

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083024\
 Data File : VY019415.D
 Acq On : 30 Aug 2024 22:51
 Operator : SY/MD
 Sample : P3737-05
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-5

Quant Time: Aug 31 01:17:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082924S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 02:45:30 2024
 Response via : Initial Calibration

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

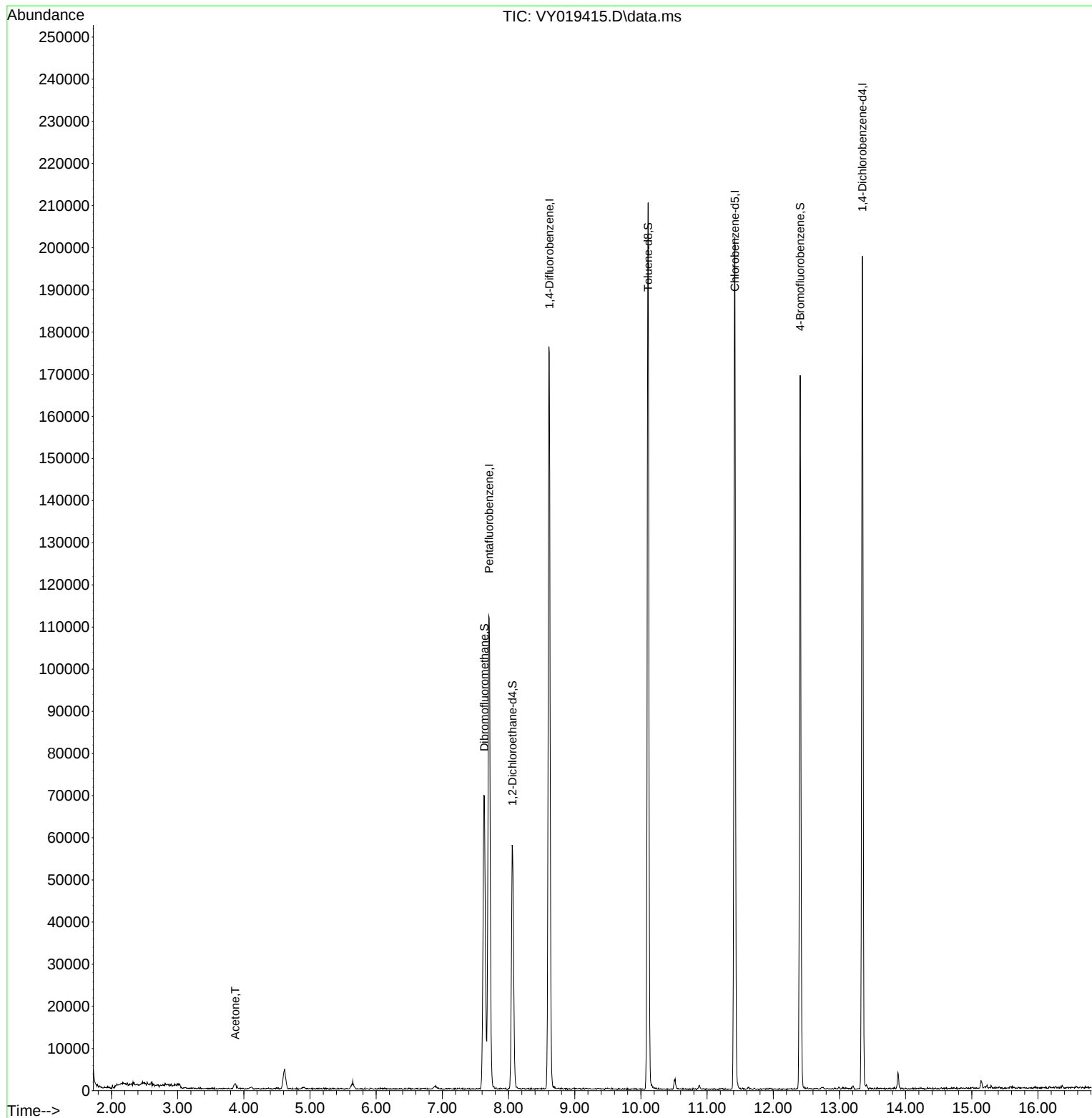
Internal Standards						
1) Pentafluorobenzene	7.707	168	89782	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	158390	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	113141	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	48980	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	46276	54.417	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.840%	
35) Dibromofluoromethane	7.634	113	51128	51.057	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.120%	
50) Toluene-d8	10.109	98	135553	36.772	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 73.540%	
62) 4-Bromofluorobenzene	12.408	95	47817	40.105	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 80.200%	
Target Compounds						Qvalue
16) Acetone	3.873	43	2276	13.607	ug/l	90

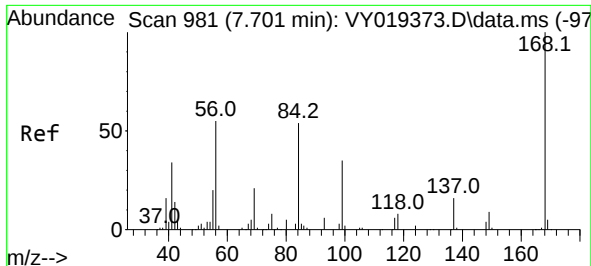
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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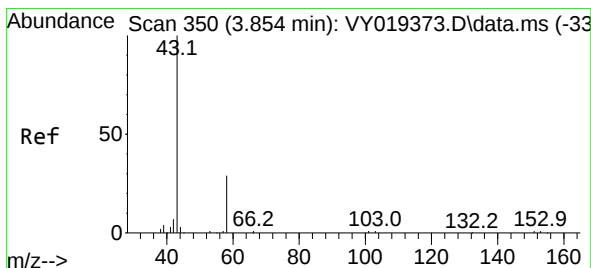
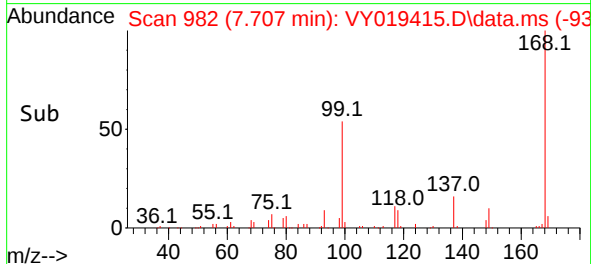
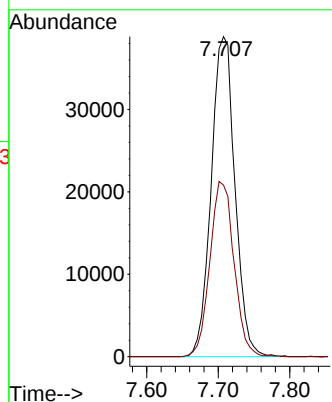
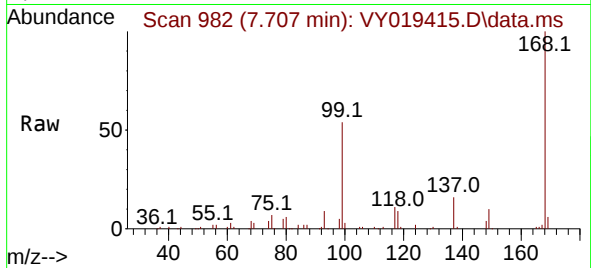




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY019415.D
Acq: 30 Aug 2024 22:51

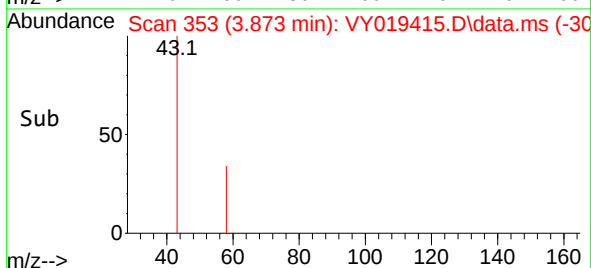
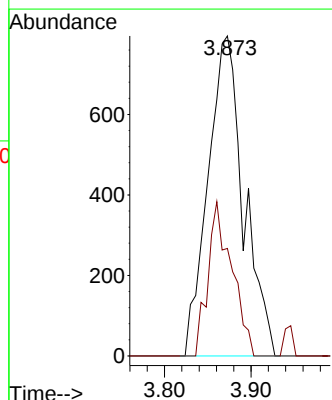
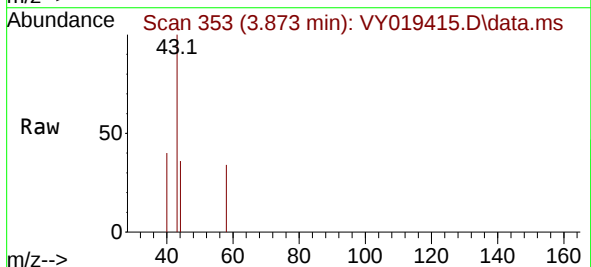
Instrument :
MSVOA_Y
ClientSampleId :
COMP-5

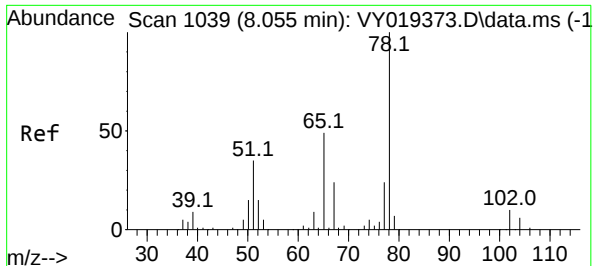
Tgt Ion:168 Resp: 89782
Ion Ratio Lower Upper
168 100
99 53.6 39.1 58.7



#16
Acetone
Concen: 13.607 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.018 min
Lab File: VY019415.D
Acq: 30 Aug 2024 22:51

Tgt Ion: 43 Resp: 2276
Ion Ratio Lower Upper
43 100
58 33.6 31.7 47.5





#33

1,2-Dichloroethane-d4

Concen: 54.417 ug/l

RT: 8.061 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VY019415.D

Acq: 30 Aug 2024 22:51

Instrument :

MSVOA_Y

ClientSampleId :

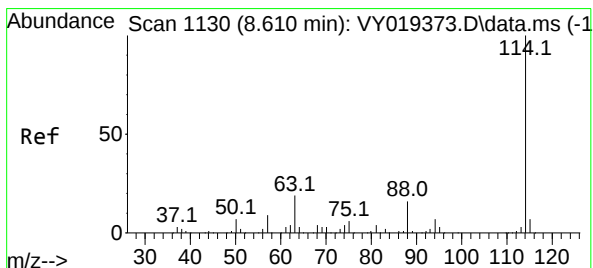
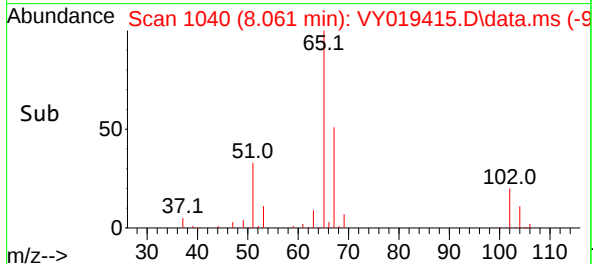
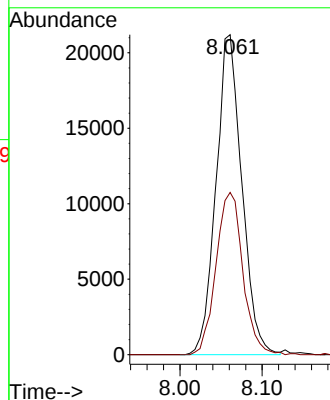
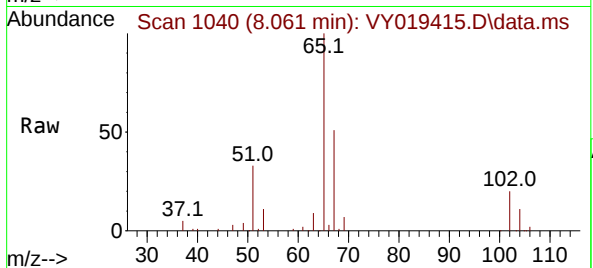
COMP-5

Tgt Ion: 65 Resp: 46276

Ion Ratio Lower Upper

65 100

67 52.8 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VY019415.D

Acq: 30 Aug 2024 22:51

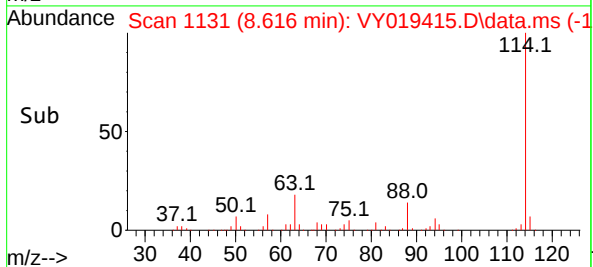
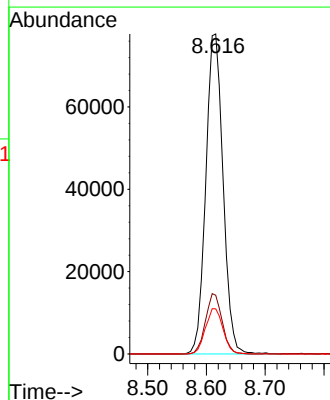
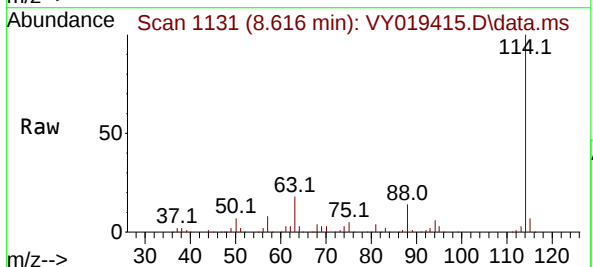
Tgt Ion: 114 Resp: 158390

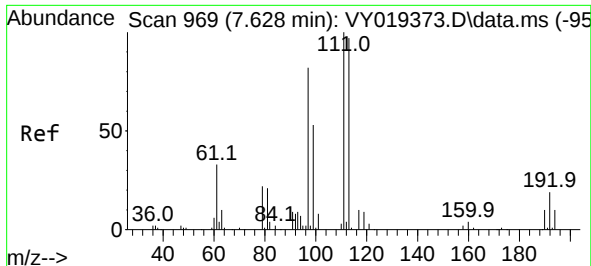
Ion Ratio Lower Upper

114 100

63 18.4 0.0 35.0

88 14.1 0.0 27.2

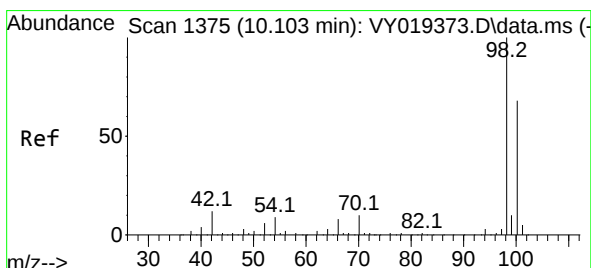
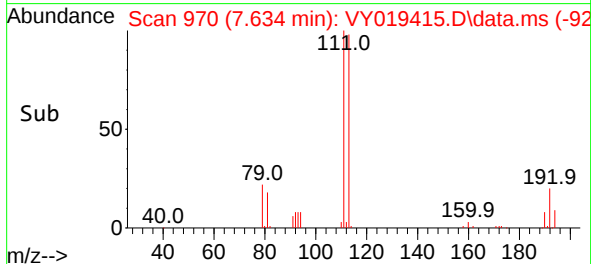
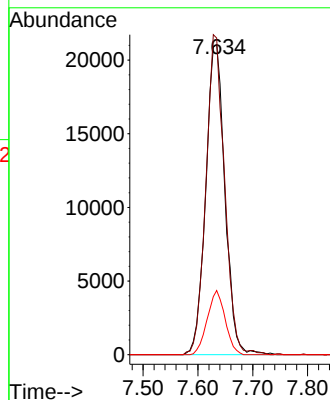
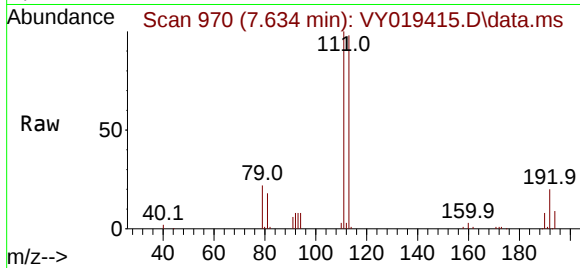




#35
Dibromofluoromethane
Concen: 51.057 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019415.D
Acq: 30 Aug 2024 22:51

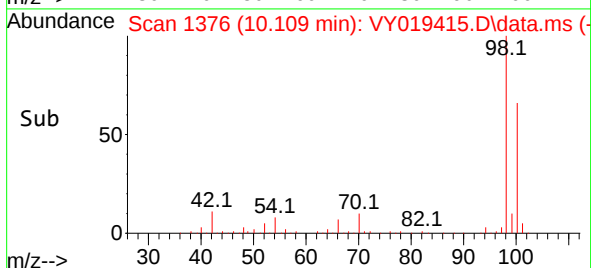
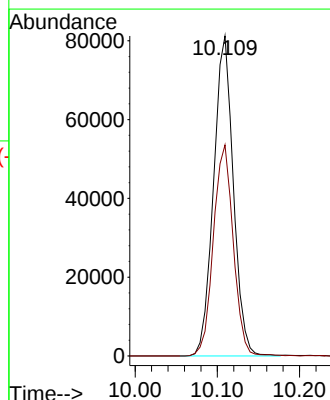
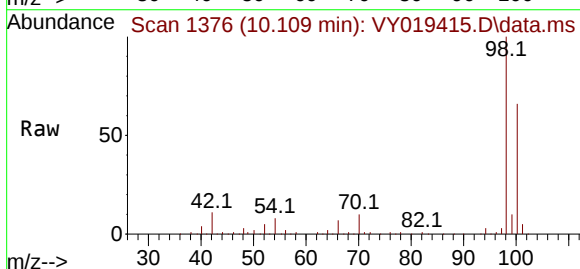
Instrument :
MSVOA_Y
ClientSampleId :
COMP-5

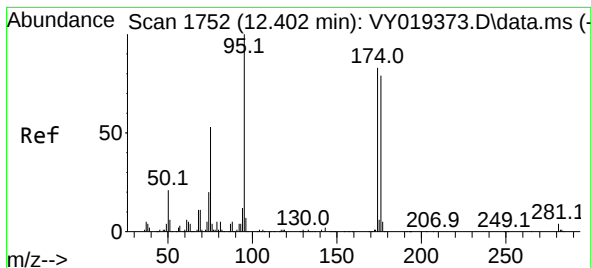
Tgt Ion:113 Resp: 51128
Ion Ratio Lower Upper
113 100
111 100.2 82.2 123.4
192 19.3 15.9 23.9



#50
Toluene-d8
Concen: 36.772 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY019415.D
Acq: 30 Aug 2024 22:51

Tgt Ion: 98 Resp: 135553
Ion Ratio Lower Upper
98 100
100 66.4 52.0 78.0

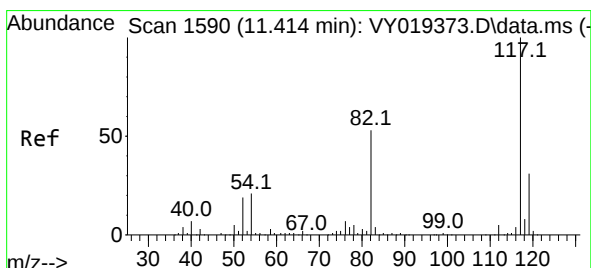
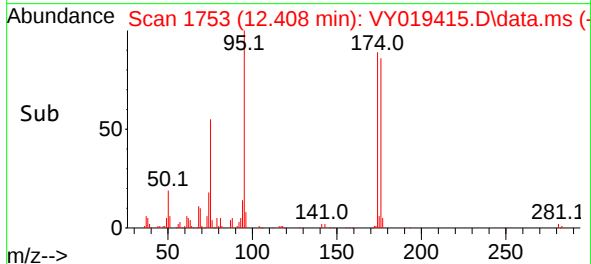
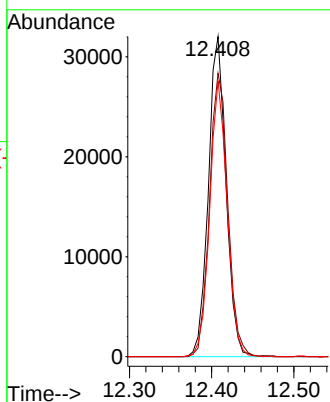
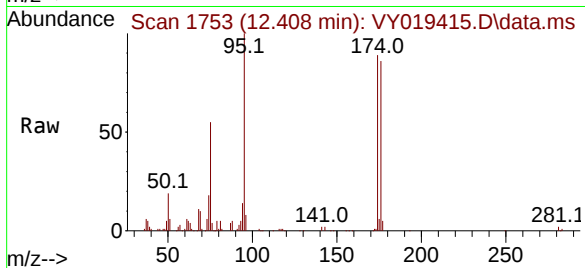




#62
4-Bromofluorobenzene
Concen: 40.105 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019415.D
Acq: 30 Aug 2024 22:51

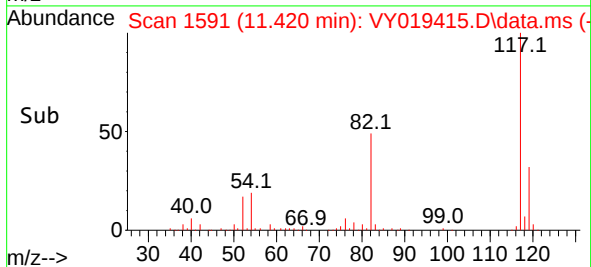
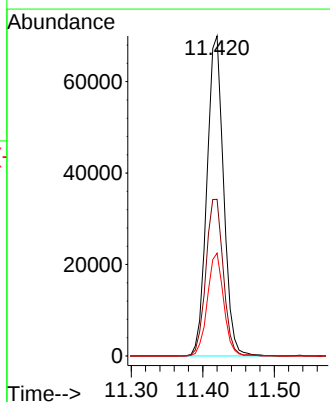
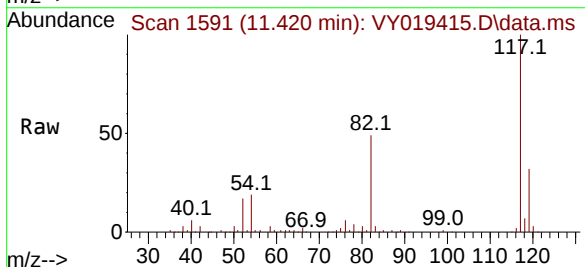
Instrument :
MSVOA_Y
ClientSampleId :
COMP-5

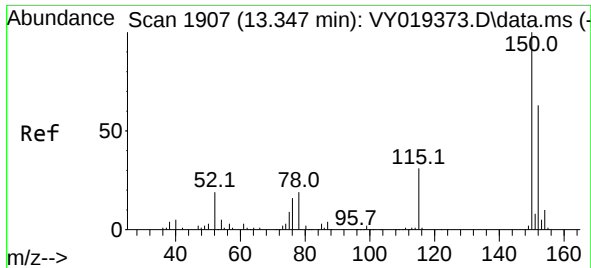
Tgt Ion: 95 Resp: 47817
Ion Ratio Lower Upper
95 100
174 92.4 0.0 175.6
176 85.2 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VY019415.D
Acq: 30 Aug 2024 22:51

Tgt Ion: 117 Resp: 113141
Ion Ratio Lower Upper
117 100
82 49.0 42.4 63.6
119 32.2 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: VY019415.D

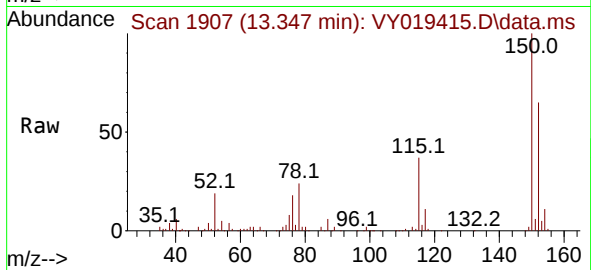
Acq: 30 Aug 2024 22:51

Instrument :

MSVOA_Y

ClientSampleId :

COMP-5



Tgt Ion:152 Resp: 48980

Ion Ratio Lower Upper

152 100

115 58.0 28.2 84.7

150 157.5 0.0 345.6

