

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011725\
 Data File : VY020846.D
 Acq On : 17 Jan 2025 11:39
 Operator : SY/MD
 Sample : Q1098-01
 Misc : 4.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OILY-STONE-COMP

Quant Time: Jan 17 23:23:16 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 01:31:46 2025
 Response via : Initial Calibration

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

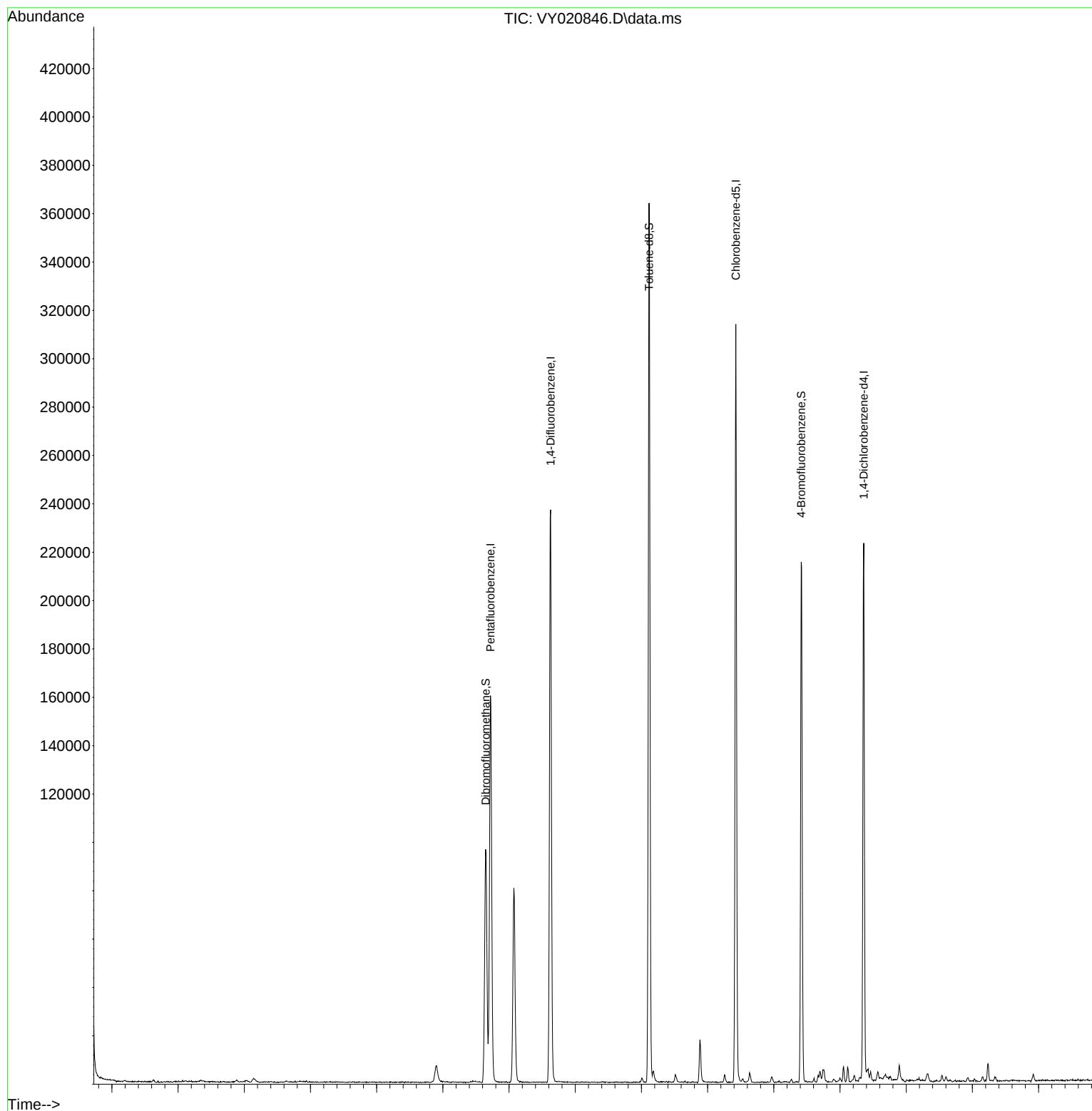
Internal Standards						
1) Pentafluorobenzene	7.719	168	131068	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.628	114	217941	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	174376	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	61562	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	66367	59.574	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.140%
35) Dibromofluoromethane	7.646	113	70676	51.763	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.520%
50) Toluene-d8	10.115	98	244678	51.406	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.820%
62) 4-Bromofluorobenzene	12.414	95	67992	38.683	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	77.360%
Target Compounds						
51) 4-Methyl-2-Pentanone	10.006	43	1171	1.663	ug/l	Qvalue 87

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

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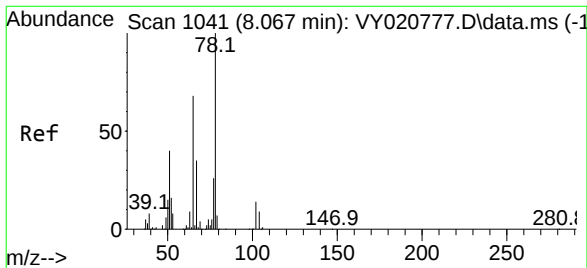
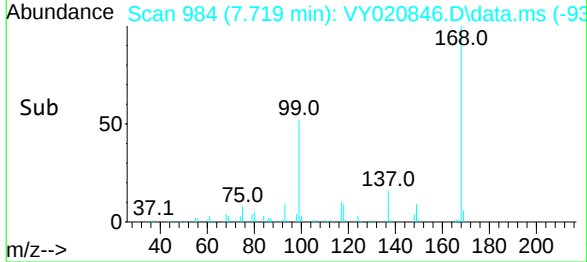
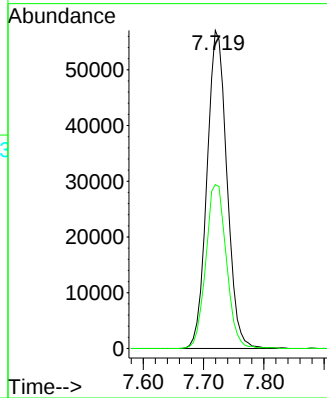
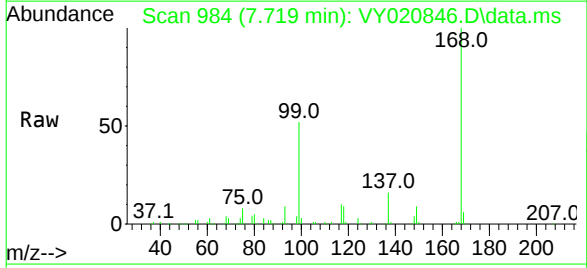




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 98
Delta R.T. 0.006 min
Lab File: VY020846.D
Acq: 17 Jan 2025 11:39

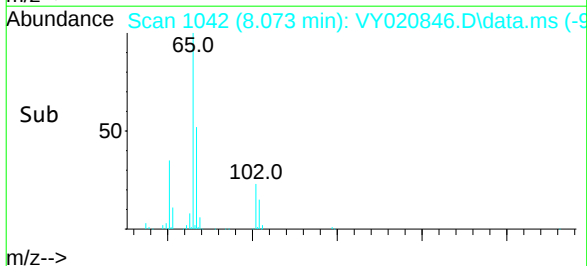
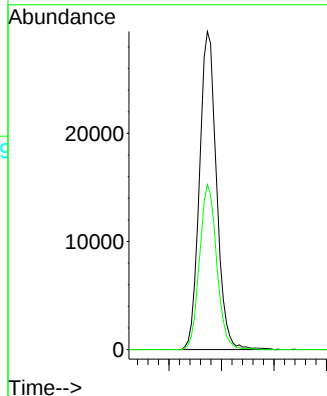
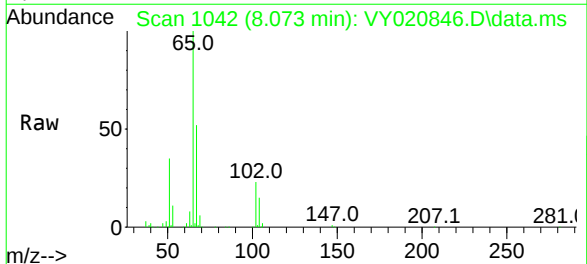
Instrument :
MSVOA_Y
ClientSampleId :
OILY-STONE-COMP

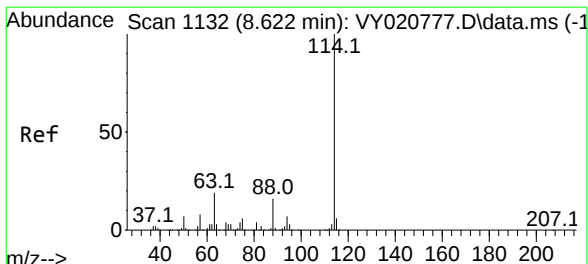
Tgt Ion:168 Resp: 131068
Ion Ratio Lower Upper
168 100
99 51.5 44.3 66.5



#33
1,2-Dichloroethane-d4
Concen: 59.574 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VY020846.D
Acq: 17 Jan 2025 11:39

Tgt Ion: 65 Resp: 66367
Ion Ratio Lower Upper
65 100
67 52.3 0.0 102.8

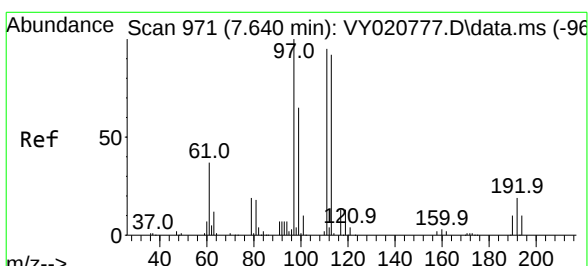
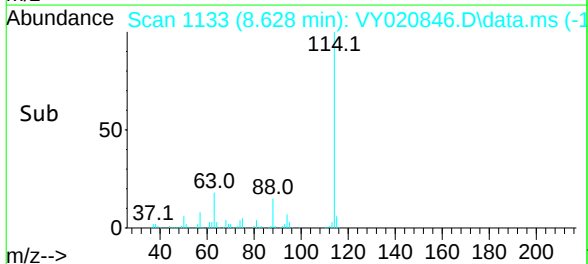
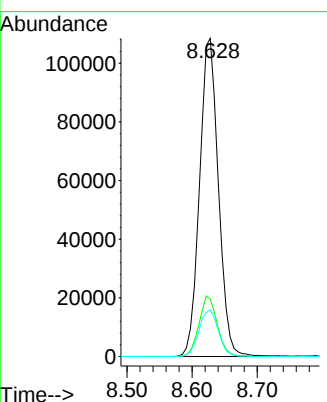
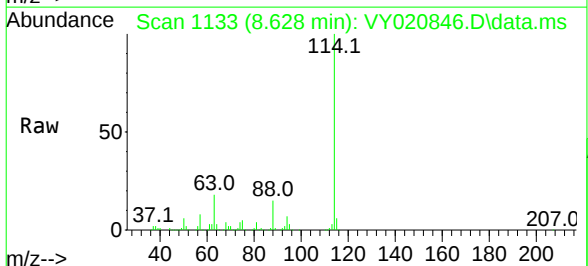




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.628 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VY020846.D
 Acq: 17 Jan 2025 11:39

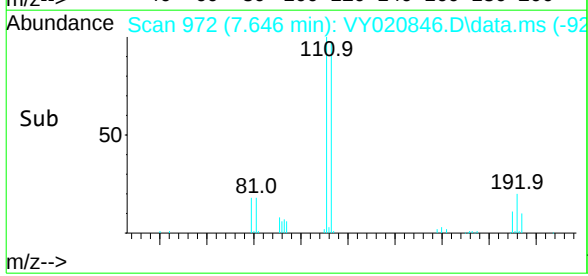
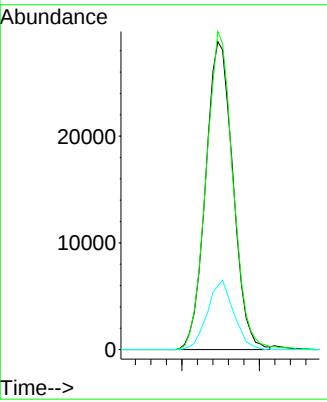
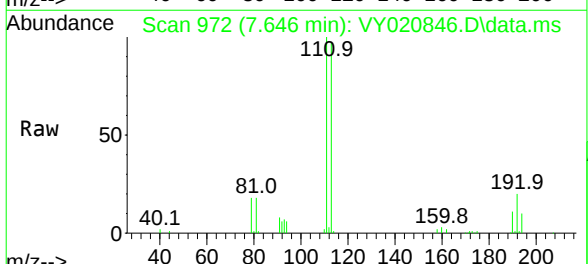
Instrument :
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 ClientSampleId :
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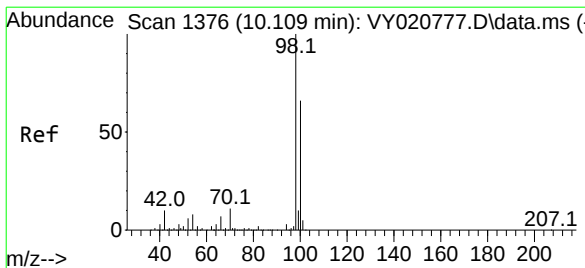
Tgt Ion:	114	Resp:	217941
Ion Ratio	Lower	Upper	
114	100		
63	18.0	0.0	38.4
88	14.7	0.0	31.2



#35
 Dibromofluoromethane
 Concen: 51.763 ug/l
 RT: 7.646 min Scan# 972
 Delta R.T. 0.006 min
 Lab File: VY020846.D
 Acq: 17 Jan 2025 11:39

Tgt Ion:	113	Resp:	70676
Ion Ratio	Lower	Upper	
113	100		
111	101.8	81.7	122.5
192	21.6	16.7	25.1





#50

Toluene-d8

Concen: 51.406 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.006 min

Lab File: VY020846.D

Acq: 17 Jan 2025 11:39

Instrument :

MSVOA_Y

ClientSampleId :

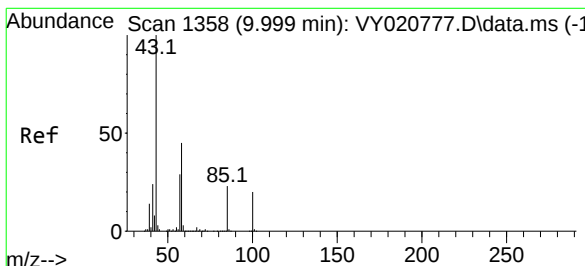
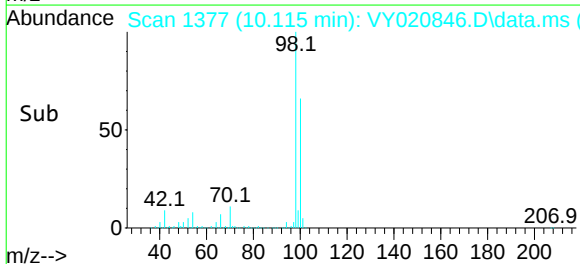
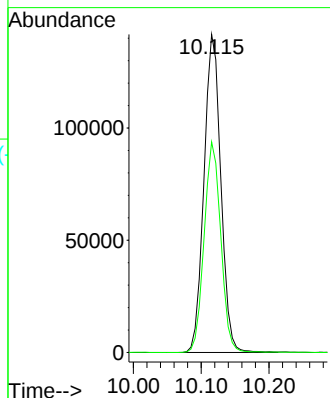
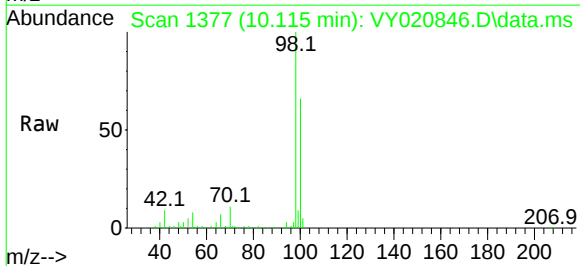
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Tgt Ion: 98 Resp: 244678

Ion Ratio Lower Upper

98 100

100 65.4 52.5 78.7



#51

4-Methyl-2-Pentanone

Concen: 1.663 ug/l

RT: 10.006 min Scan# 1359

Delta R.T. 0.006 min

Lab File: VY020846.D

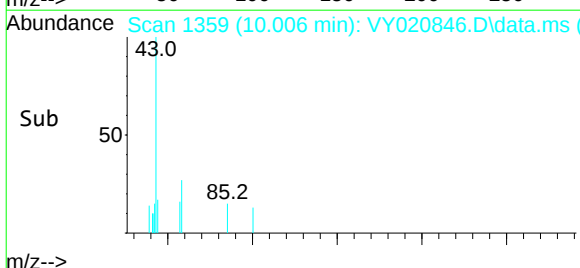
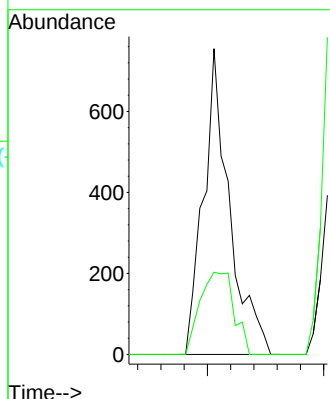
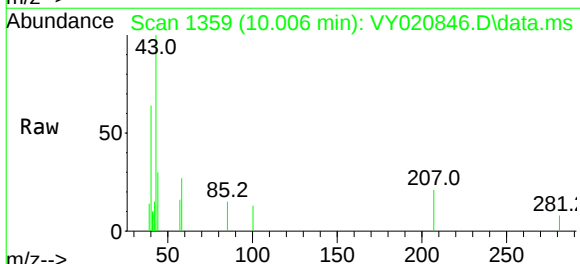
Acq: 17 Jan 2025 11:39

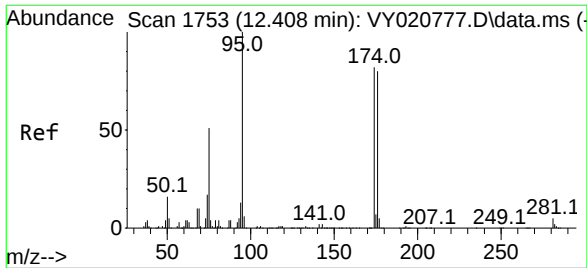
Tgt Ion: 43 Resp: 1171

Ion Ratio Lower Upper

43 100

58 35.2 34.8 52.2





#62

4-Bromofluorobenzene

Concen: 38.683 ug/l

RT: 12.414 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY020846.D

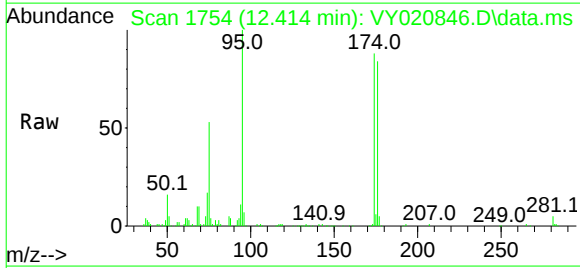
Acq: 17 Jan 2025 11:39

Instrument :

MSVOA_Y

ClientSampleId :

OILY-STONE-COMP



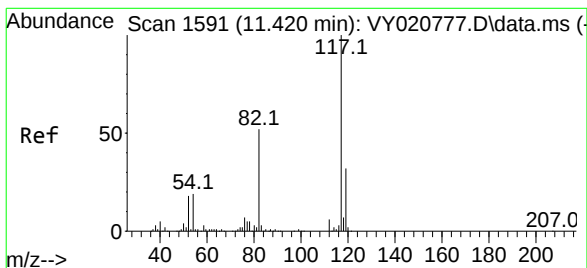
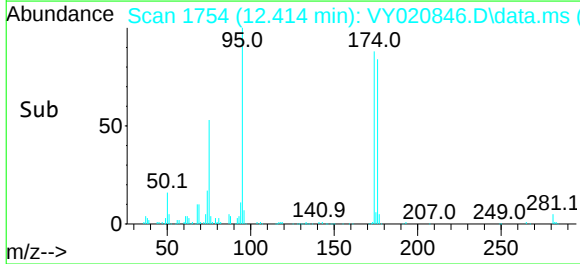
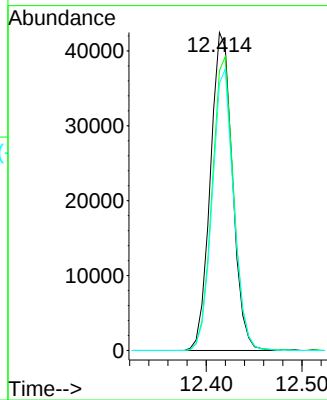
Tgt Ion: 95 Resp: 67992

Ion Ratio Lower Upper

95 100

174 90.4 0.0 178.0

176 86.2 0.0 172.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 1592

Delta R.T. 0.006 min

Lab File: VY020846.D

Acq: 17 Jan 2025 11:39

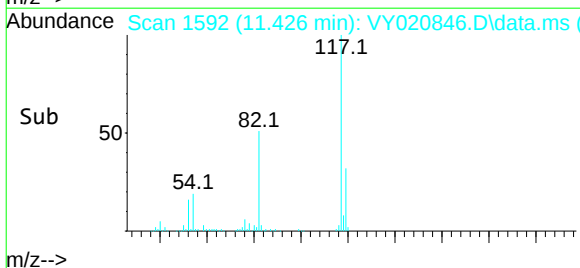
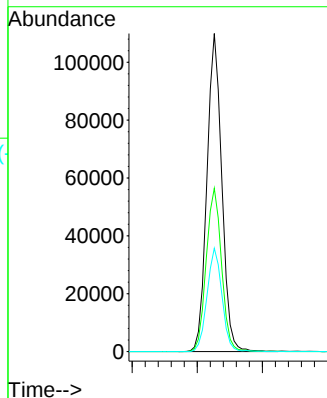
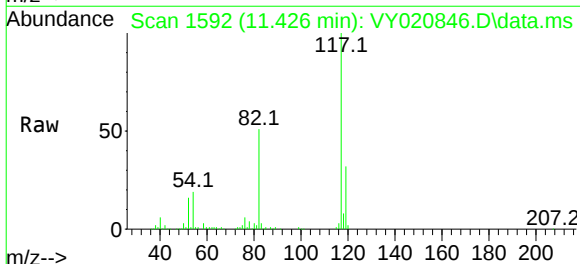
Tgt Ion: 117 Resp: 174376

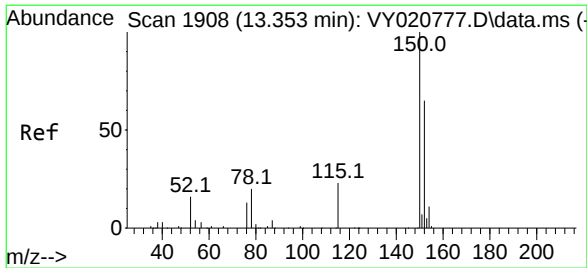
Ion Ratio Lower Upper

117 100

82 51.3 41.8 62.6

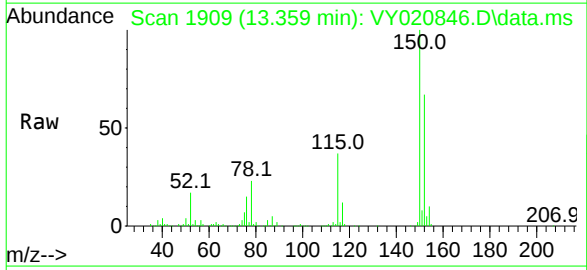
119 32.5 25.8 38.8





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.359 min Scan# 1909
Delta R.T. 0.006 min
Lab File: VY020846.D
Acq: 17 Jan 2025 11:39

Instrument :
MSVOA_Y
ClientSampleId :
OILY-STONE-COMP



Tgt Ion:152 Resp: 61562
Ion Ratio Lower Upper
152 100
115 55.4 29.0 87.0
150 154.4 0.0 347.4

