

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083024\
 Data File : VY019414.D
 Acq On : 30 Aug 2024 22:27
 Operator : SY/MD
 Sample : P3737-03
 Misc : 5.18g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-3

Quant Time: Aug 30 23:23:01 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)

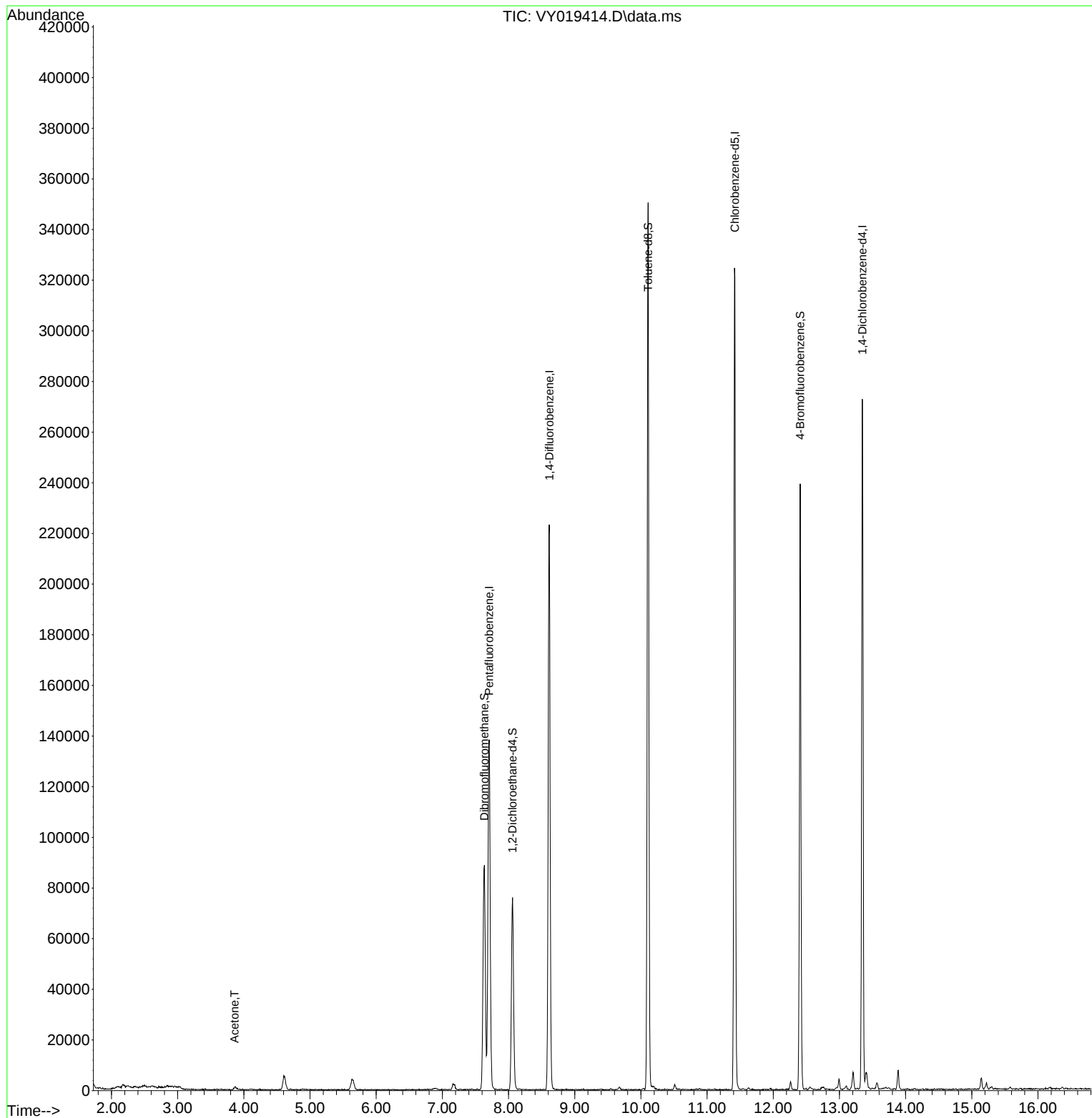
Internal Standards						
1) Pentafluorobenzene	7.707	168	113874	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	197085	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	181798	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	67865	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	60409	56.007	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.020%
35) Dibromofluoromethane	7.634	113	63981	51.347	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.700%
50) Toluene-d8	10.109	98	221667	48.326	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.660%
62) 4-Bromofluorobenzene	12.408	95	68393	46.100	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	92.200%
Target Compounds						
16) Acetone	3.860	43	1919	9.046	ug/l	Qvalue # 78

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

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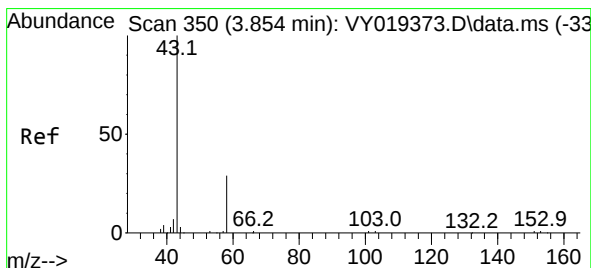
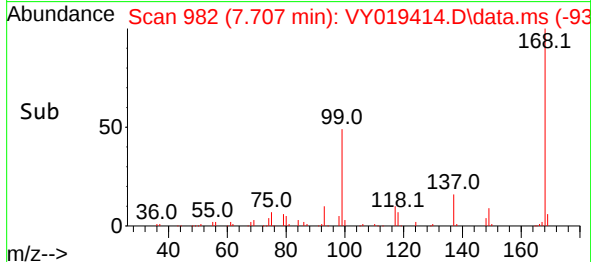
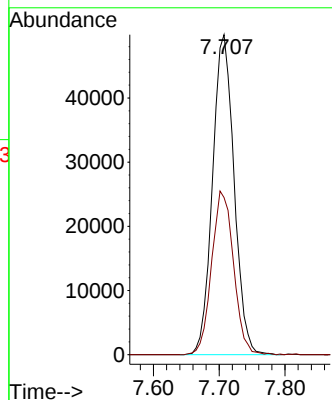
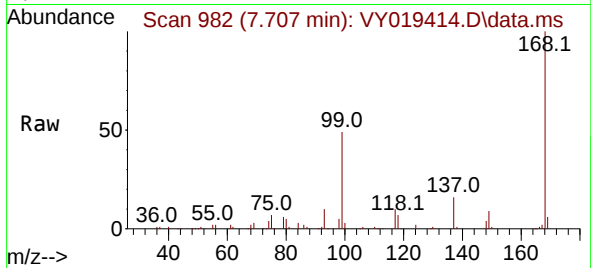




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019414.D
Acq: 30 Aug 2024 22:27

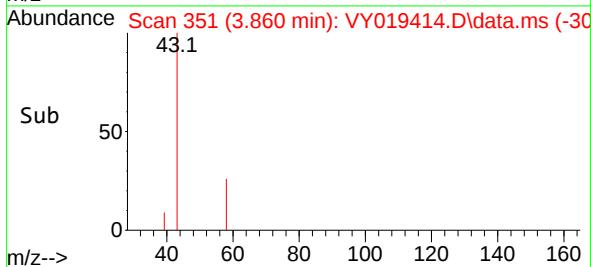
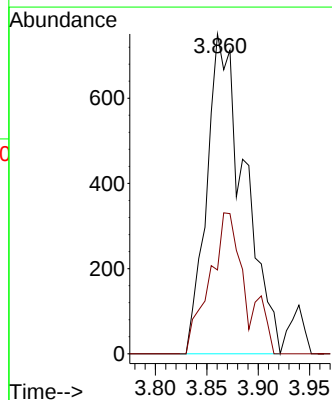
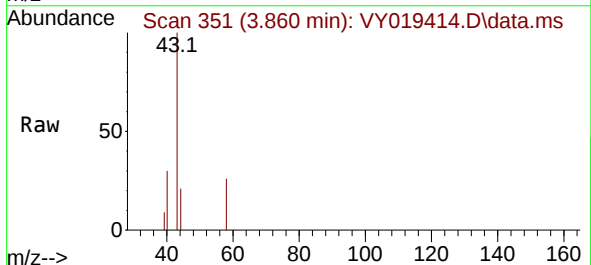
Instrument :
MSVOA_Y
ClientSampleId :
COMP-3

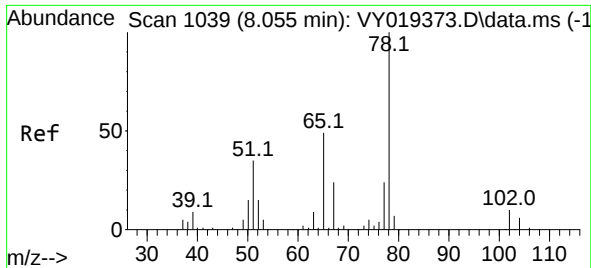
Tgt Ion:168 Resp: 113874
Ion Ratio Lower Upper
168 100
99 49.1 39.1 58.7



#16
Acetone
Concen: 9.046 ug/l
RT: 3.860 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY019414.D
Acq: 30 Aug 2024 22:27

Tgt Ion: 43 Resp: 1919
Ion Ratio Lower Upper
43 100
58 26.2 31.7 47.5#





#33

1,2-Dichloroethane-d4

Concen: 56.007 ug/l

RT: 8.061 min Scan# 1109

Delta R.T. 0.006 min

Lab File: VY019414.D

Acq: 30 Aug 2024 22:27

Instrument :

MSVOA_Y

ClientSampleId :

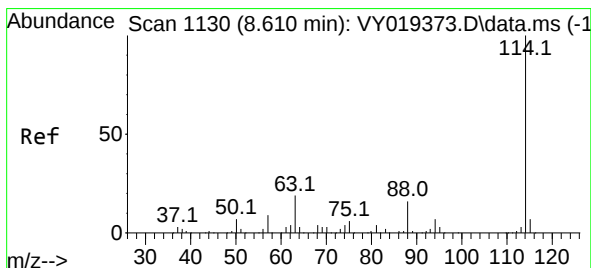
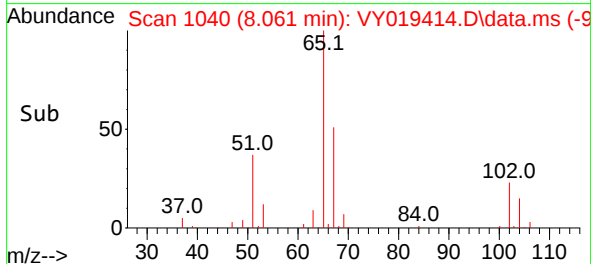
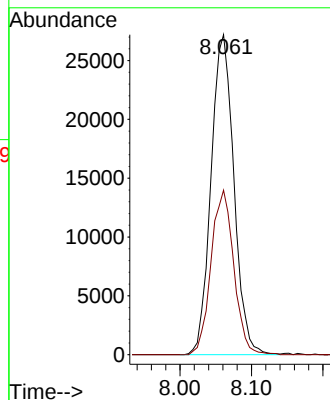
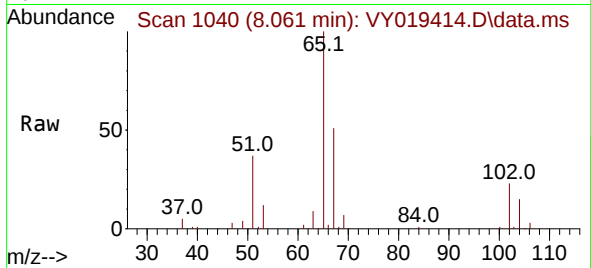
COMP-3

Tgt Ion: 65 Resp: 60409

Ion Ratio Lower Upper

65 100

67 51.2 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: VY019414.D

Acq: 30 Aug 2024 22:27

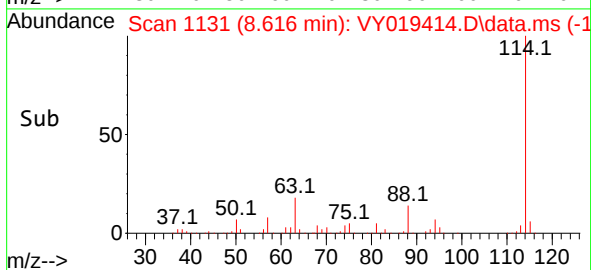
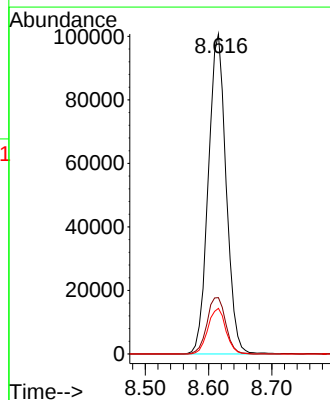
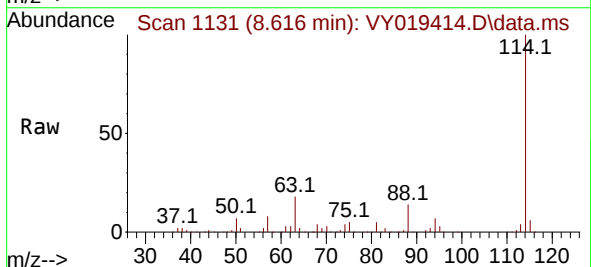
Tgt Ion: 114 Resp: 197085

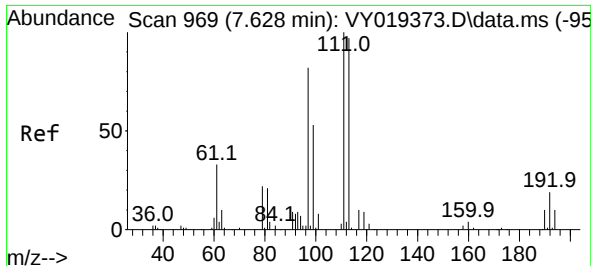
Ion Ratio Lower Upper

114 100

63 17.6 0.0 35.0

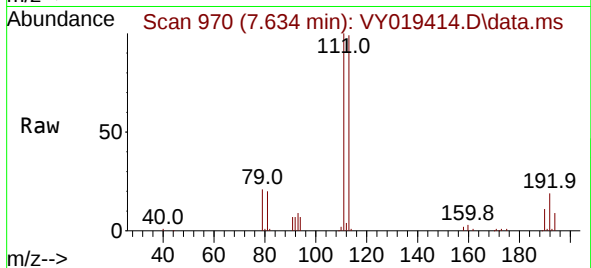
88 14.3 0.0 27.2



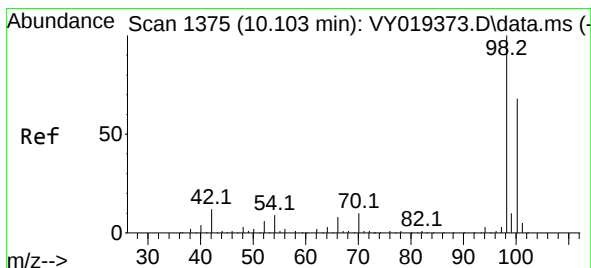
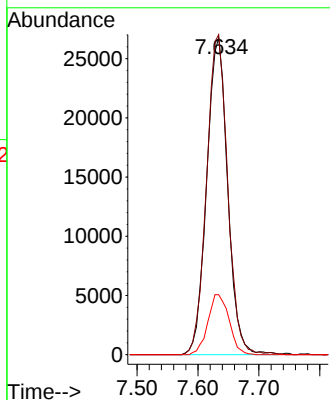
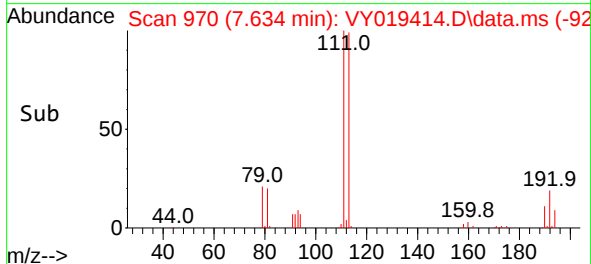


#35
Dibromofluoromethane
Concen: 51.347 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019414.D
Acq: 30 Aug 2024 22:27

Instrument :
MSVOA_Y
ClientSampleId :
COMP-3

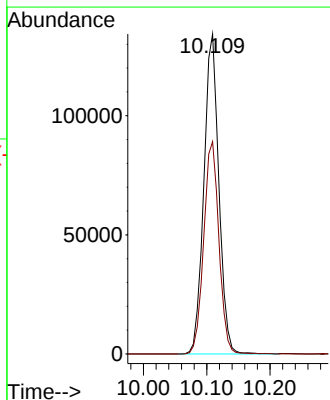
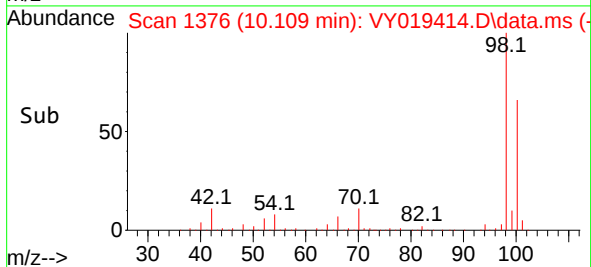
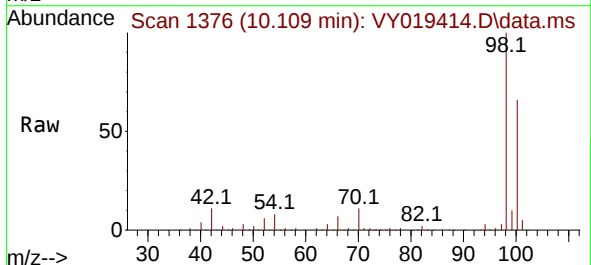


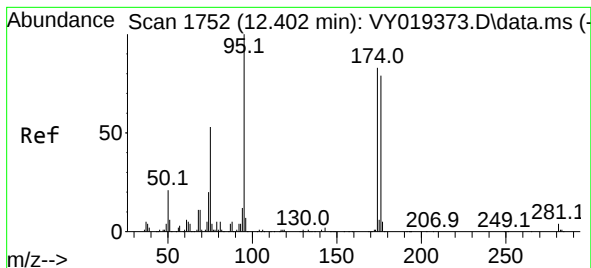
Tgt Ion:113 Resp: 63981
Ion Ratio Lower Upper
113 100
111 101.7 82.2 123.4
192 19.1 15.9 23.9



#50
Toluene-d8
Concen: 48.326 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY019414.D
Acq: 30 Aug 2024 22:27

Tgt Ion: 98 Resp: 221667
Ion Ratio Lower Upper
98 100
100 67.3 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 46.100 ug/l

RT: 12.408 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY019414.D

Acq: 30 Aug 2024 22:27

Instrument :

MSVOA_Y

ClientSampleId :

COMP-3

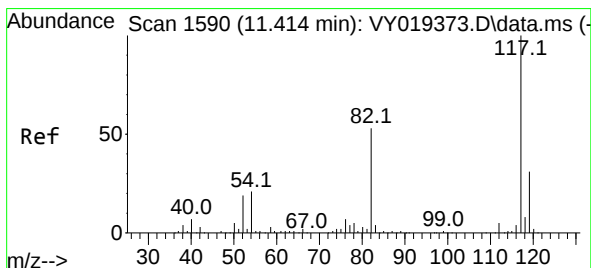
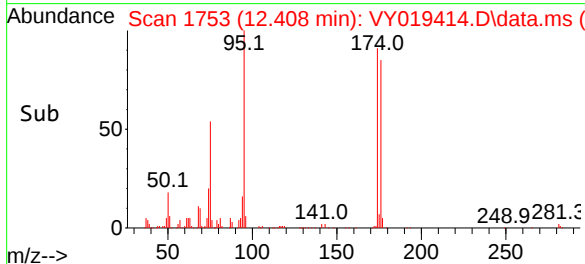
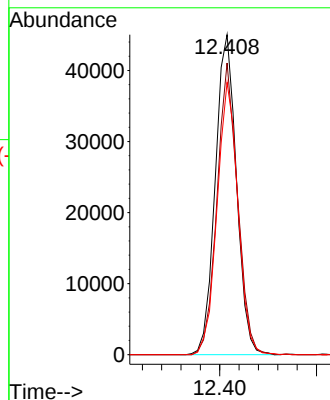
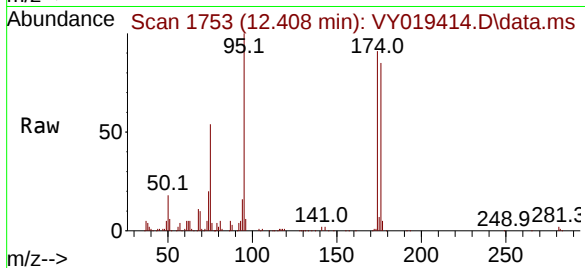
Tgt Ion: 95 Resp: 68393

Ion Ratio Lower Upper

95 100

174 88.3 0.0 175.6

176 84.0 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: VY019414.D

Acq: 30 Aug 2024 22:27

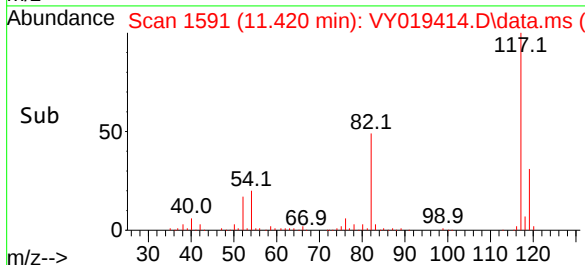
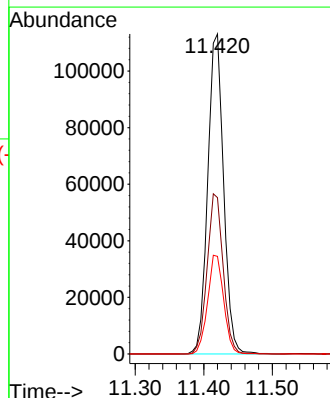
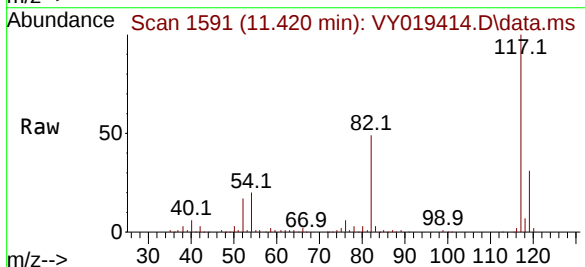
Tgt Ion: 117 Resp: 181798

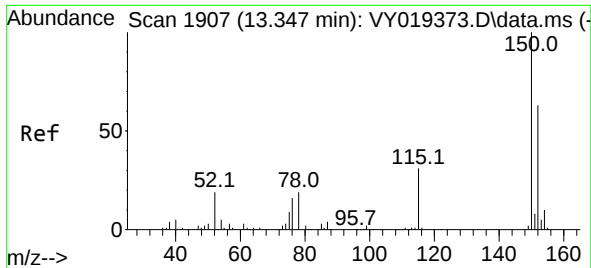
Ion Ratio Lower Upper

117 100

82 48.8 42.4 63.6

119 30.5 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: VY019414.D

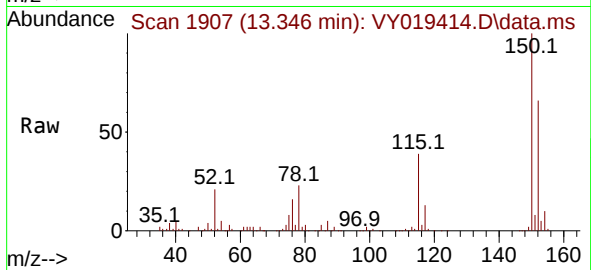
Acq: 30 Aug 2024 22:27

Instrument :

MSVOA_Y

ClientSampleId :

COMP-3



Tgt Ion:152 Resp: 67865

Ion Ratio Lower Upper

152 100

115 57.3 28.2 84.7

150 157.2 0.0 345.6

