

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050824\
 Data File : VY018180.D
 Acq On : 08 May 2024 10:54
 Operator : SY/MD
 Sample : VY0508SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0508SBL01

Quant Time: May 09 02:21:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 01:40:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	214134	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	384952	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	337631	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	131241	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	91508	58.089	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.180%
35) Dibromofluoromethane	7.710	113	110516	54.627	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.260%
50) Toluene-d8	10.179	98	427916	53.675	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	107.360%
62) 4-Bromofluorobenzene	12.483	95	129655	50.360	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	100.720%

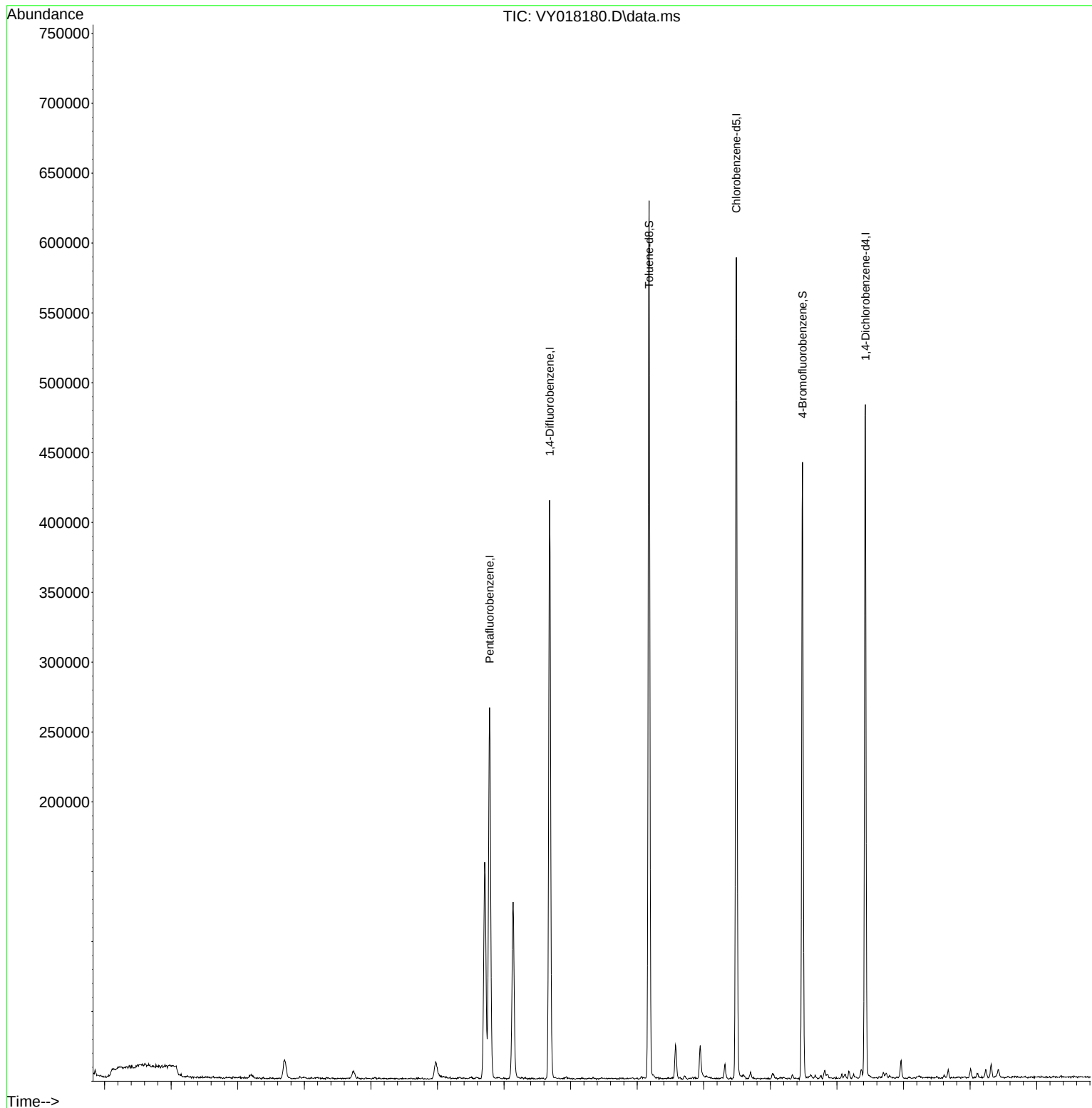
Target Compounds Qvalue

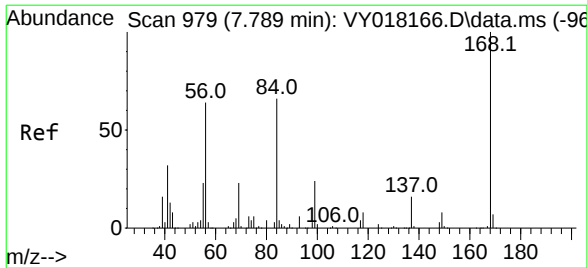
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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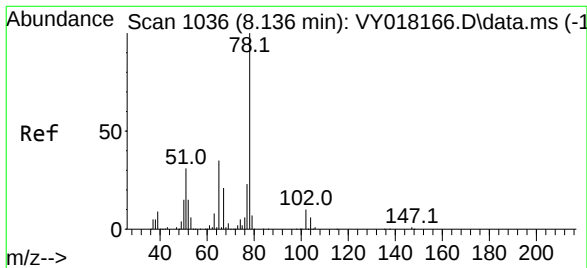
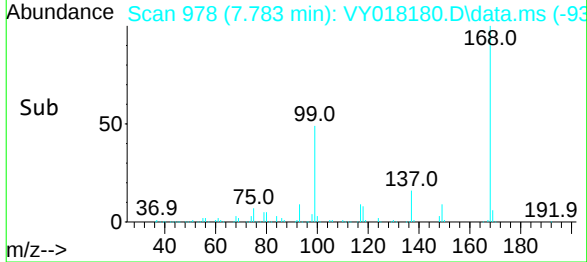
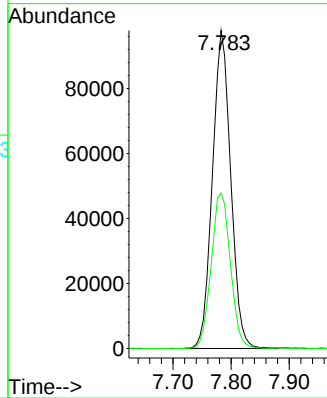
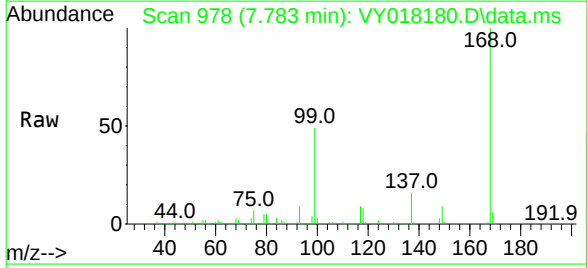




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 97
Delta R.T. -0.006 min
Lab File: VY018180.D
Acq: 08 May 2024 10:54

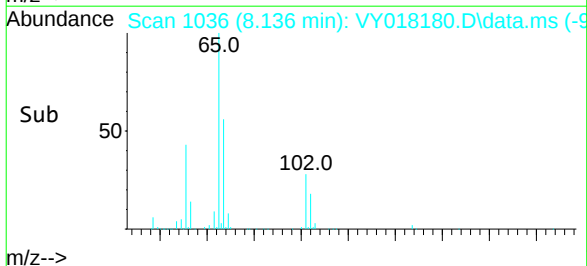
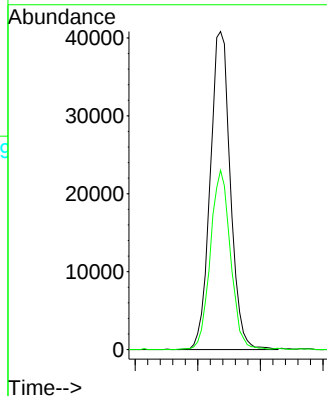
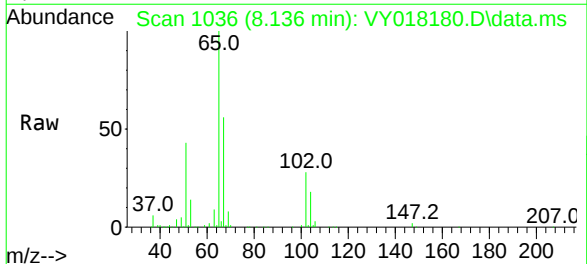
Instrument :
MSVOA_Y
ClientSampleId :
VY0508SBL01

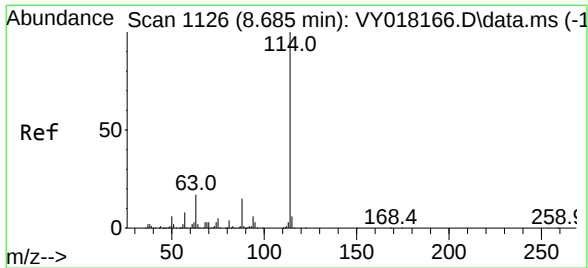
Tgt Ion:168 Resp: 214134
Ion Ratio Lower Upper
168 100
99 48.8 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 58.089 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY018180.D
Acq: 08 May 2024 10:54

Tgt Ion: 65 Resp: 91508
Ion Ratio Lower Upper
65 100
67 56.1 0.0 109.6

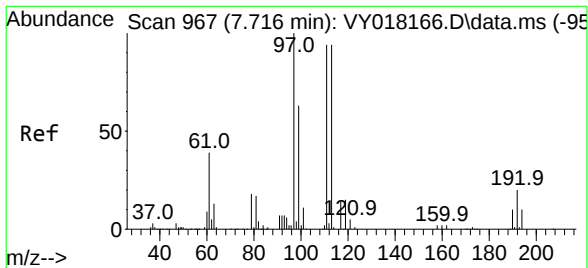
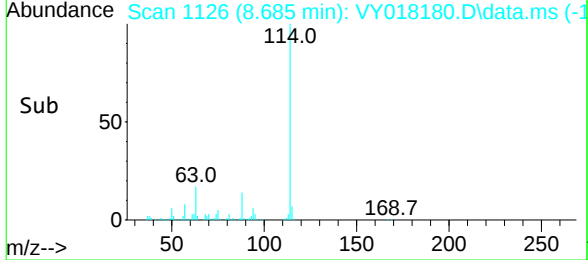
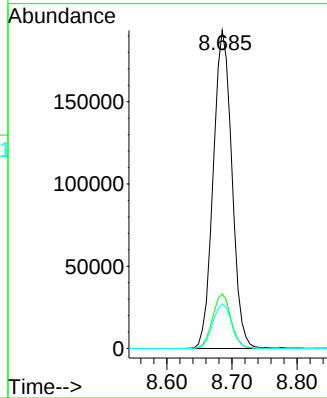
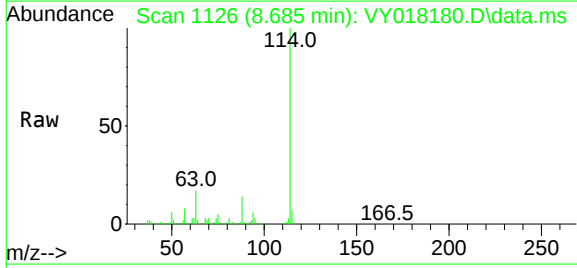




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018180.D
Acq: 08 May 2024 10:54

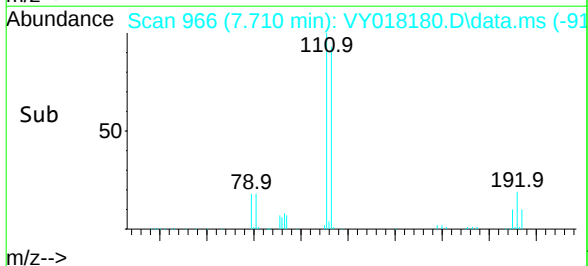
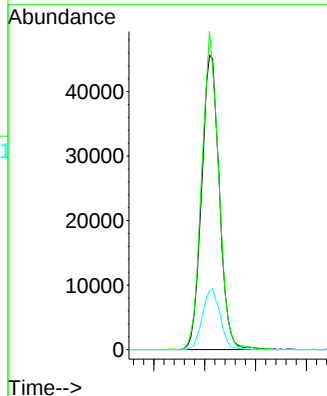
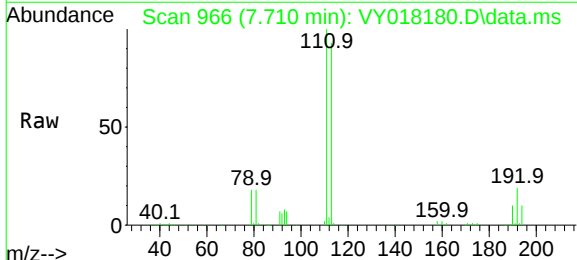
Instrument :
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ClientSampleId :
VY0508SBL01

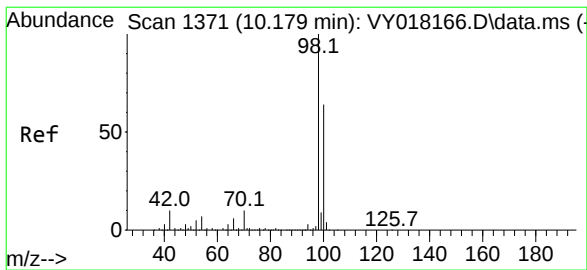
Tgt Ion:	114	Resp:	384952
Ion Ratio	Lower	Upper	
114	100		
63	17.2	0.0	35.0
88	14.0	0.0	27.2



#35
Dibromofluoromethane
Concen: 54.627 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY018180.D
Acq: 08 May 2024 10:54

Tgt Ion:	113	Resp:	110516
Ion Ratio	Lower	Upper	
113	100		
111	103.2	82.2	123.4
192	20.5	15.9	23.9





#50

Toluene-d8

Concen: 53.675 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY018180.D

Acq: 08 May 2024 10:54

Instrument :

MSVOA_Y

ClientSampleId :

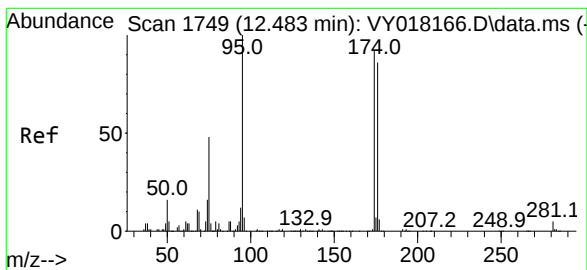
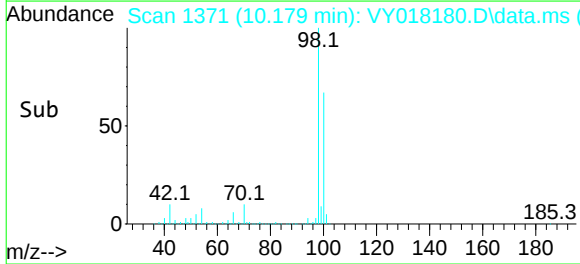
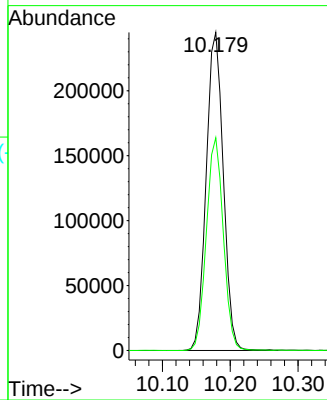
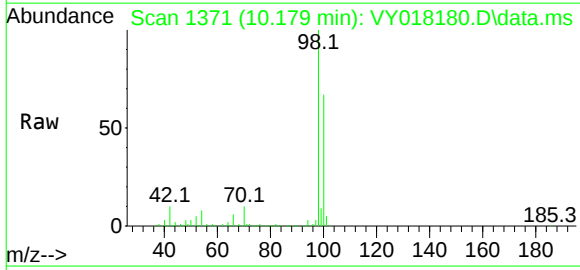
VY0508SBL01

Tgt Ion: 98 Resp: 427916

Ion Ratio Lower Upper

98 100

100 66.4 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 50.360 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VY018180.D

Acq: 08 May 2024 10:54

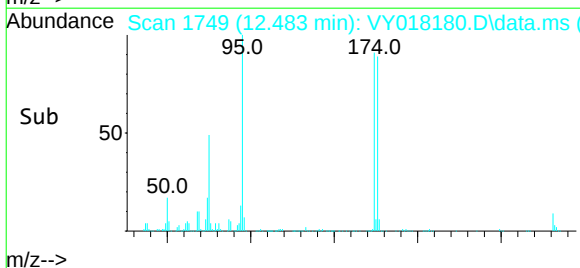
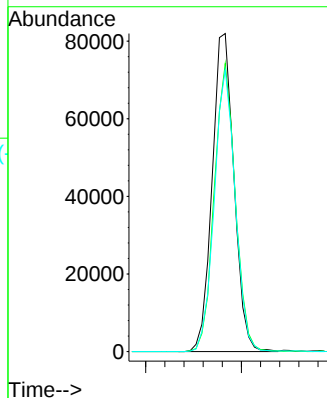
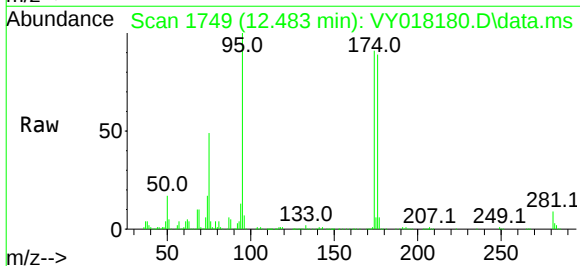
Tgt Ion: 95 Resp: 129655

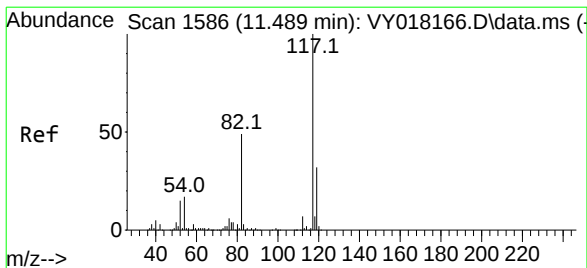
Ion Ratio Lower Upper

95 100

174 87.2 0.0 175.6

176 85.2 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 15

Delta R.T. -0.000 min

Lab File: VY018180.D

Acq: 08 May 2024 10:54

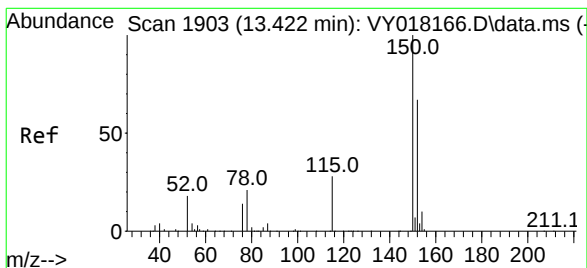
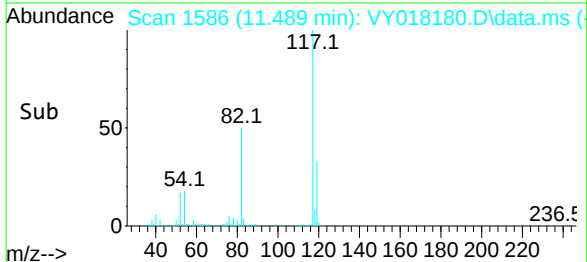
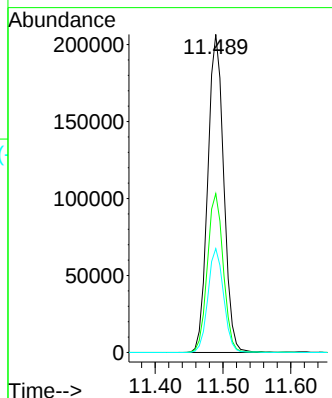
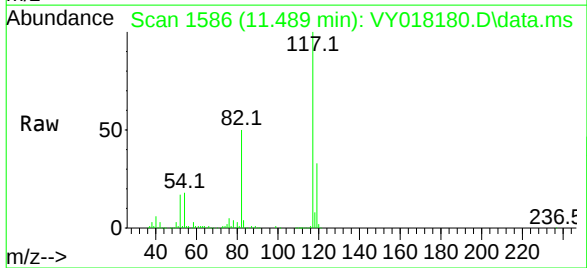
Instrument :

MSVOA_Y

ClientSampleId :

VY0508SBL01

Tgt Ion:	117	Resp:	337631
Ion	Ratio	Lower	Upper
117	100		
82	49.9	42.4	63.6
119	32.7	25.9	38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY018180.D

Acq: 08 May 2024 10:54

Tgt Ion:	152	Resp:	131241
Ion	Ratio	Lower	Upper
152	100		
115	56.8	28.2	84.7
150	158.3	0.0	345.6

