

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011725\
 Data File : VY020864.D
 Acq On : 17 Jan 2025 18:41
 Operator : SY/MD
 Sample : Q1099-01
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OILY-STONE-COMP

Quant Time: Jan 17 23:30:08 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	7.713	168	3613	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.621	114	5683	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	3568	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	323	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	2144	69.816	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	139.640%
35) Dibromofluoromethane	7.634	113	2122	59.601	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	119.200%
50) Toluene-d8	10.109	98	5932	47.795	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.580%
62) 4-Bromofluorobenzene	12.413	95	621	13.549	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	27.100%#

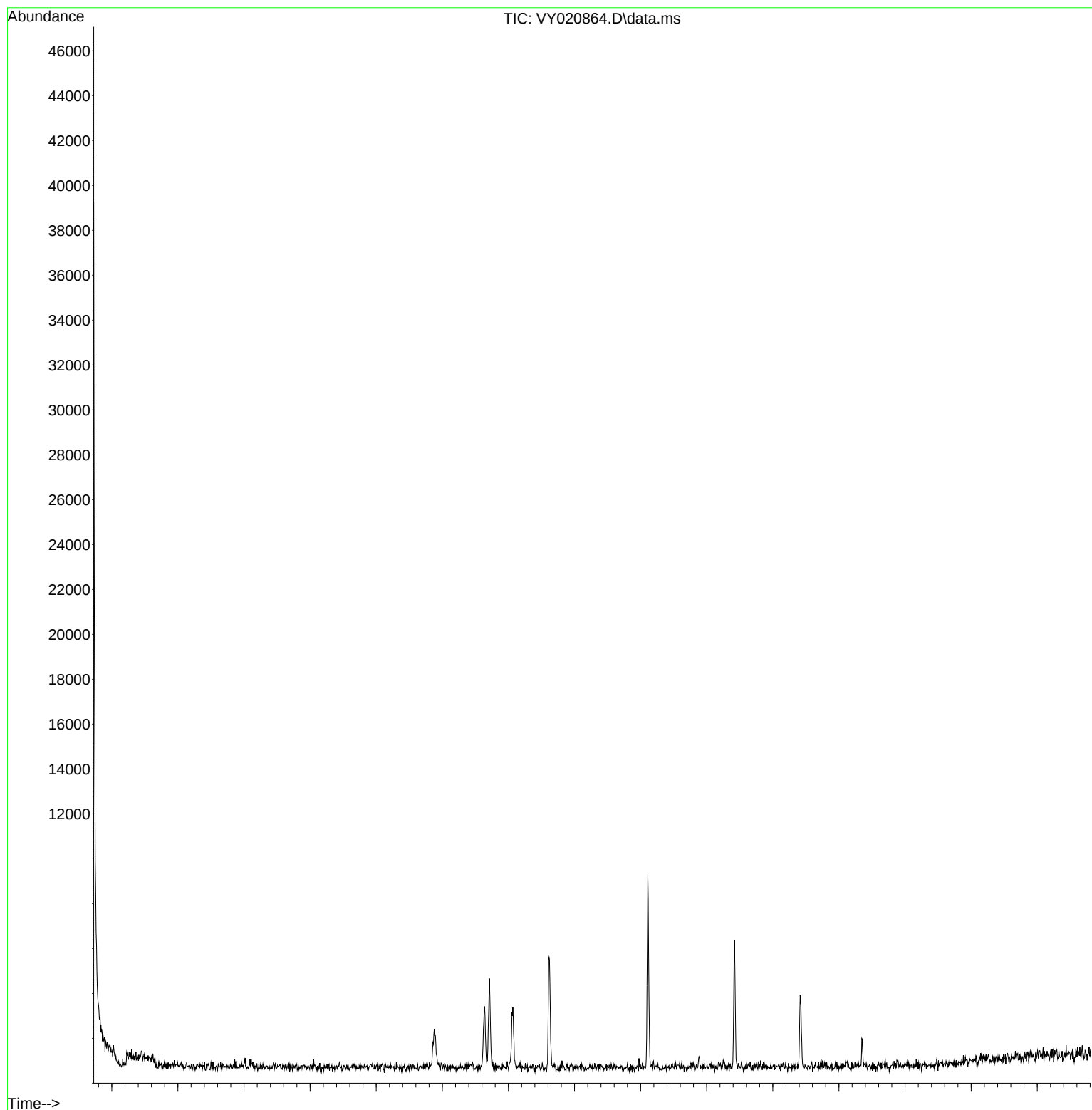
Target Compounds Qvalue

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

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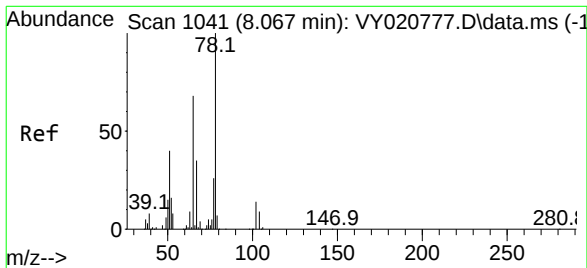
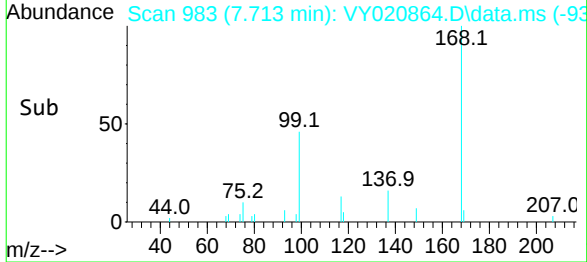
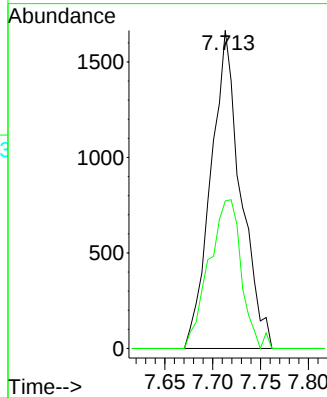
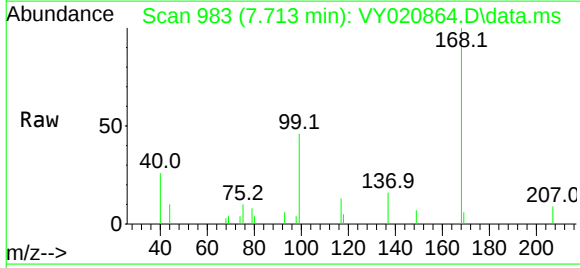




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY020864.D
Acq: 17 Jan 2025 18:41

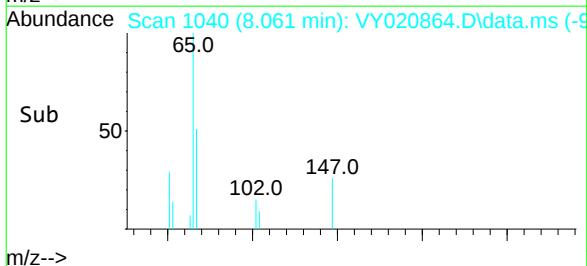
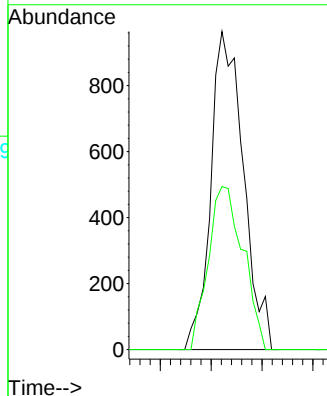
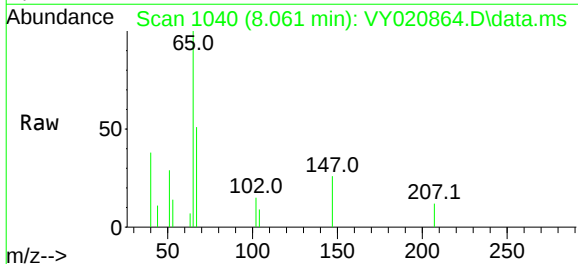
Instrument :
MSVOA_Y
ClientSampleId :
OILY-STONE-COMP

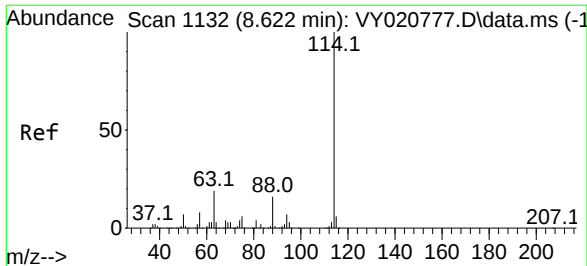
Tgt Ion:168 Resp: 3613
Ion Ratio Lower Upper
168 100
99 46.4 44.3 66.5



#33
1,2-Dichloroethane-d4
Concen: 69.816 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY020864.D
Acq: 17 Jan 2025 18:41

Tgt Ion: 65 Resp: 2144
Ion Ratio Lower Upper
65 100
67 54.9 0.0 102.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.621 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY020864.D

Acq: 17 Jan 2025 18:41

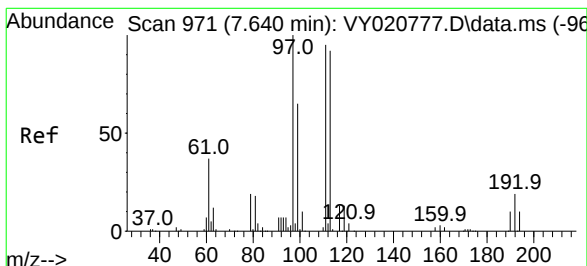
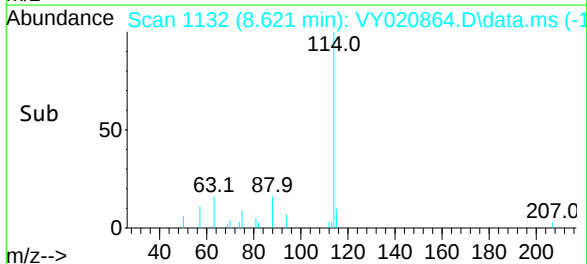
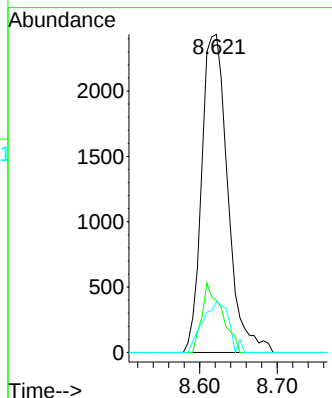
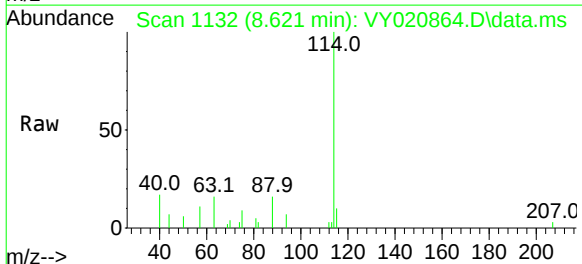
Instrument :

MSVOA_Y

ClientSampleId :

OILY-STONE-COMP

Tgt Ion:	114	Resp:	5683
Ion	Ratio	Lower	Upper
114	100		
63	16.4	0.0	38.4
88	15.9	0.0	31.2



#35

Dibromofluoromethane

Concen: 59.601 ug/l

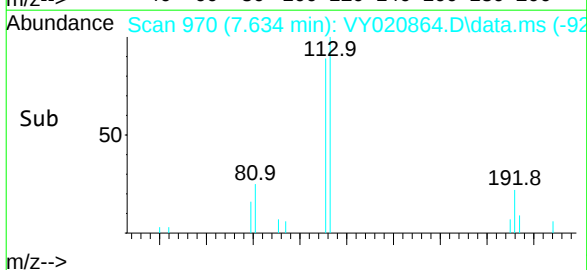
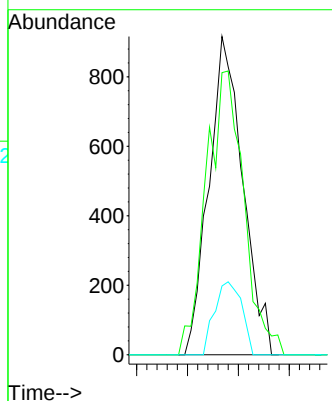
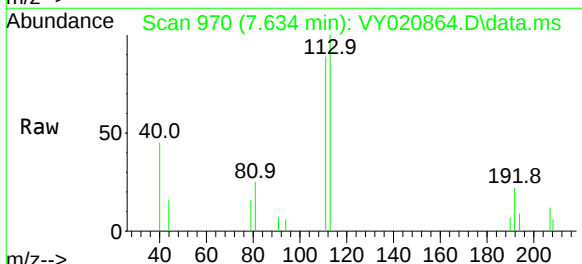
RT: 7.634 min Scan# 970

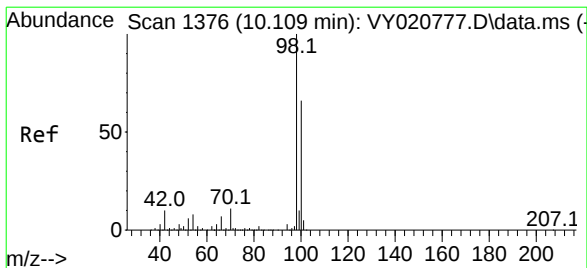
Delta R.T. -0.006 min

Lab File: VY020864.D

Acq: 17 Jan 2025 18:41

Tgt Ion:	113	Resp:	2122
Ion	Ratio	Lower	Upper
113	100		
111	98.5	81.7	122.5
192	18.3	16.7	25.1





#50

Toluene-d8

Concen: 47.795 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY020864.D

Acq: 17 Jan 2025 18:41

Instrument :

MSVOA_Y

ClientSampleId :

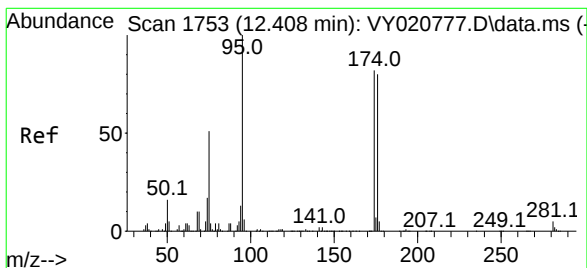
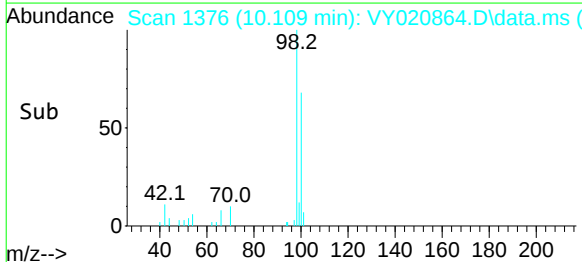
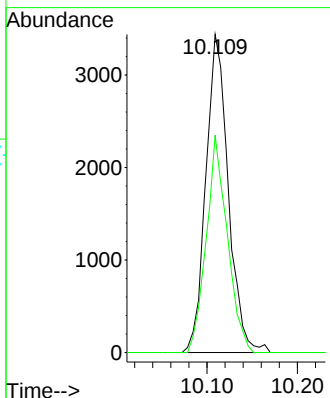
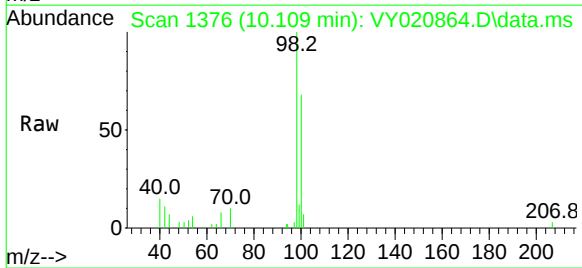
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Tgt Ion: 98 Resp: 5932

Ion Ratio Lower Upper

98 100

100 64.3 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 13.549 ug/l

RT: 12.413 min Scan# 1754

Delta R.T. 0.006 min

Lab File: VY020864.D

Acq: 17 Jan 2025 18:41

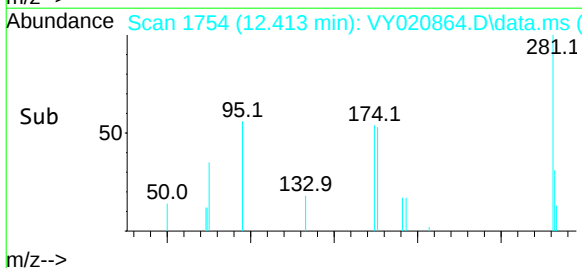
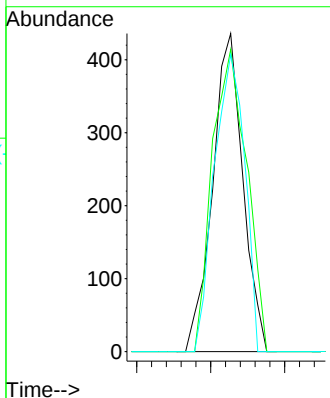
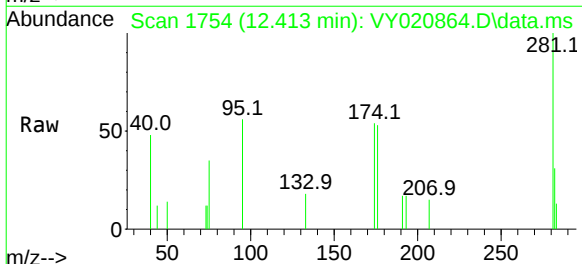
Tgt Ion: 95 Resp: 621

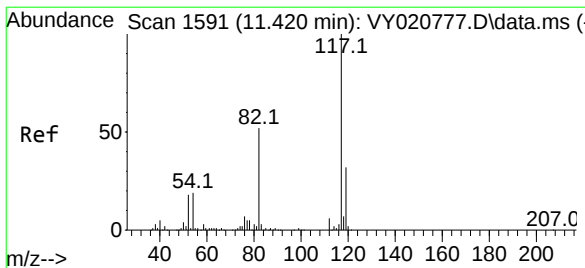
Ion Ratio Lower Upper

95 100

174 107.6 0.0 178.0

176 93.7 0.0 172.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1591

Delta R.T. -0.000 min

Lab File: VY020864.D

Acq: 17 Jan 2025 18:41

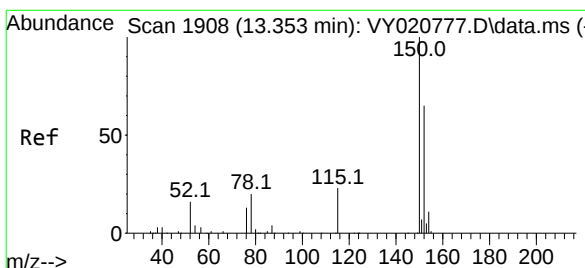
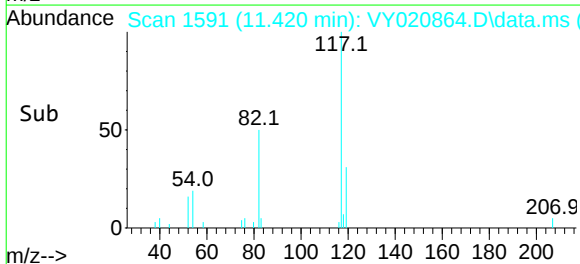
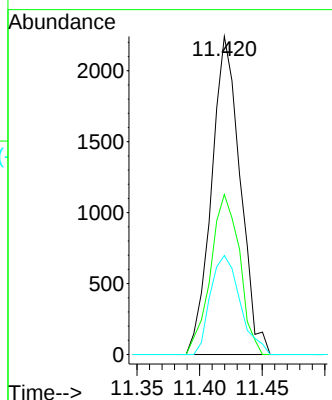
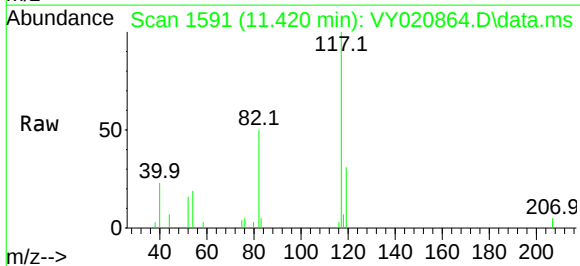
Instrument :

MSVOA_Y

ClientSampleId :

OILY-STONE-COMP

Tgt Ion:	117	Resp:	3568
Ion	Ratio	Lower	Upper
117	100		
82	50.3	41.8	62.6
119	31.1	25.8	38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY020864.D

Acq: 17 Jan 2025 18:41

Tgt Ion:	152	Resp:	323
Ion	Ratio	Lower	Upper
152	100		
115	68.4	29.0	87.0
150	244.9	0.0	347.4

