

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083024\
 Data File : VY019416.D
 Acq On : 30 Aug 2024 23:14
 Operator : SY/MD
 Sample : P3751-01
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-CMC-ESLAG-1

Quant Time: Aug 31 01:18:25 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)

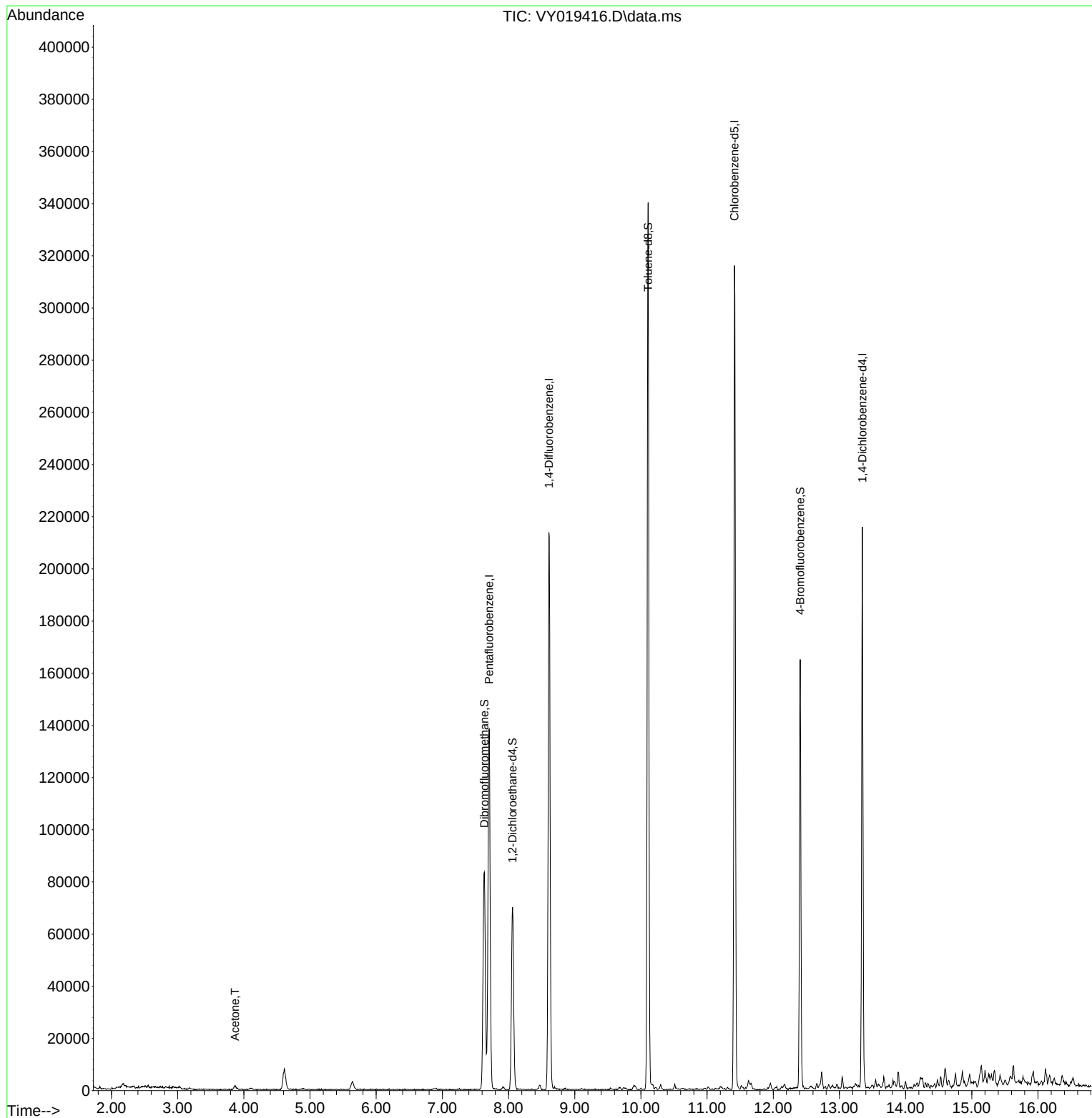
Internal Standards						
1) Pentafluorobenzene	7.707	168	106898	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	191567	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	169916	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	46709	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	57288	56.580	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.160%
35) Dibromofluoromethane	7.634	113	60938	50.314	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.620%
50) Toluene-d8	10.109	98	216892	48.647	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.300%
62) 4-Bromofluorobenzene	12.408	95	47977	33.270	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	66.540%
Target Compounds						
16) Acetone	3.866	43	2588	12.995	ug/l	Qvalue # 79

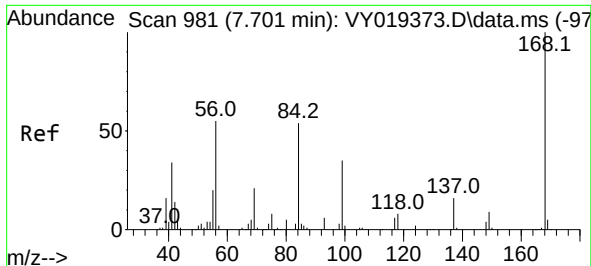
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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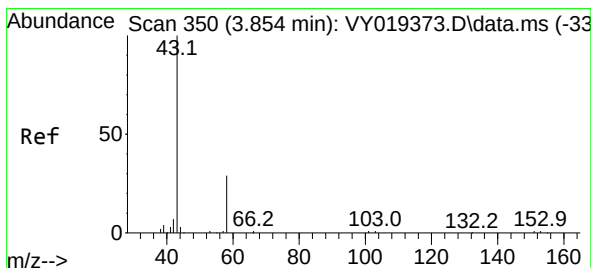
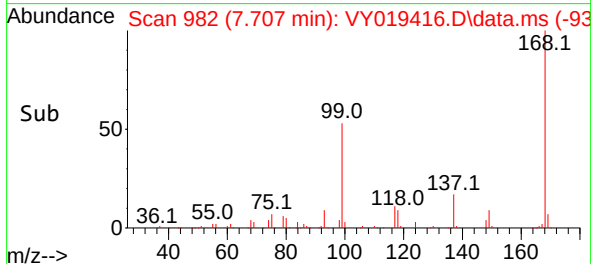
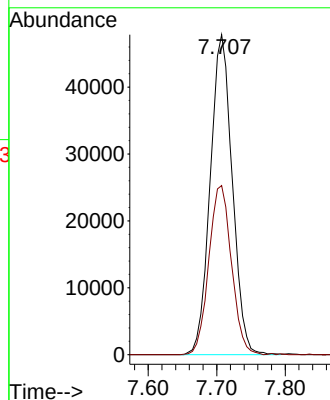
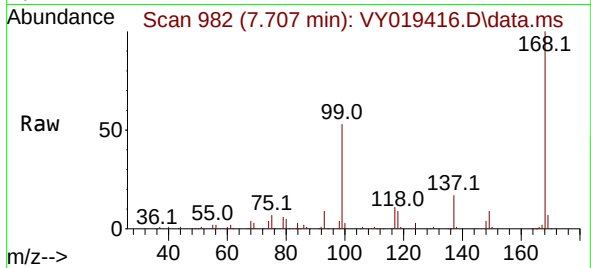




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019416.D
Acq: 30 Aug 2024 23:14

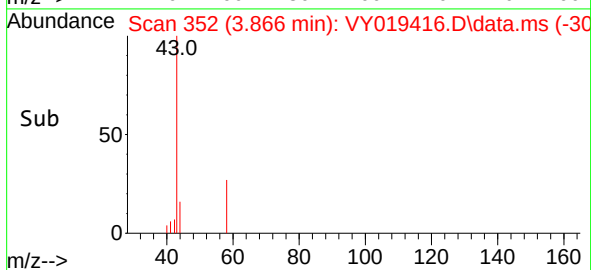
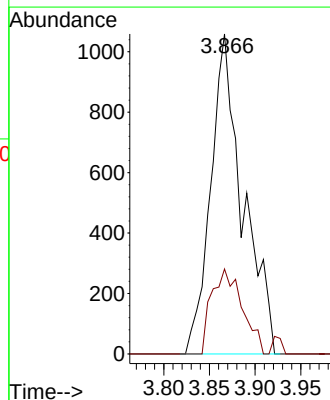
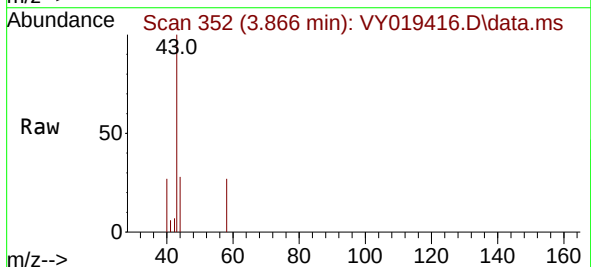
Instrument :
MSVOA_Y
ClientSampleId :
WC-CMC-ESLAG-1

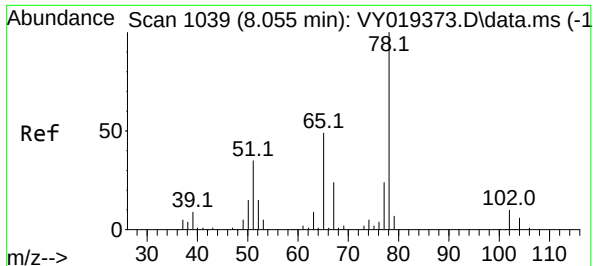
Tgt Ion:168 Resp: 106898
Ion Ratio Lower Upper
168 100
99 52.9 39.1 58.7



#16
Acetone
Concen: 12.995 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.012 min
Lab File: VY019416.D
Acq: 30 Aug 2024 23:14

Tgt Ion: 43 Resp: 2588
Ion Ratio Lower Upper
43 100
58 26.5 31.7 47.5#

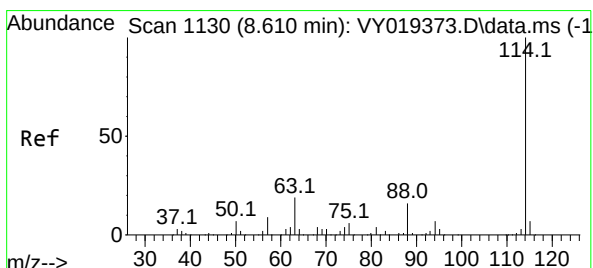
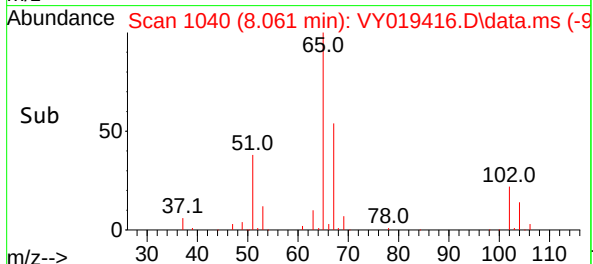
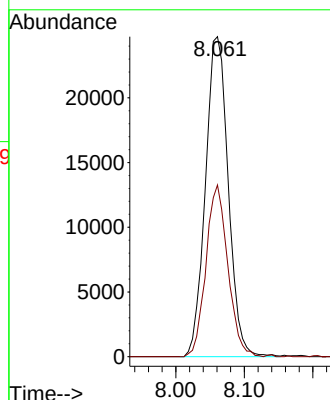
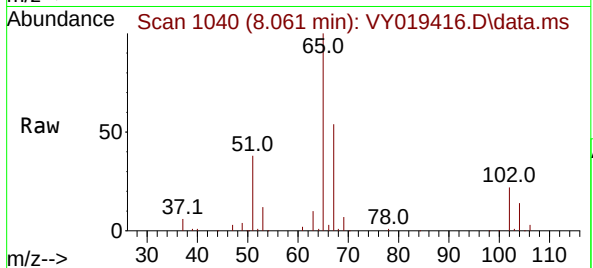




#33
1,2-Dichloroethane-d4
Concen: 56.580 ug/l
RT: 8.061 min Scan# 110
Delta R.T. 0.006 min
Lab File: VY019416.D
Acq: 30 Aug 2024 23:14

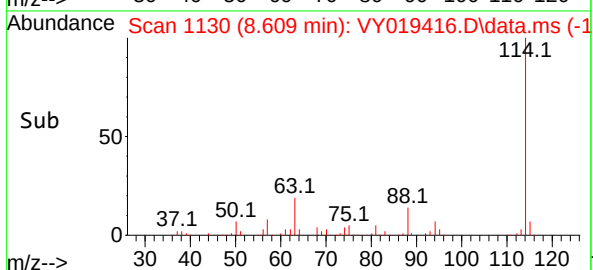
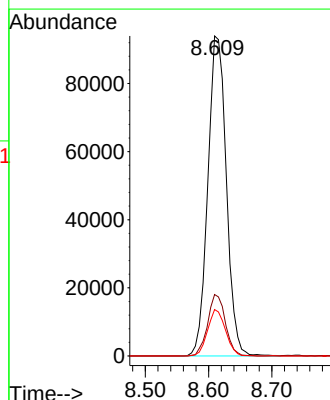
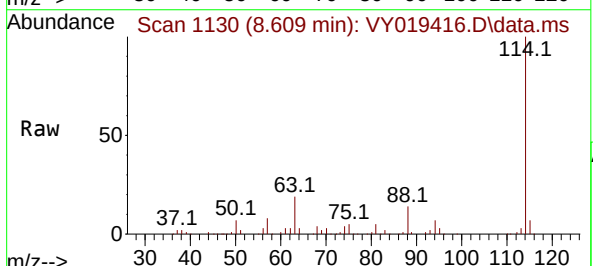
Instrument :
MSVOA_Y
ClientSampleId :
WC-CMC-ESLAG-1

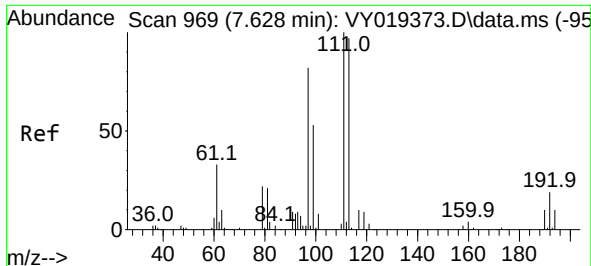
Tgt Ion: 65 Resp: 57288
Ion Ratio Lower Upper
65 100
67 51.4 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.609 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VY019416.D
Acq: 30 Aug 2024 23:14

Tgt Ion:114 Resp: 191567
Ion Ratio Lower Upper
114 100
63 19.2 0.0 35.0
88 14.5 0.0 27.2

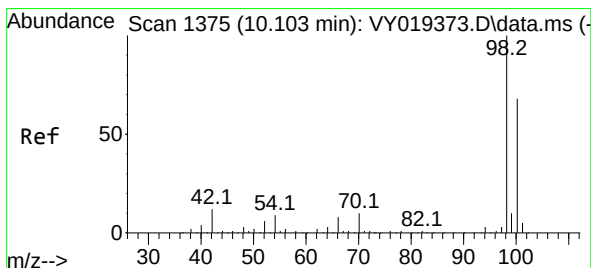
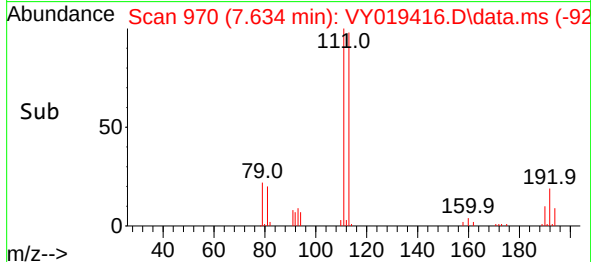
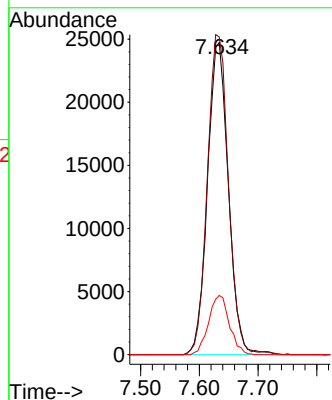
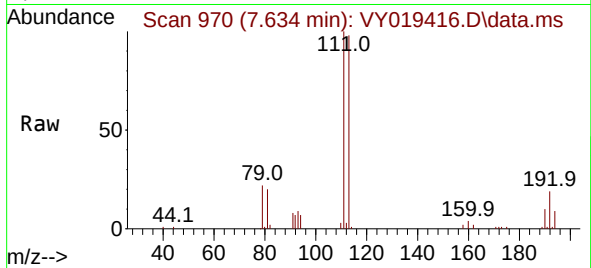




#35
Dibromofluoromethane
Concen: 50.314 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019416.D
Acq: 30 Aug 2024 23:14

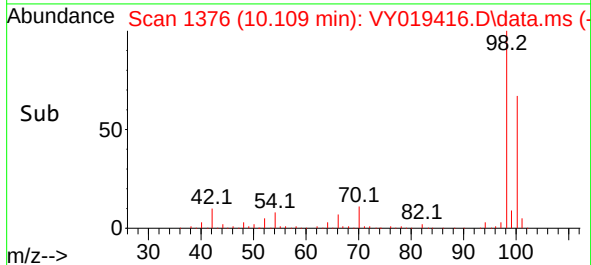
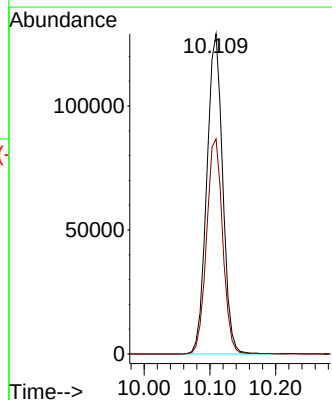
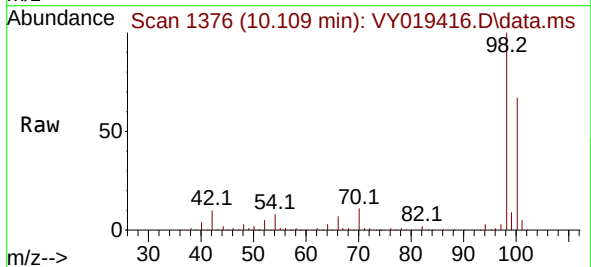
Instrument :
MSVOA_Y
ClientSampleId :
WC-CMC-ESLAG-1

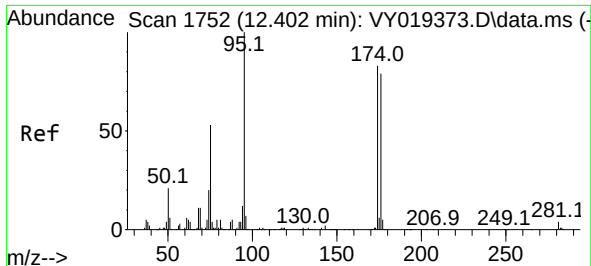
Tgt Ion:113 Resp: 60938
Ion Ratio Lower Upper
113 100
111 103.7 82.2 123.4
192 18.9 15.9 23.9



#50
Toluene-d8
Concen: 48.647 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY019416.D
Acq: 30 Aug 2024 23:14

Tgt Ion: 98 Resp: 216892
Ion Ratio Lower Upper
98 100
100 68.0 52.0 78.0

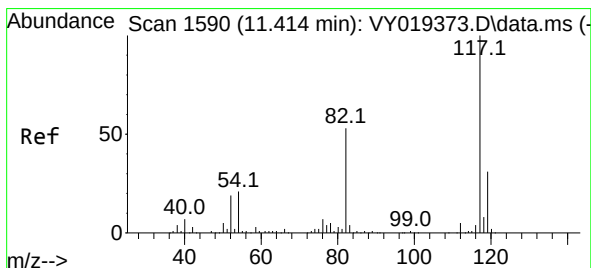
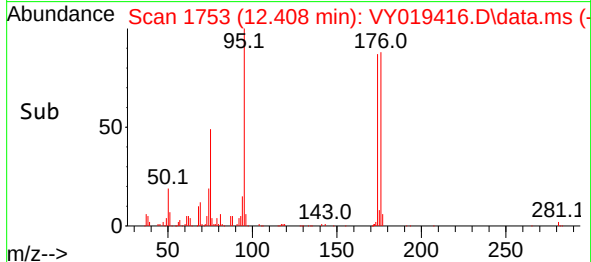
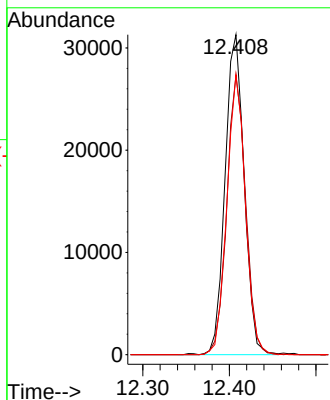
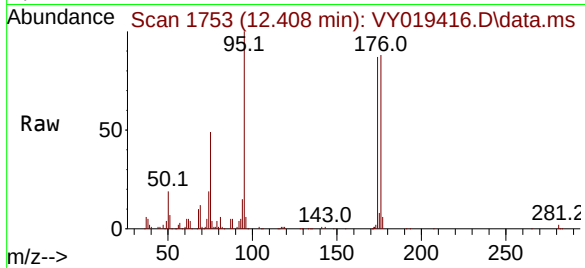




#62
4-Bromofluorobenzene
Concen: 33.270 ug/l
RT: 12.408 min Scan# 1752
Delta R.T. 0.006 min
Lab File: VY019416.D
Acq: 30 Aug 2024 23:14

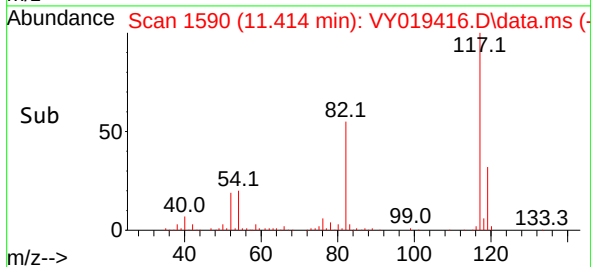
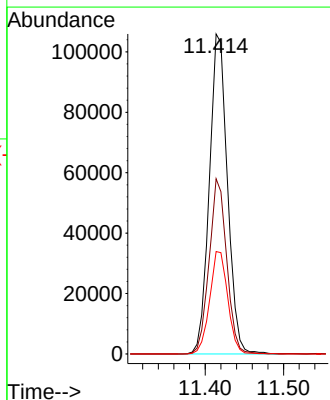
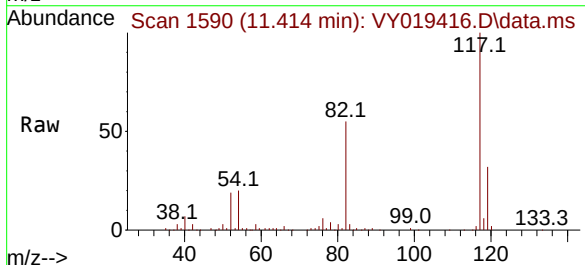
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ClientSampleId :
WC-CMC-ESLAG-1

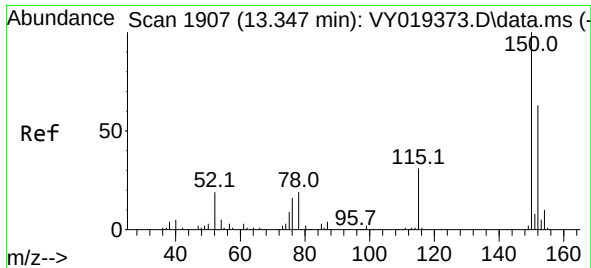
Tgt Ion: 95 Resp: 47977
Ion Ratio Lower Upper
95 100
174 86.1 0.0 175.6
176 84.8 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY019416.D
Acq: 30 Aug 2024 23:14

Tgt Ion: 117 Resp: 169916
Ion Ratio Lower Upper
117 100
82 54.8 42.4 63.6
119 32.0 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY019416.D

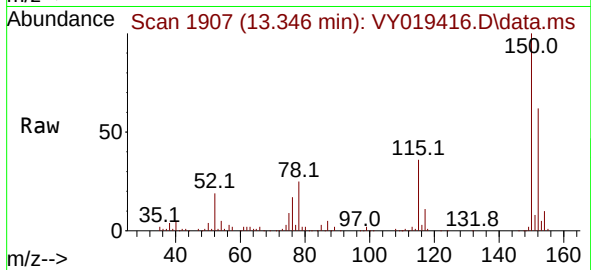
Acq: 30 Aug 2024 23:14

Instrument :

MSVOA_Y

ClientSampleId :

WC-CMC-ESLAG-1



Tgt Ion:152 Resp: 46709

Ion Ratio Lower Upper

152 100

115 57.8 28.2 84.7

150 159.2 0.0 345.6

