

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050923\
 Data File : VY013664.D
 Acq On : 09 May 2023 13:38
 Operator : KP/MD
 Sample : 02690-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-3-050823

Quant Time: May 10 05:36:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	6278	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	11241	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	11570	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	4427	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	7365	107.017	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	214.040%#
35) Dibromofluoromethane	7.716	113	4793	67.793	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	135.580%
50) Toluene-d8	10.179	98	13974	55.560	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	111.120%
62) 4-Bromofluorobenzene	12.483	95	4405	51.951	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	103.900%

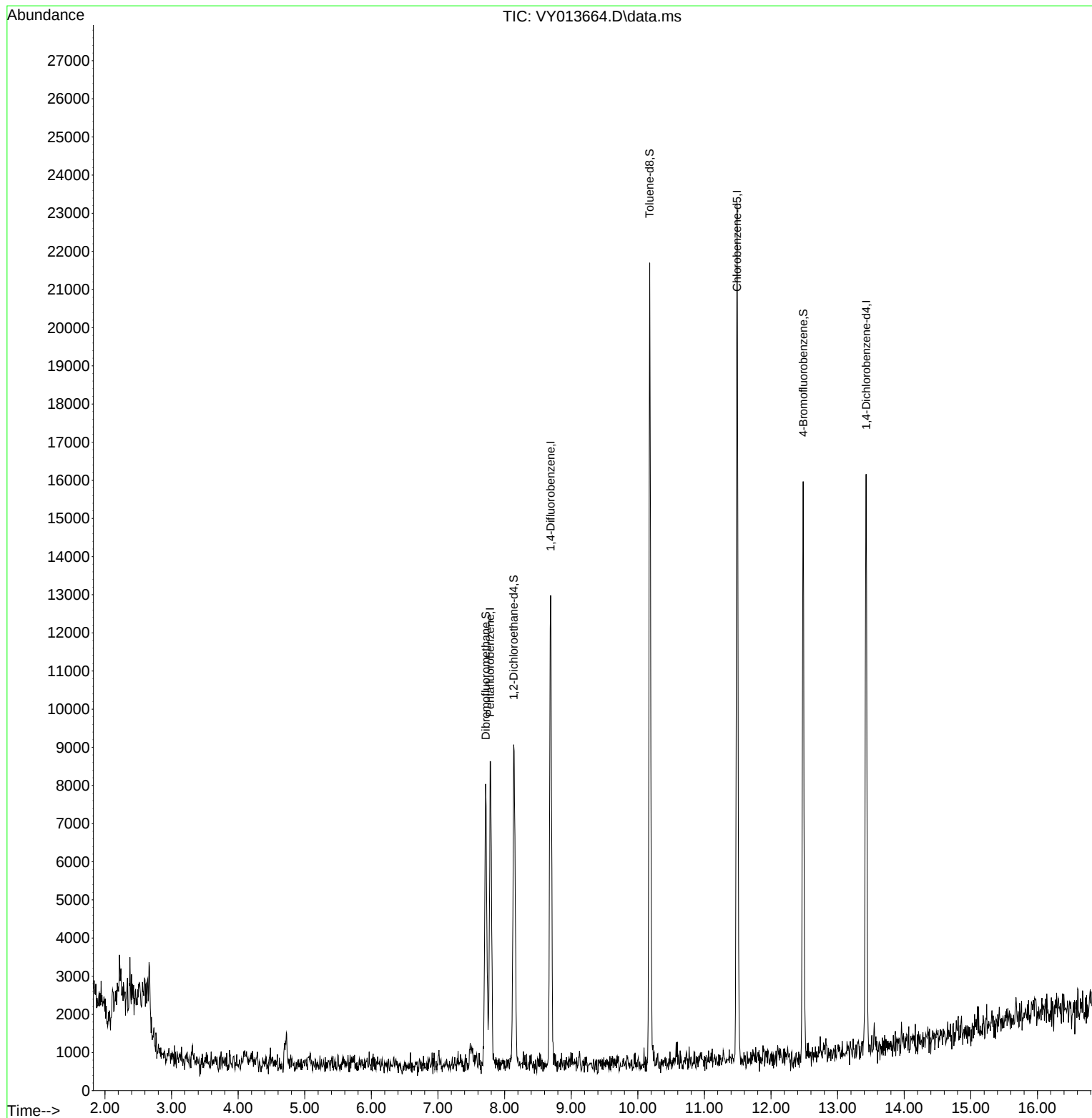
Target Compounds	Qvalue

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

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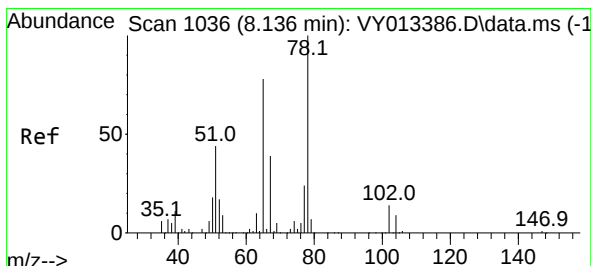
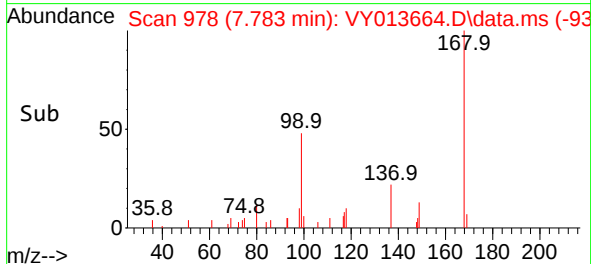
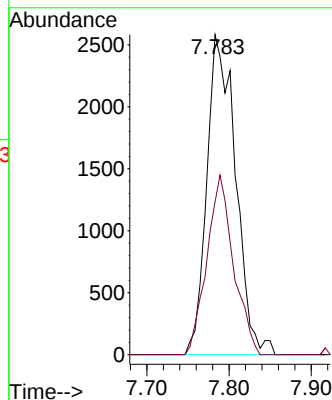
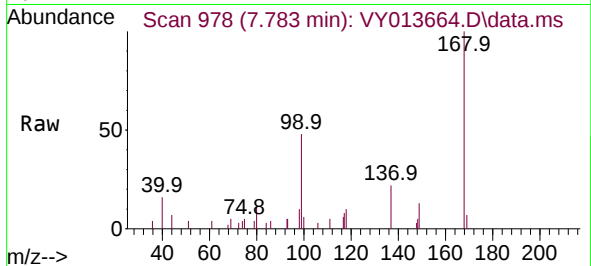




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013664.D
Acq: 09 May 2023 13:38

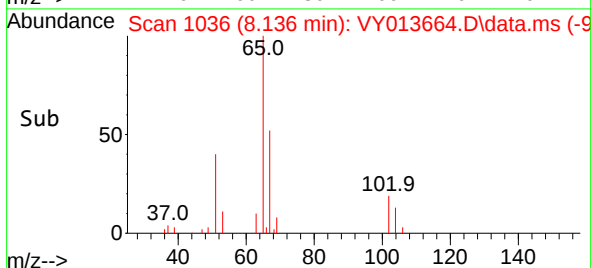
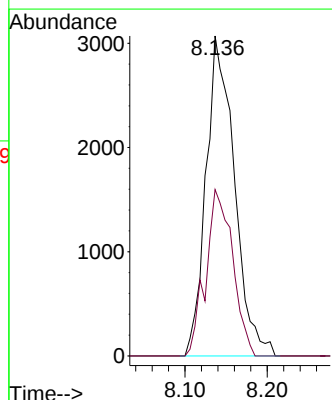
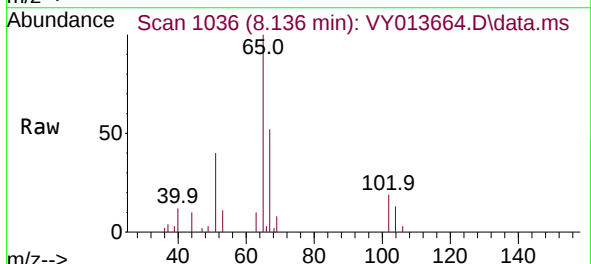
Instrument :
MSVOA_Y
ClientSampleId :
OR-3-050823

Tgt Ion:168 Resp: 6278
Ion Ratio Lower Upper
168 100
99 47.8 41.8 62.6



#33
1,2-Dichloroethane-d4
Concen: 107.017 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY013664.D
Acq: 09 May 2023 13:38

Tgt Ion: 65 Resp: 7365
Ion Ratio Lower Upper
65 100
67 49.1 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY013664.D

Acq: 09 May 2023 13:38

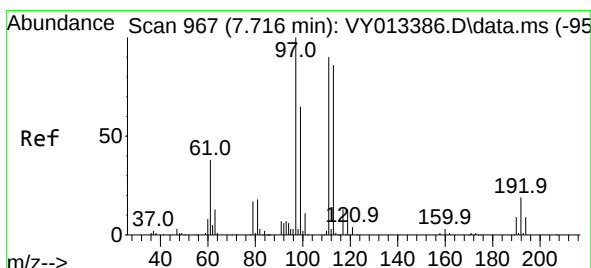
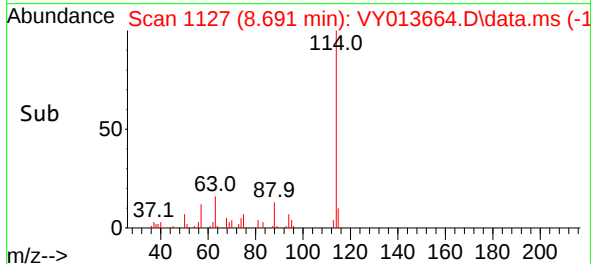
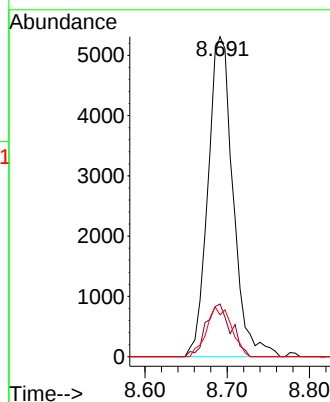
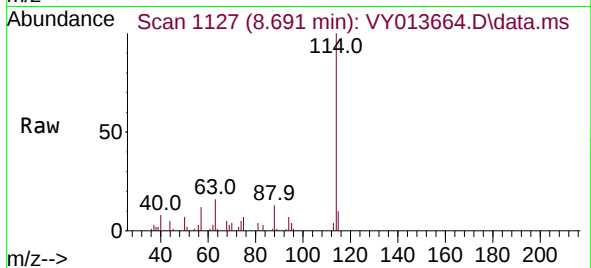
Instrument :

MSVOA_Y

ClientSampleId :

OR-3-050823

Tgt Ion:114	Resp:	11241
Ion	Ratio	Lower Upper
114	100	
63	16.5	0.0 36.6
88	13.1	0.0 28.8



#35

Dibromofluoromethane

Concen: 67.793 ug/l

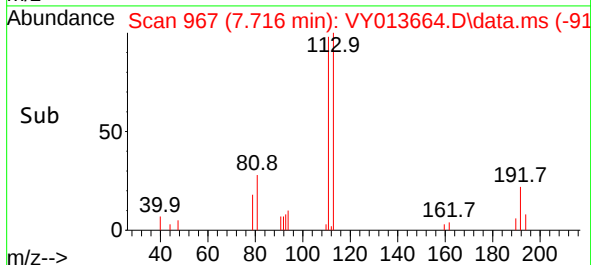
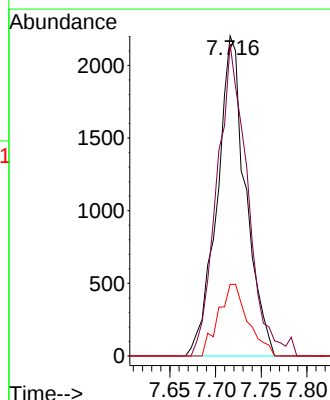
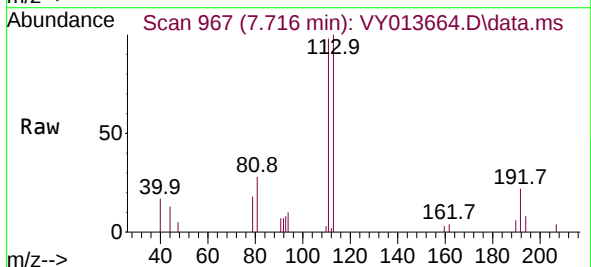
RT: 7.716 min Scan# 967

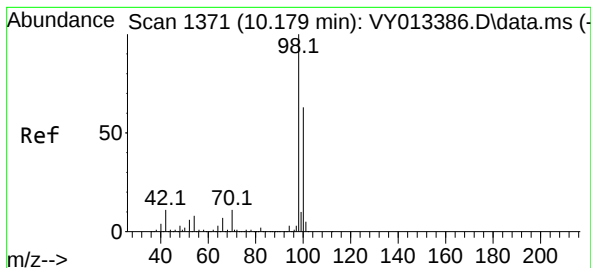
Delta R.T. -0.000 min

Lab File: VY013664.D

Acq: 09 May 2023 13:38

Tgt Ion:113	Resp:	4793
Ion	Ratio	Lower Upper
113	100	
111	104.4	82.2 123.2
192	23.2	16.7 25.1





#50

Toluene-d8

Concen: 55.560 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013664.D

Acq: 09 May 2023 13:38

Instrument :

MSVOA_Y

ClientSampleId :

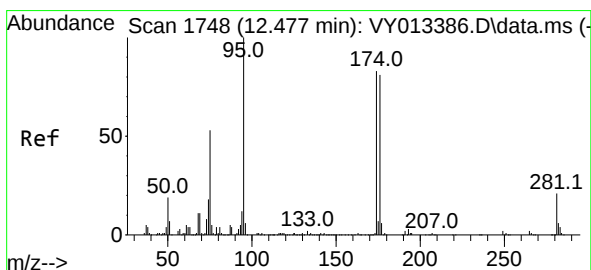
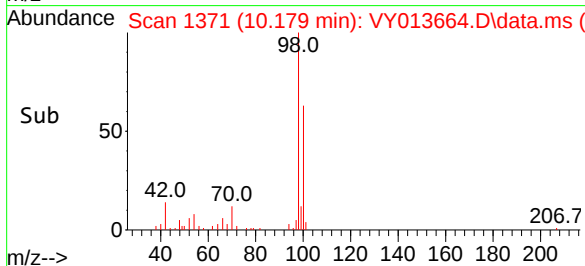
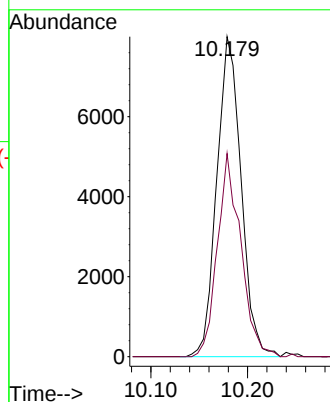
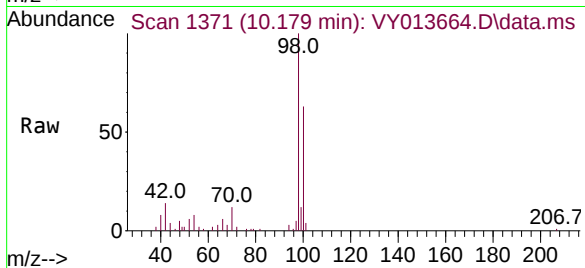
OR-3-050823

Tgt Ion: 98 Resp: 13974

Ion Ratio Lower Upper

98 100

100 61.3 50.5 75.7



#62

4-Bromofluorobenzene

Concen: 51.951 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY013664.D

Acq: 09 May 2023 13:38

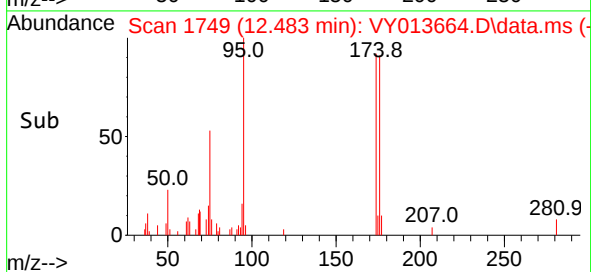
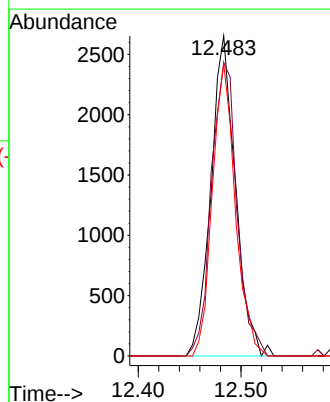
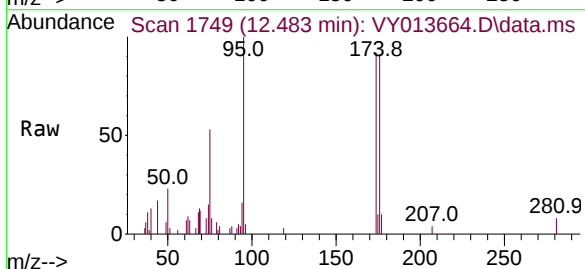
Tgt Ion: 95 Resp: 4405

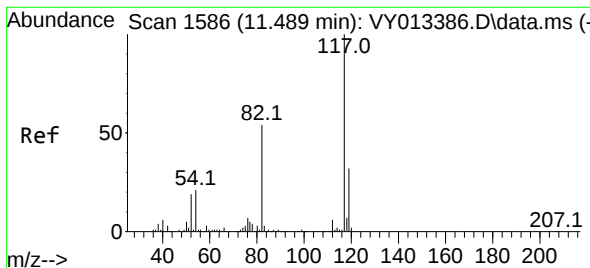
Ion Ratio Lower Upper

95 100

174 95.7 0.0 182.0

176 85.2 0.0 175.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013664.D

Acq: 09 May 2023 13:38

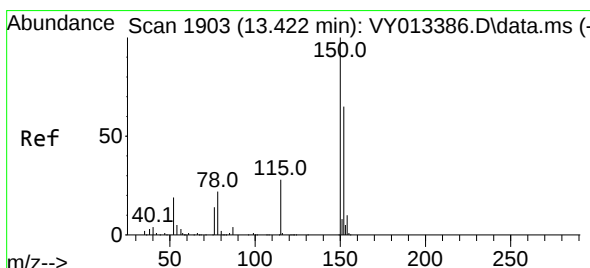
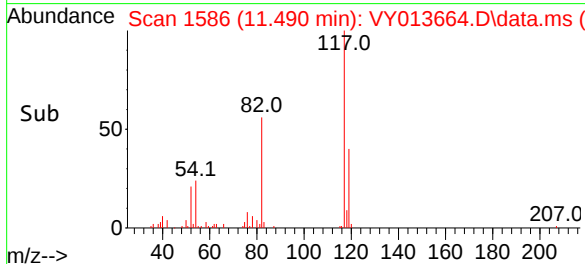
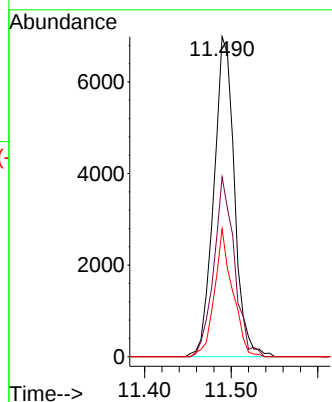
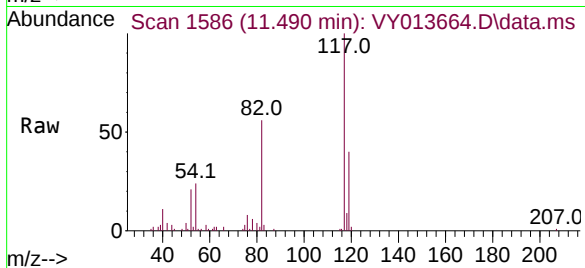
Instrument :

MSVOA_Y

ClientSampleId :

OR-3-050823

Tgt Ion:	117	Resp:	11570
Ion	Ratio	Lower	Upper
117	100		
82	56.1	43.0	64.6
119	39.9	25.5	38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY013664.D

Acq: 09 May 2023 13:38

Tgt Ion:	152	Resp:	4427
Ion	Ratio	Lower	Upper
152	100		
115	56.1	28.1	84.2
150	151.1	0.0	352.0

