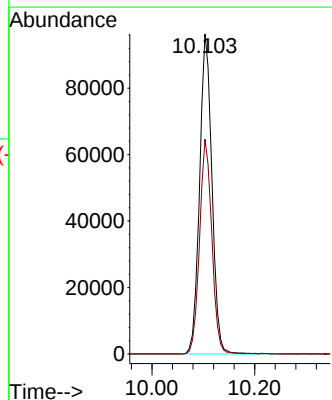
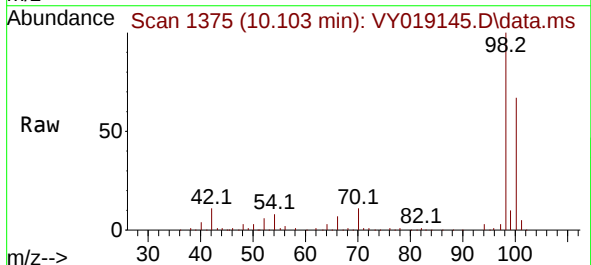
Instrument :
MSVOA_Y
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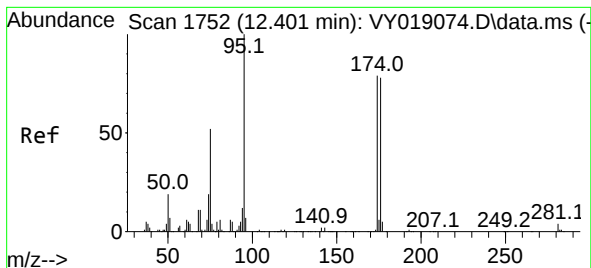
Tgt Ion:	113	Resp:	46279
Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.2	123.4
192	19.3	15.9	23.9



#50
Toluene-d8
Concen: 45.590 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY019145.D
Acq: 20 Aug 2024 12:51

Tgt Ion:	98	Resp:	160345
Ion	Ratio	Lower	Upper
98	100		
100	66.6	52.0	78.0





#62

4-Bromofluorobenzene

Concen: 22.712 ug/l

RT: 12.408 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY019145.D

Acq: 20 Aug 2024 12:51

Instrument :

MSVOA_Y

ClientSampleId :

VCPS-B5-081424-DUPRE

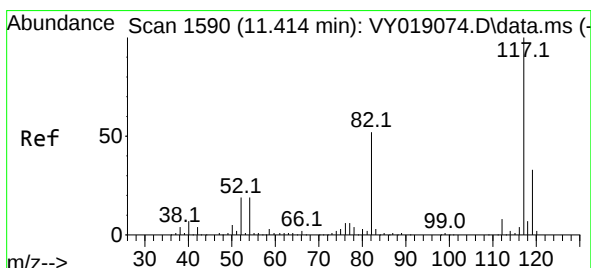
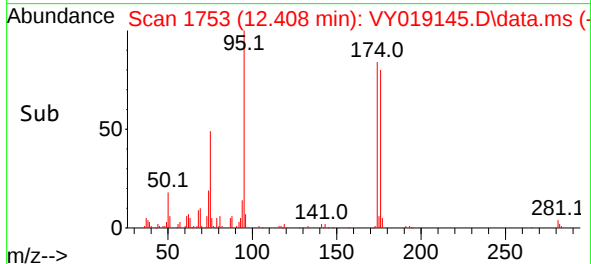
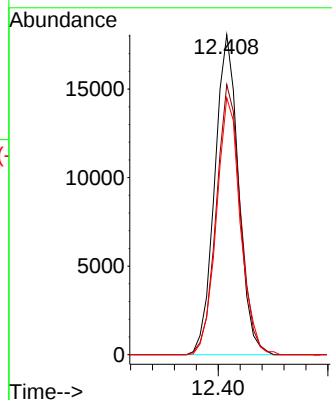
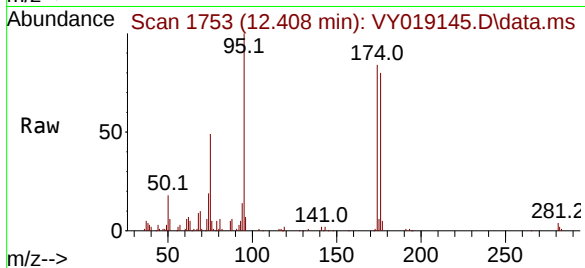
Tgt Ion: 95 Resp: 27231

Ion Ratio Lower Upper

95 100

174 85.6 0.0 175.6

176 81.1 0.0 171.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY019145.D

Acq: 20 Aug 2024 12:51

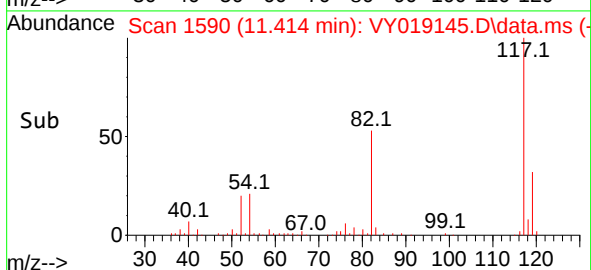
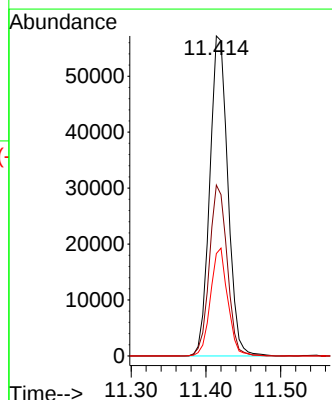
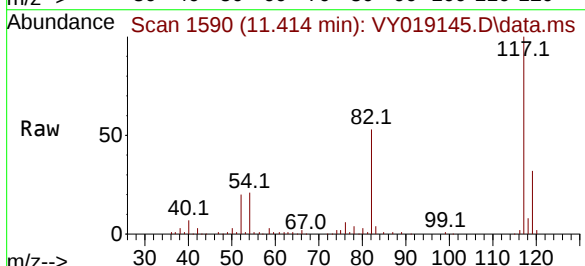
Tgt Ion: 117 Resp: 96214

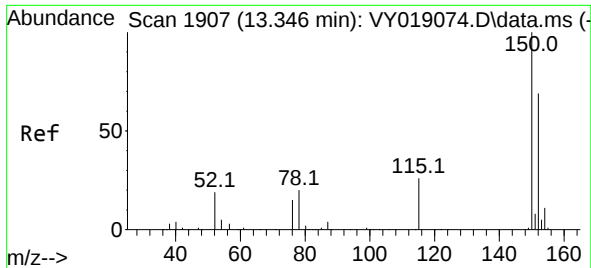
Ion Ratio Lower Upper

117 100

82 53.4 42.4 63.6

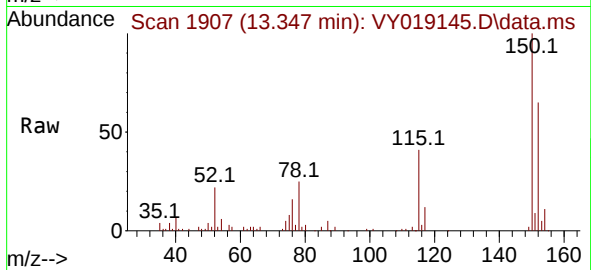
119 32.0 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.347 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY019145.D
 Acq: 20 Aug 2024 12:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 VCPS-B5-081424-DUPRE



Tgt Ion:152 Resp: 19037
 Ion Ratio Lower Upper
 152 100
 115 60.2 28.2 84.7
 150 157.7 0.0 345.6

