

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101424\
 Data File : VY019888.D
 Acq On : 14 Oct 2024 13:45
 Operator : SY/MD
 Sample : P4385-13
 Misc : 6.77g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-7

Quant Time: Oct 15 01:36:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 10 05:30:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	246979	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	513227	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	465047	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	168651	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	178676	58.755	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.500%
35) Dibromofluoromethane	7.634	113	169620	50.084	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.160%
50) Toluene-d8	10.109	98	628650	50.265	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.520%
62) 4-Bromofluorobenzene	12.401	95	196315	43.442	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	86.880%

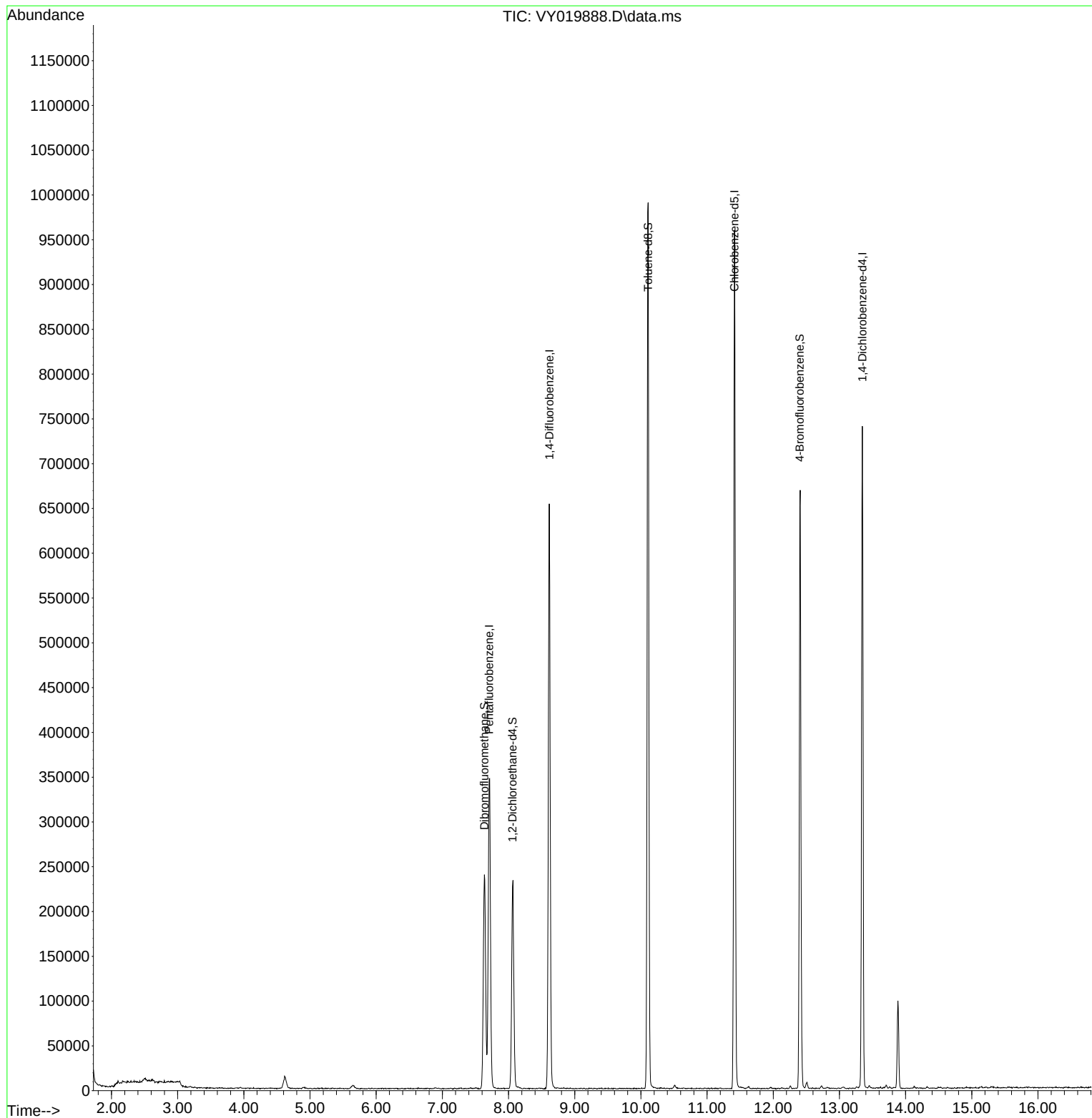
Target Compounds	Qvalue

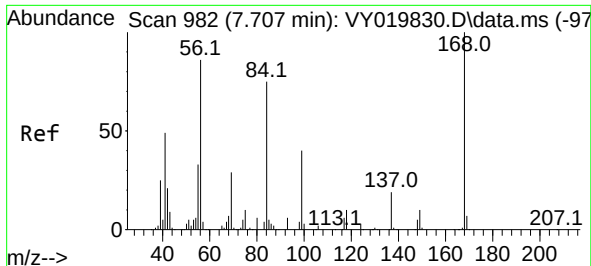
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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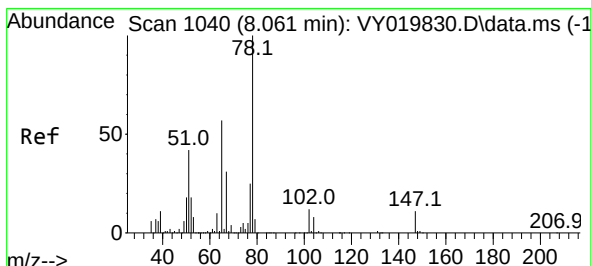
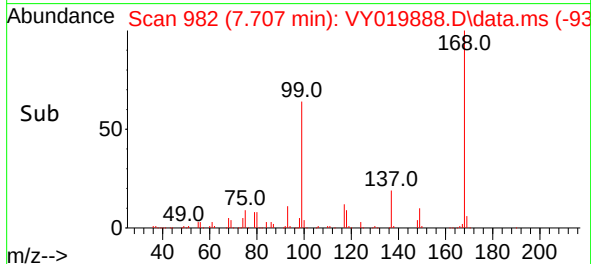
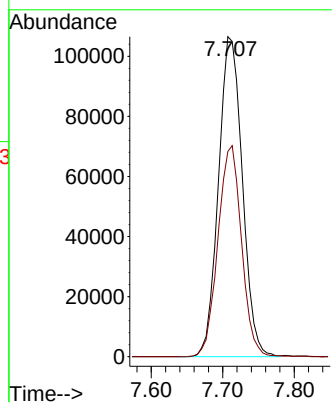
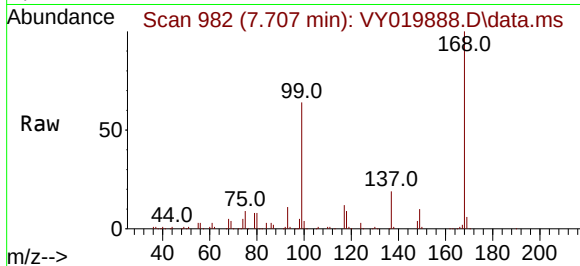




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019888.D
Acq: 14 Oct 2024 13:45

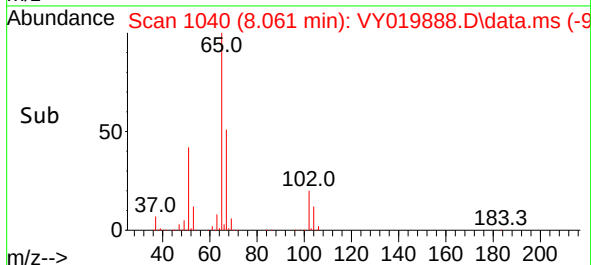
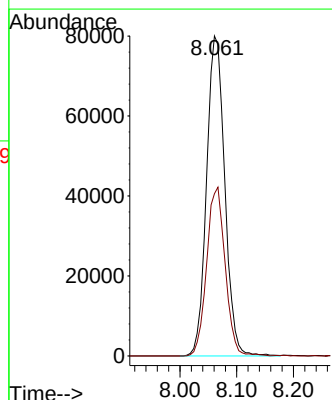
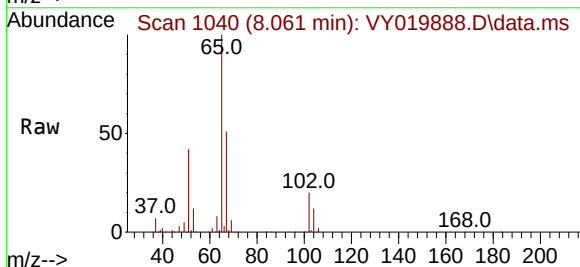
Instrument :
MSVOA_Y
ClientSampleId :
SP-7

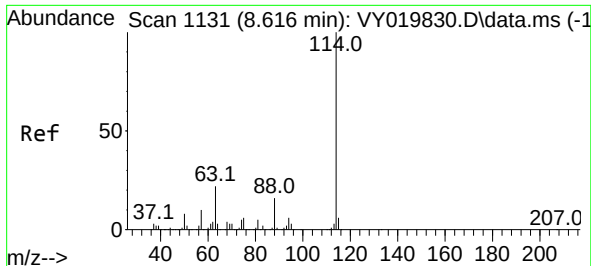
Tgt Ion:168 Resp: 246979
Ion Ratio Lower Upper
168 100
99 64.2 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 58.755 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019888.D
Acq: 14 Oct 2024 13:45

Tgt Ion: 65 Resp: 178676
Ion Ratio Lower Upper
65 100
67 53.6 0.0 109.6

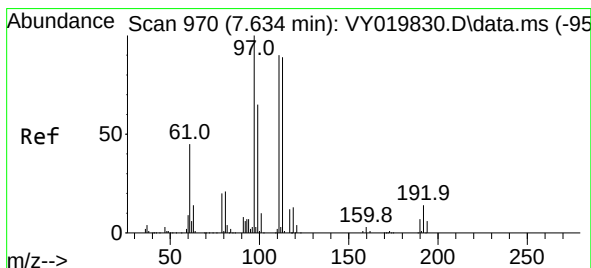
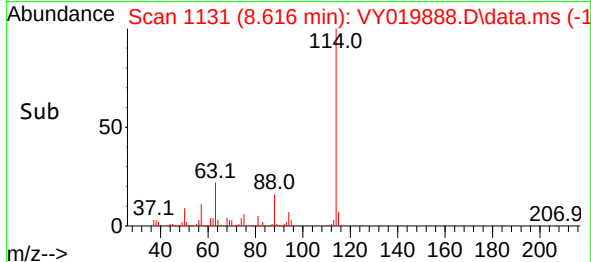
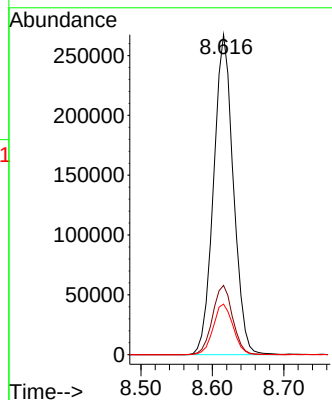
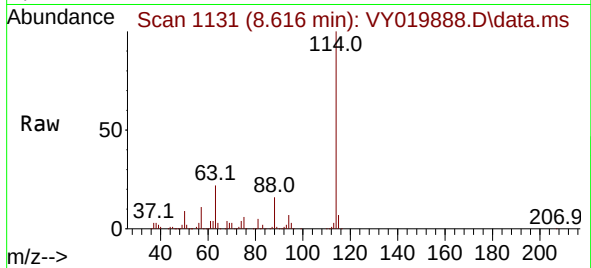




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY019888.D
Acq: 14 Oct 2024 13:45

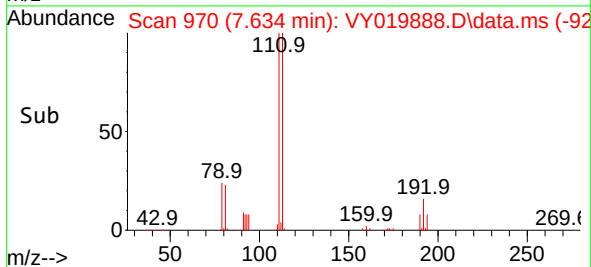
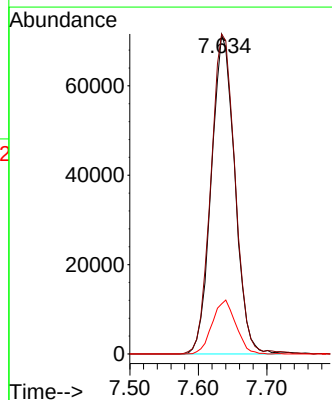
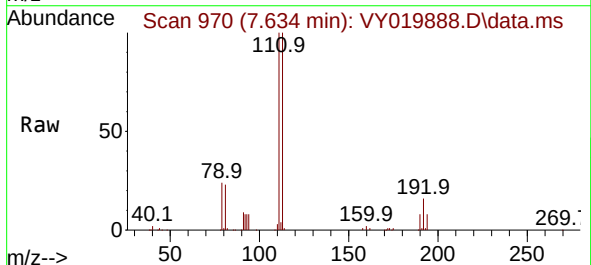
Instrument :
MSVOA_Y
ClientSampleId :
SP-7

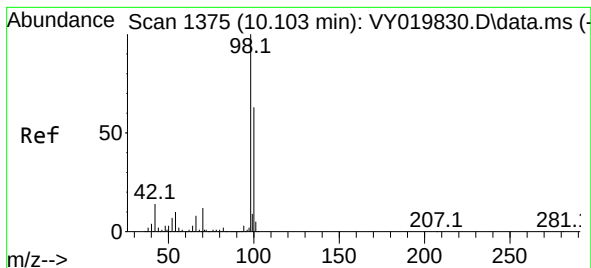
Tgt Ion:114 Resp: 513227
Ion Ratio Lower Upper
114 100
63 21.6 0.0 35.0
88 15.8 0.0 27.2



#35
Dibromofluoromethane
Concen: 50.084 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY019888.D
Acq: 14 Oct 2024 13:45

Tgt Ion:113 Resp: 169620
Ion Ratio Lower Upper
113 100
111 103.7 82.2 123.4
192 17.0 15.9 23.9





#50

Toluene-d8

Concen: 50.265 ug/l

RT: 10.109 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019888.D

Acq: 14 Oct 2024 13:45

Instrument :

MSVOA_Y

ClientSampleId :

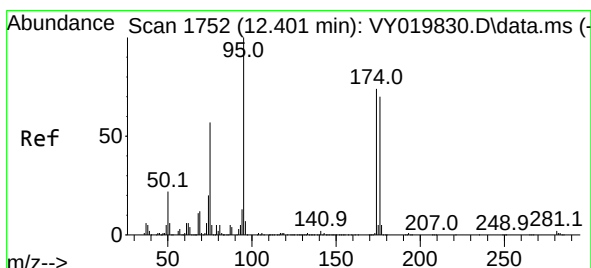
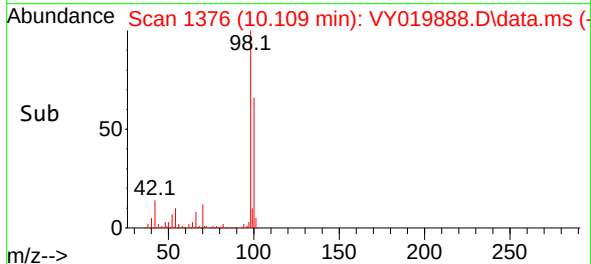
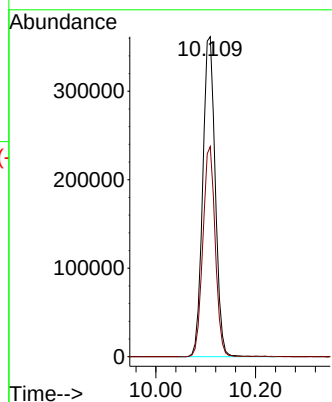
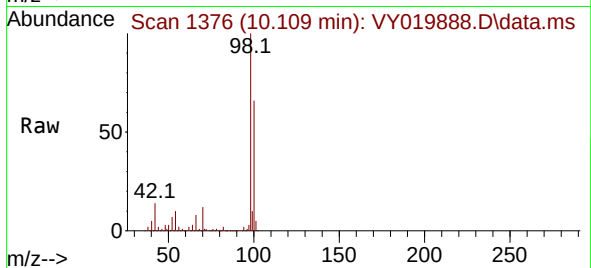
SP-7

Tgt Ion: 98 Resp: 628650

Ion Ratio Lower Upper

98 100

100 64.9 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 43.442 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.006 min

Lab File: VY019888.D

Acq: 14 Oct 2024 13:45

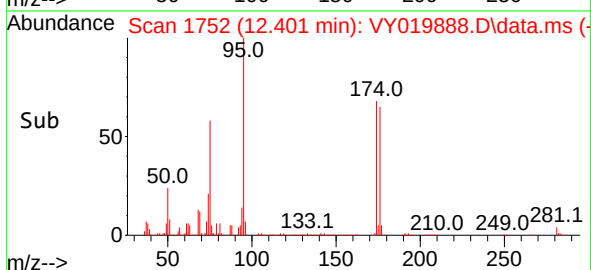
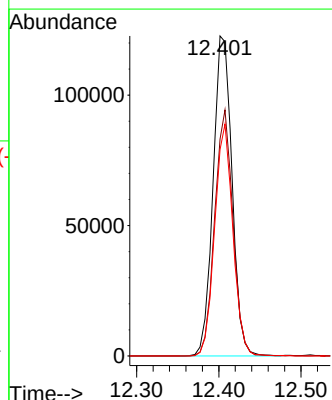
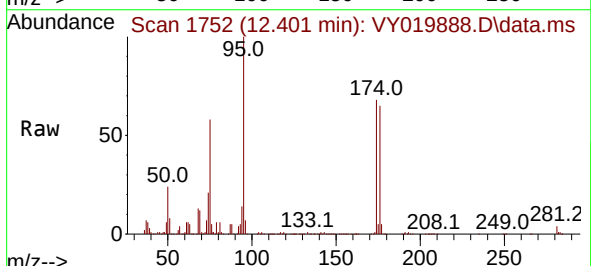
Tgt Ion: 95 Resp: 196315

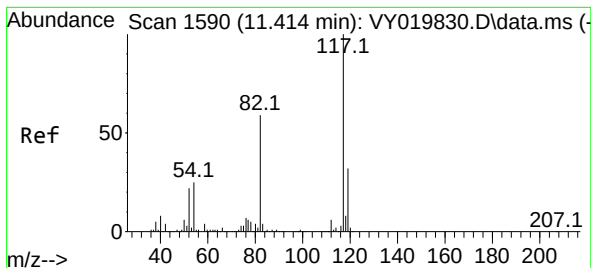
Ion Ratio Lower Upper

95 100

174 74.4 0.0 175.6

176 69.6 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019888.D

Acq: 14 Oct 2024 13:45

Instrument :

MSVOA_Y

ClientSampleId :

SP-7

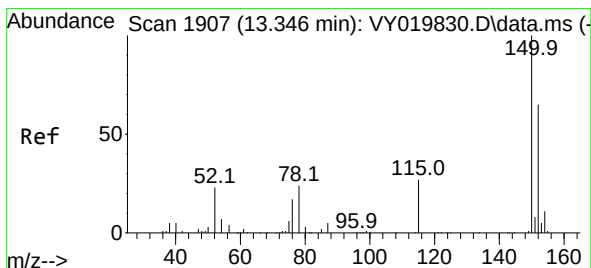
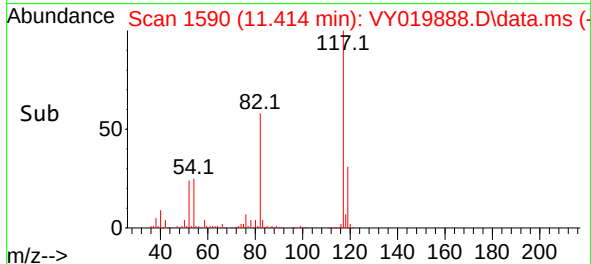
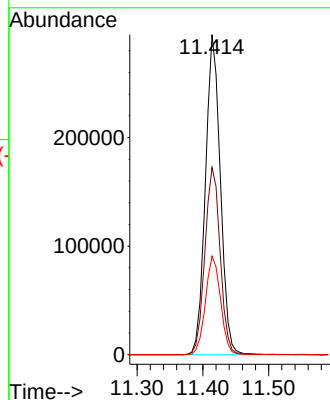
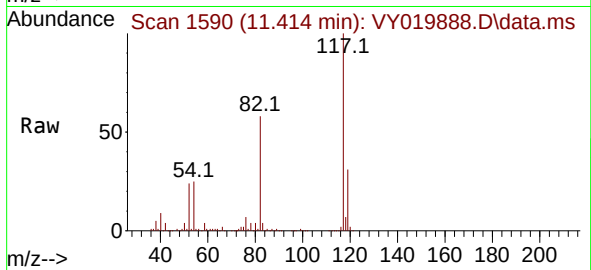
Tgt Ion:117 Resp: 465047

Ion Ratio Lower Upper

117 100

82 58.5 42.4 63.6

119 30.8 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: VY019888.D

Acq: 14 Oct 2024 13:45

Tgt Ion:152 Resp: 168651

Ion Ratio Lower Upper

152 100

115 61.6 28.2 84.7

150 159.6 0.0 345.6

