

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082024\
 Data File : VY019146.D
 Acq On : 20 Aug 2024 13:15
 Operator : SY/MD
 Sample : P3617-11RE
 Misc : 3.68g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VCPS-B5-081424-0-2RE

Quant Time: Aug 21 01:29:10 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)

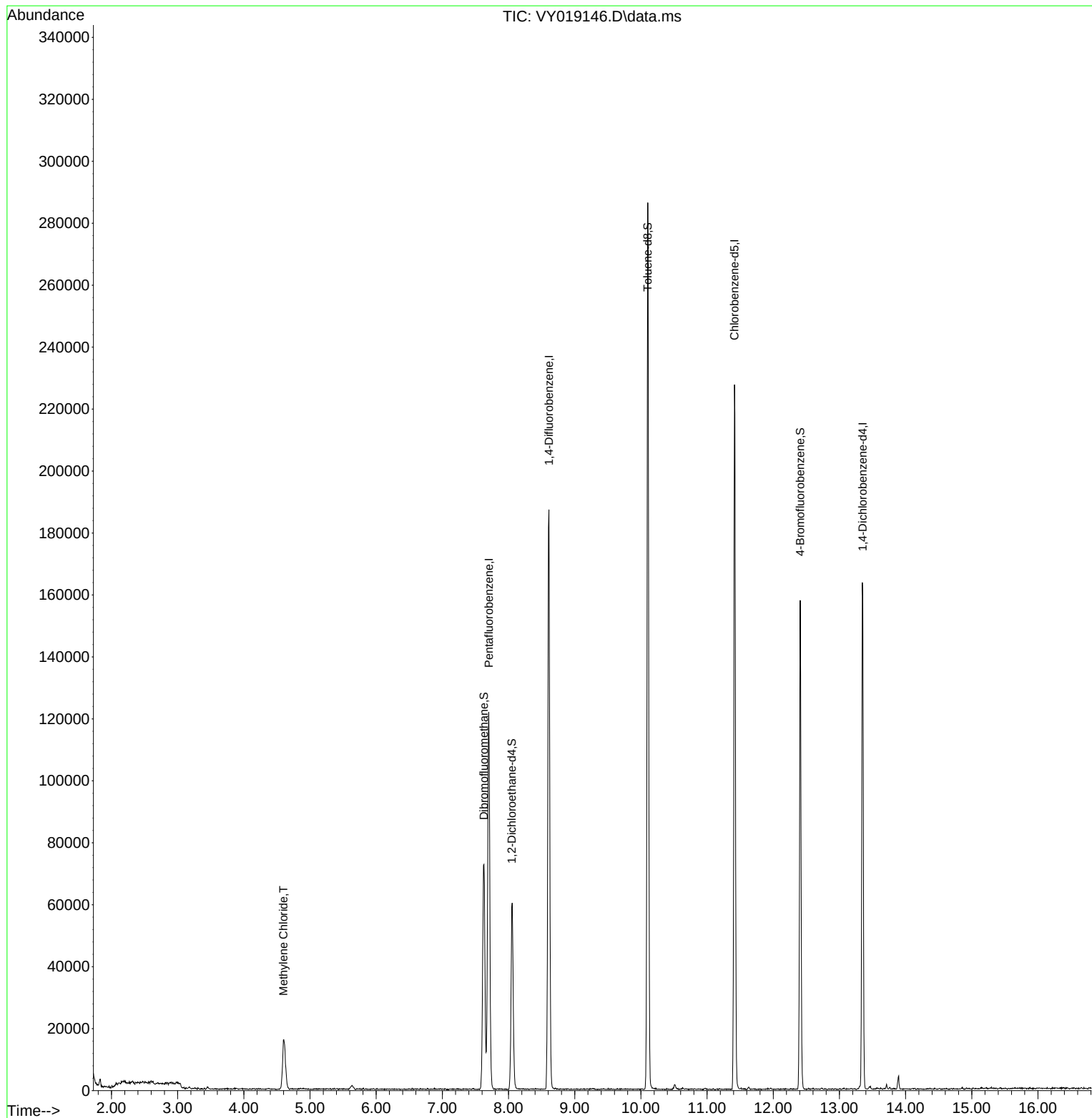
Internal Standards						
1) Pentafluorobenzene	7.701	168	93773	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	165605	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	125341	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	42994	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.048	65	47108	50.115	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.220%
35) Dibromofluoromethane	7.628	113	51788	47.827	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.660%
50) Toluene-d8	10.103	98	181286	46.523	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.040%
62) 4-Bromofluorobenzene	12.407	95	44816	33.737	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	67.480%
Target Compounds						
20) Methylene Chloride	4.598	84	12051	1.137	ug/l	95

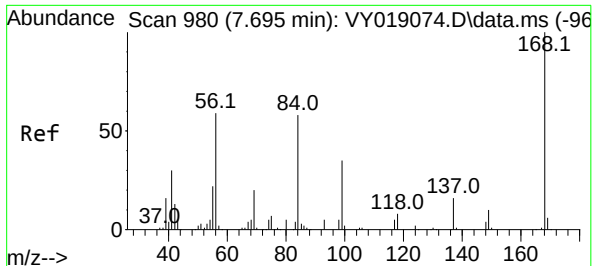
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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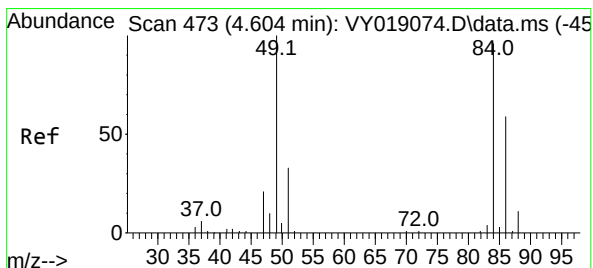
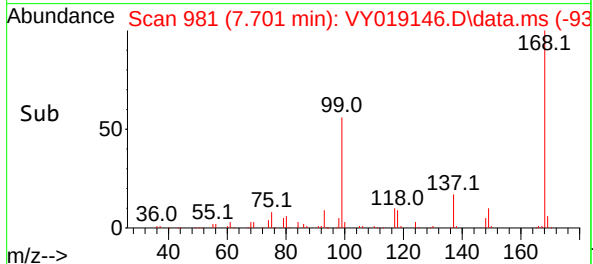
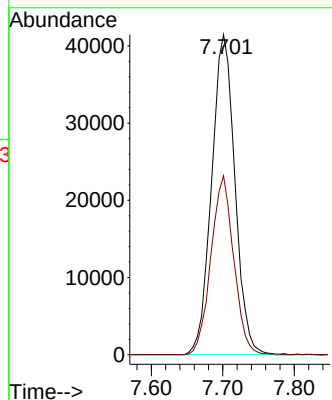
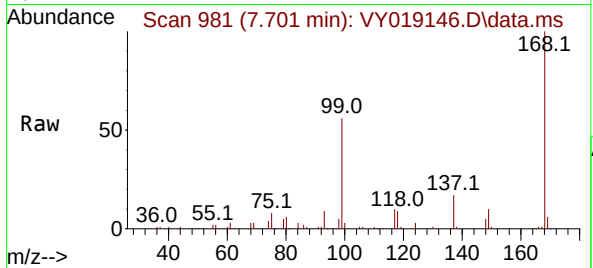




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY019146.D
Acq: 20 Aug 2024 13:15

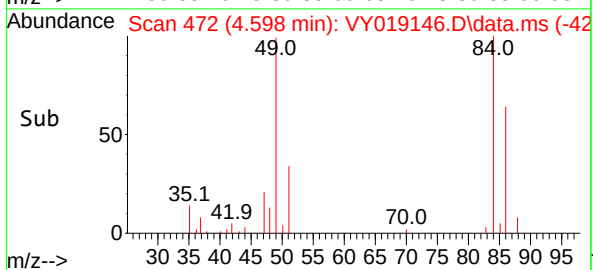
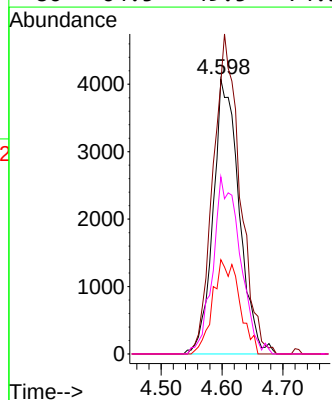
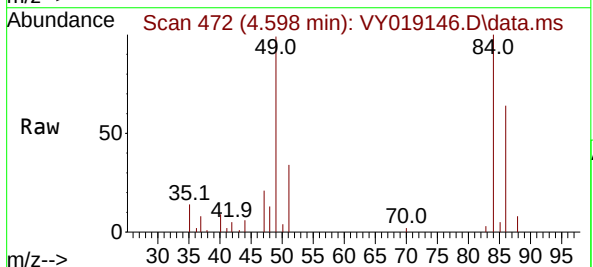
Instrument :
MSVOA_Y
ClientSampleId :
VCPS-B5-081424-0-2RE

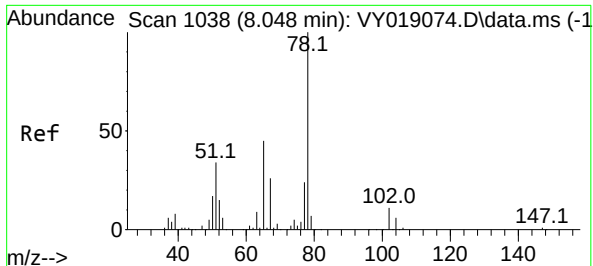
Tgt Ion:168 Resp: 93773
Ion Ratio Lower Upper
168 100
99 55.9 39.1 58.7



#20
Methylene Chloride
Concen: 1.137 ug/l
RT: 4.598 min Scan# 472
Delta R.T. -0.006 min
Lab File: VY019146.D
Acq: 20 Aug 2024 13:15

Tgt Ion: 84 Resp: 12051
Ion Ratio Lower Upper
84 100
49 98.7 84.4 126.6
51 34.3 26.0 39.0
86 64.5 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 50.115 ug/l

RT: 8.048 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VY019146.D

Acq: 20 Aug 2024 13:15

Instrument :

MSVOA_Y

ClientSampleId :

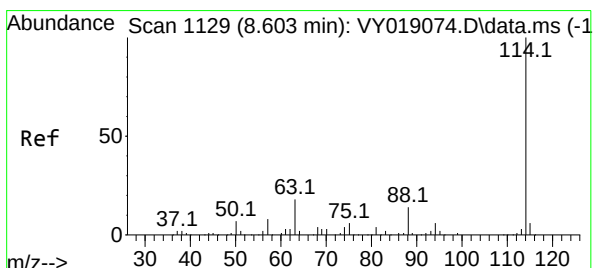
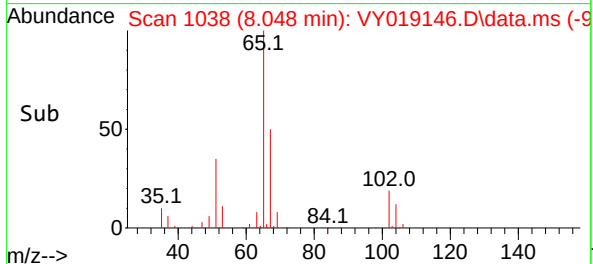
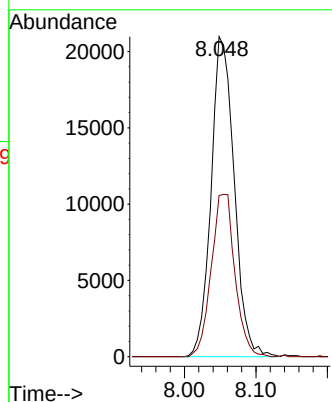
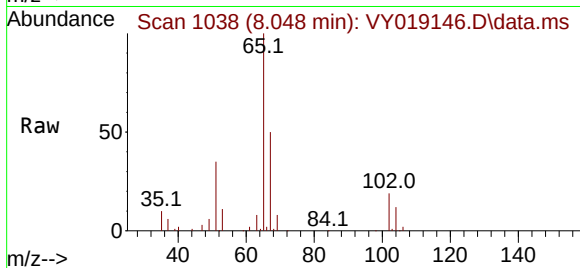
VCPS-B5-081424-0-2RE

Tgt Ion: 65 Resp: 47108

Ion Ratio Lower Upper

65 100

67 52.0 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY019146.D

Acq: 20 Aug 2024 13:15

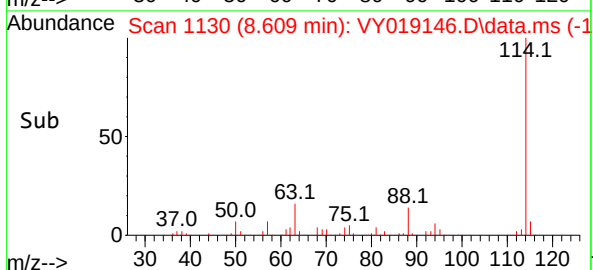
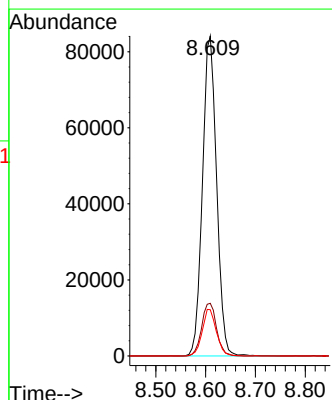
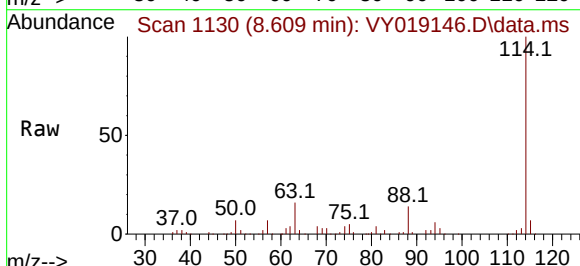
Tgt Ion: 114 Resp: 165605

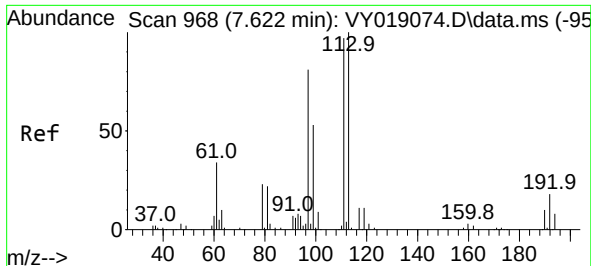
Ion Ratio Lower Upper

114 100

63 16.4 0.0 35.0

88 14.4 0.0 27.2

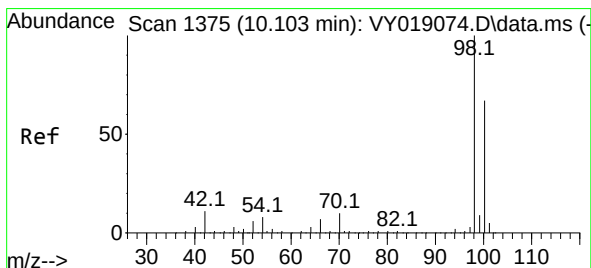
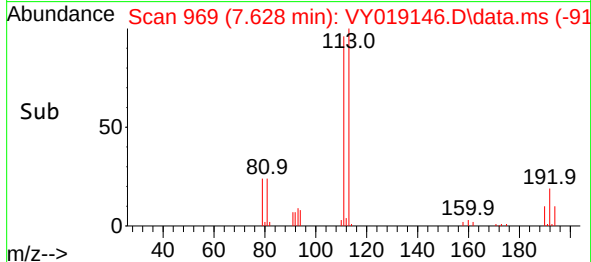
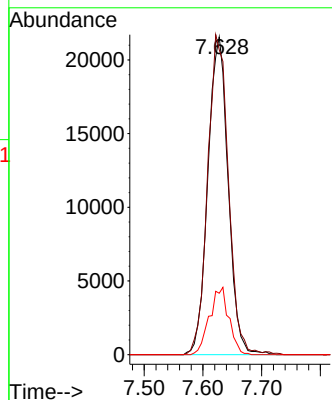
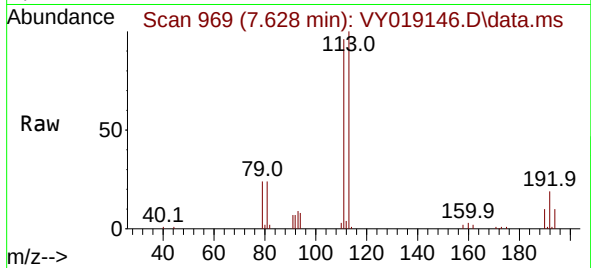




#35
Dibromofluoromethane
Concen: 47.827 ug/l
RT: 7.628 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019146.D
Acq: 20 Aug 2024 13:15

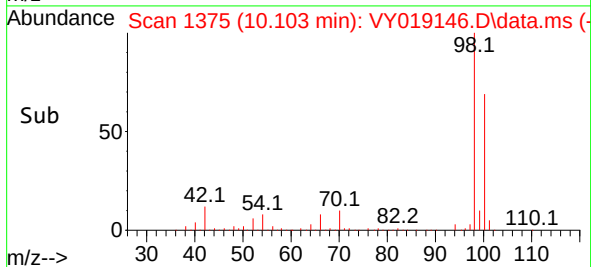
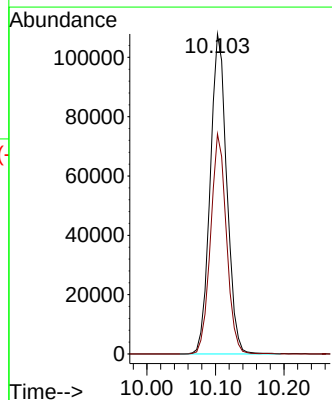
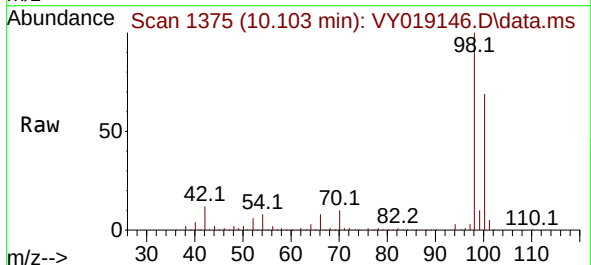
Instrument :
MSVOA_Y
ClientSampleId :
VCPS-B5-081424-0-2RE

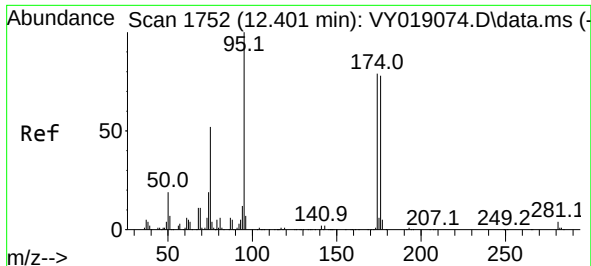
Tgt Ion:113 Resp: 51788
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.4
192 20.2 15.9 23.9



#50
Toluene-d8
Concen: 46.523 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY019146.D
Acq: 20 Aug 2024 13:15

Tgt Ion: 98 Resp: 181286
Ion Ratio Lower Upper
98 100
100 65.8 52.0 78.0

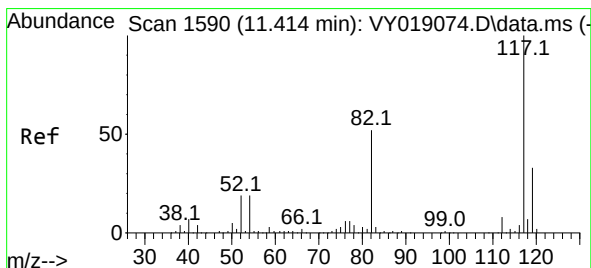
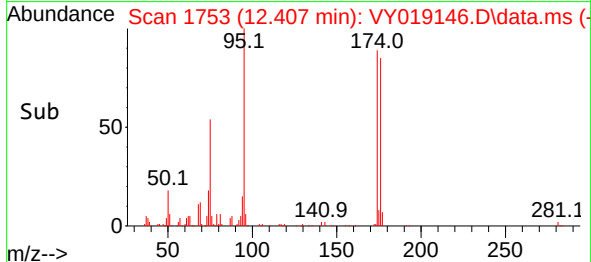
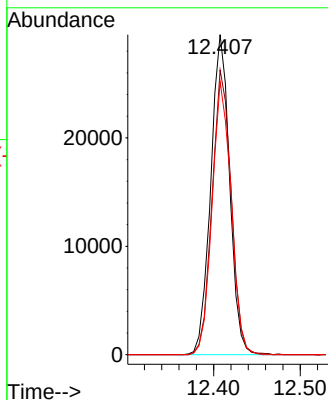
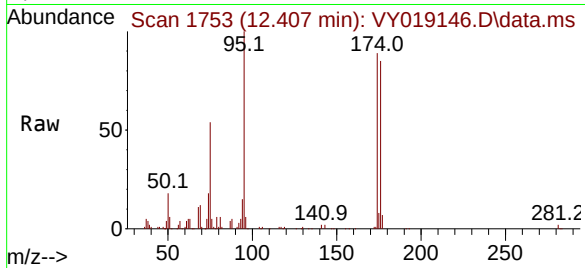




#62
4-Bromofluorobenzene
Concen: 33.737 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019146.D
Acq: 20 Aug 2024 13:15

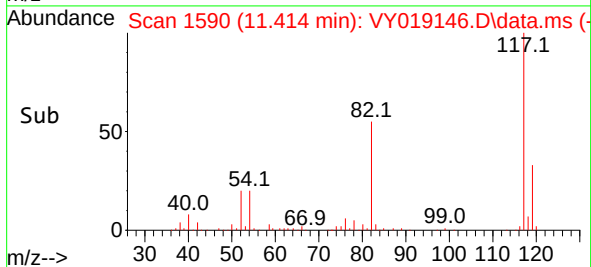
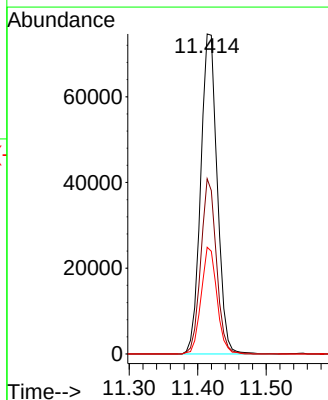
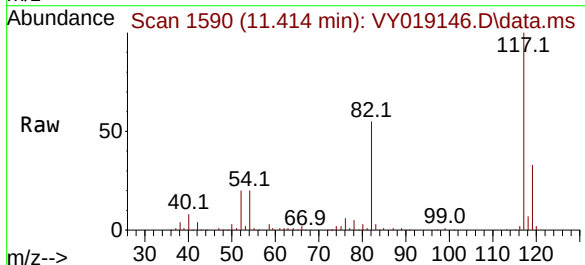
Instrument :
MSVOA_Y
ClientSampleId :
VCPS-B5-081424-0-2RE

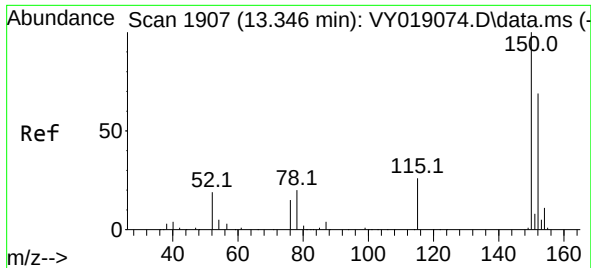
Tgt Ion:	95	Resp:	44816
Ion Ratio	Lower	Upper	
95	100		
174	90.0	0.0	175.6
176	85.8	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY019146.D
Acq: 20 Aug 2024 13:15

Tgt Ion:	117	Resp:	125341
Ion Ratio	Lower	Upper	
117	100		
82	54.7	42.4	63.6
119	33.3	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: VY019146.D

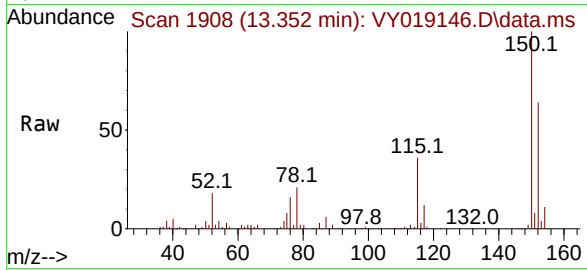
Acq: 20 Aug 2024 13:15

Instrument :

MSVOA_Y

ClientSampleId :

VCPS-B5-081424-0-2RE



Tgt Ion:152 Resp: 42994

Ion Ratio Lower Upper

152 100

115 56.4 28.2 84.7

150 155.3 0.0 345.6

