

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050324\
 Data File : VY018132.D
 Acq On : 03 May 2024 10:28
 Operator : SY/MD
 Sample : VY0503SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0503SBL01

Quant Time: May 06 02:53:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050124S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 16:21:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	262059	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	461643	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	405173	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	163350	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	107333	51.961	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.920%
35) Dibromofluoromethane	7.716	113	133618	50.366	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.740%
50) Toluene-d8	10.179	98	509490	49.194	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.380%
62) 4-Bromofluorobenzene	12.483	95	158460	44.459	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	88.920%

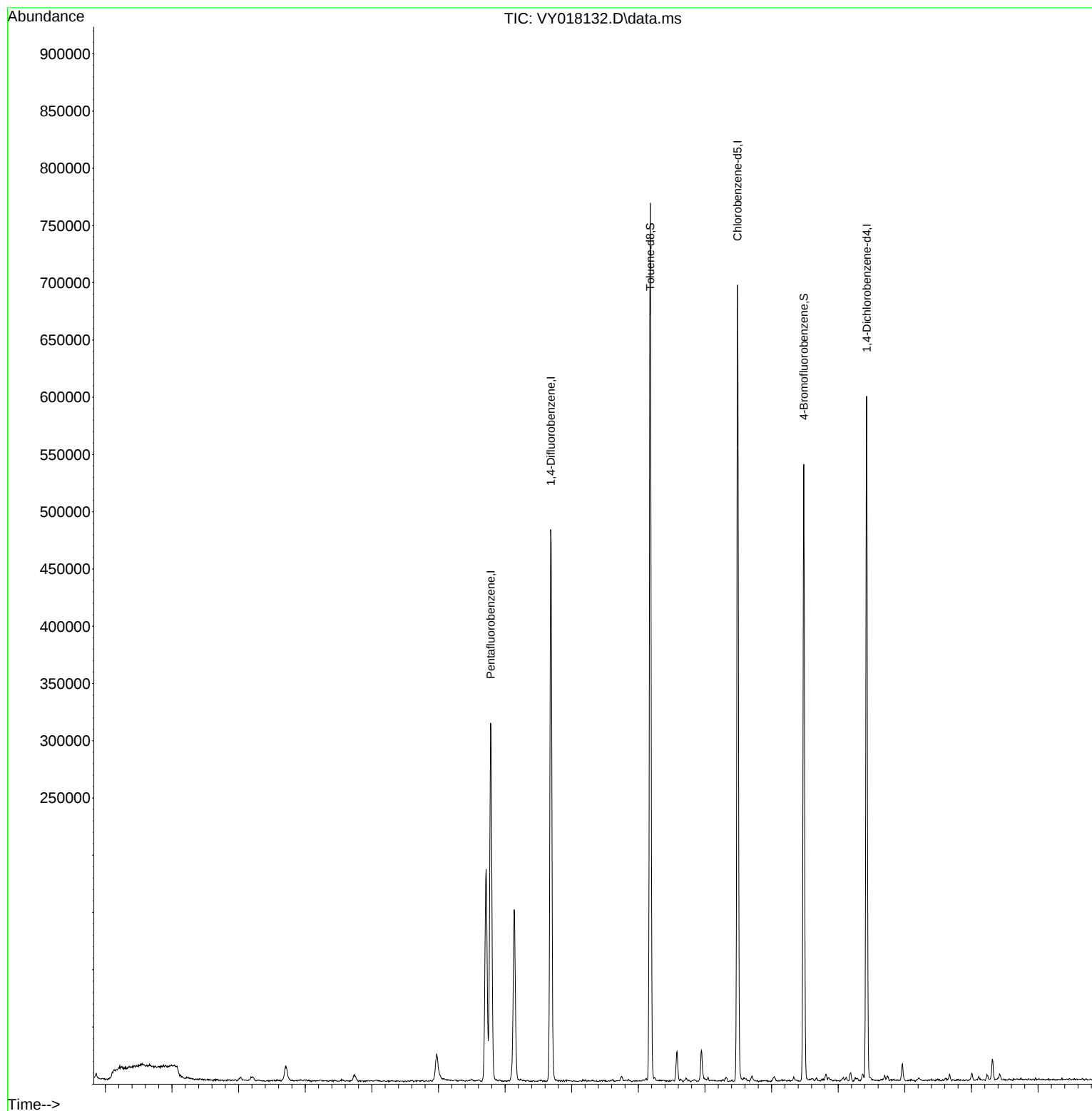
Target Compounds Qvalue

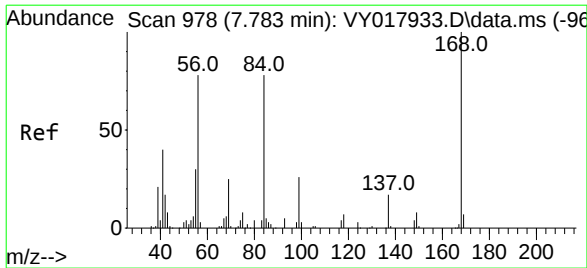
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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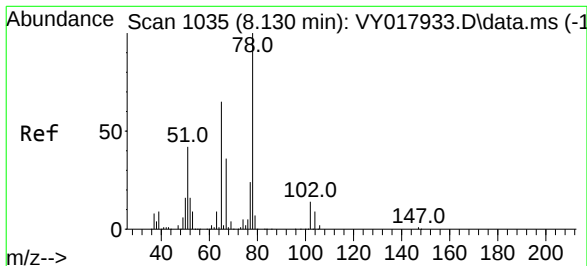
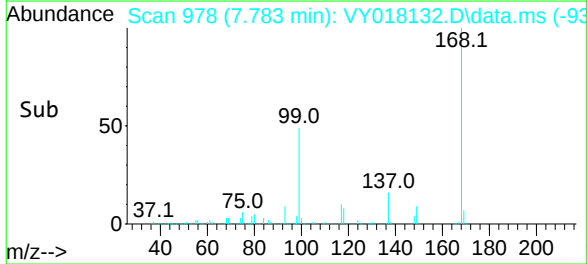
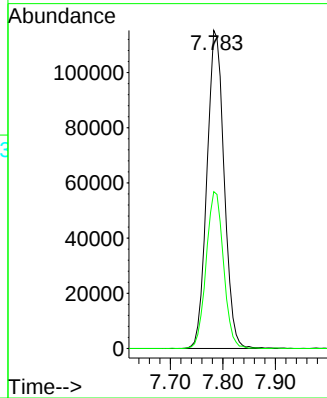
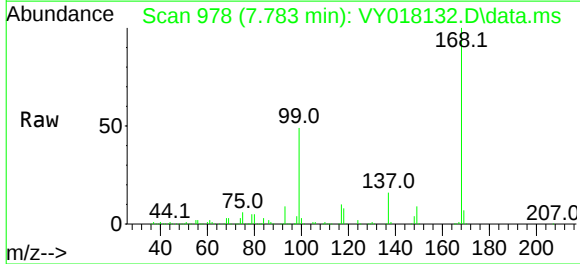




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 97
Delta R.T. -0.006 min
Lab File: VY018132.D
Acq: 03 May 2024 10:28

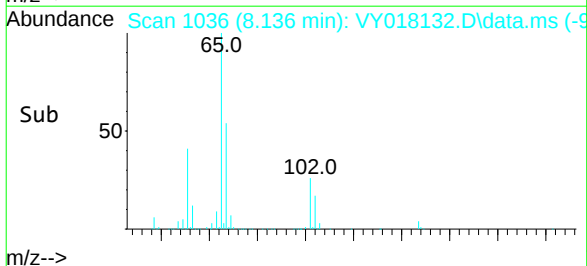
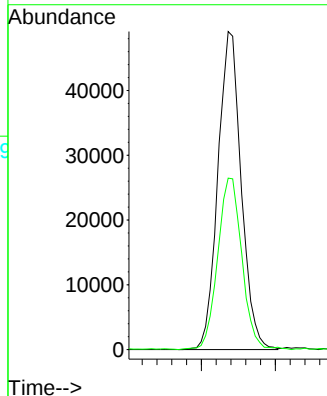
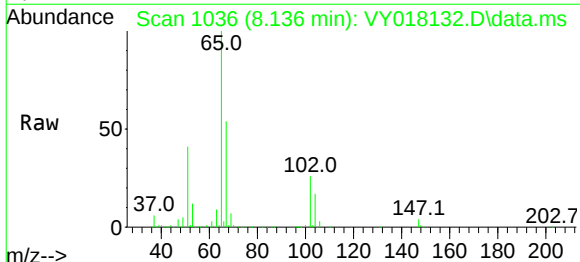
Instrument :
MSVOA_Y
ClientSampleId :
VY0503SBL01

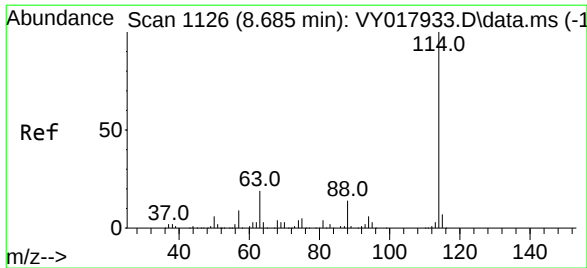
Tgt Ion:168 Resp: 262059
Ion Ratio Lower Upper
168 100
99 49.3 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 51.961 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY018132.D
Acq: 03 May 2024 10:28

Tgt Ion: 65 Resp: 107333
Ion Ratio Lower Upper
65 100
67 56.0 0.0 109.6

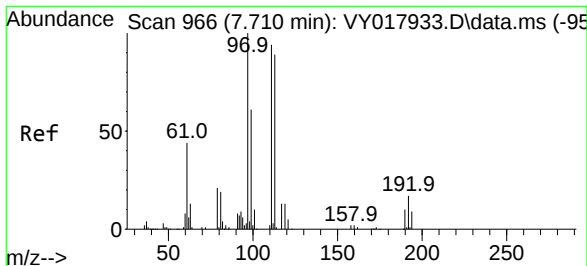
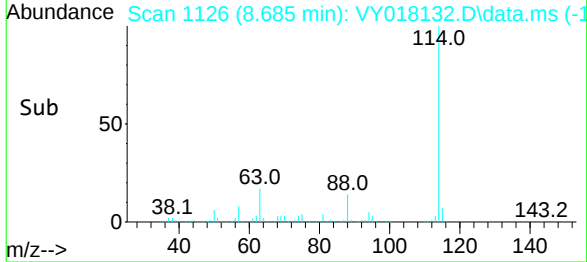
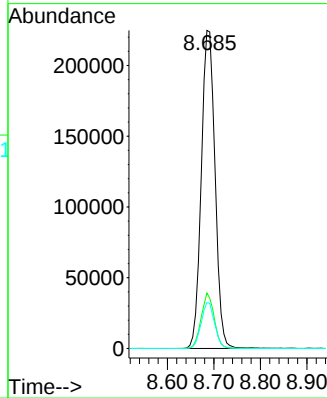
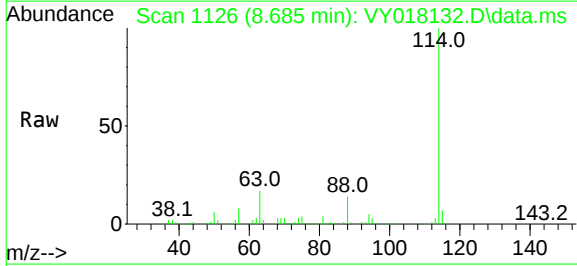




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY018132.D
Acq: 03 May 2024 10:28

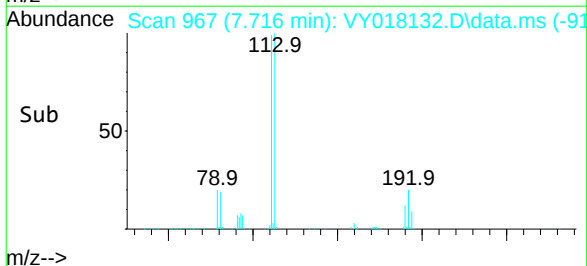
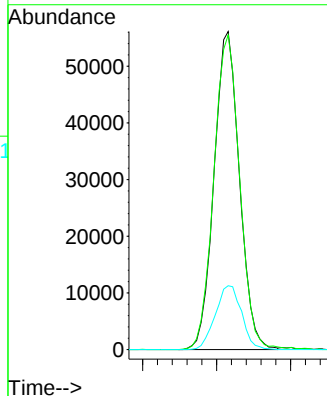
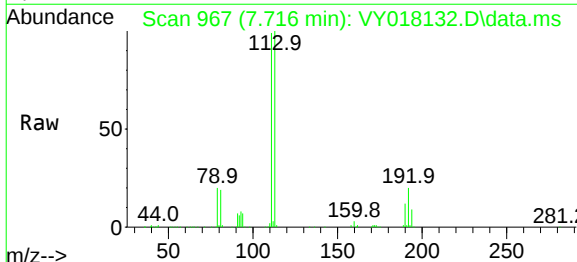
Instrument :
MSVOA_Y
ClientSampleId :
VY0503SBL01

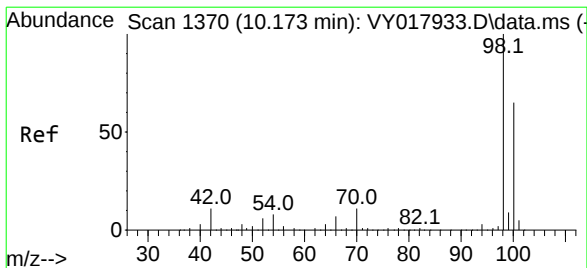
Tgt Ion:	114	Resp:	461643
Ion	Ratio	Lower	Upper
114	100		
63	17.5	0.0	35.0
88	14.4	0.0	27.2



#35
Dibromofluoromethane
Concen: 50.366 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY018132.D
Acq: 03 May 2024 10:28

Tgt Ion:	113	Resp:	133618
Ion	Ratio	Lower	Upper
113	100		
111	101.0	82.2	123.4
192	20.8	15.9	23.9





#50

Toluene-d8

Concen: 49.194 ug/l

RT: 10.179 min Scan# 13

Delta R.T. -0.000 min

Lab File: VY018132.D

Acq: 03 May 2024 10:28

Instrument :

MSVOA_Y

ClientSampleId :

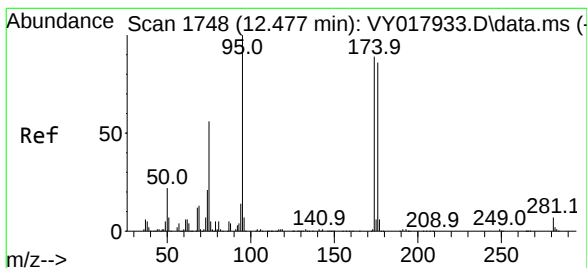
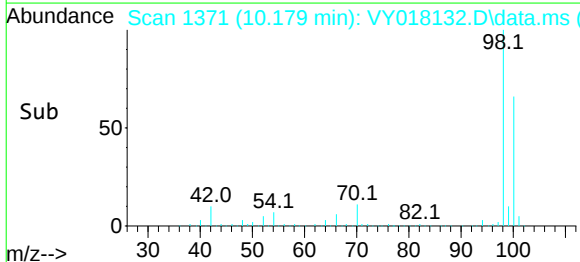
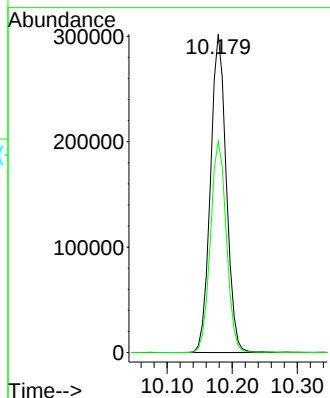
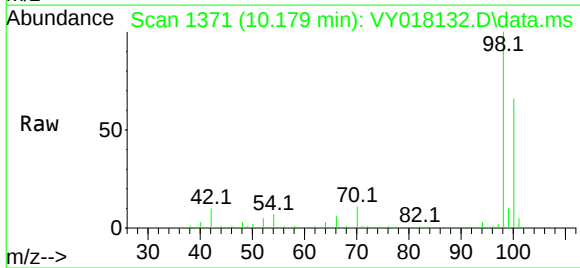
VY0503SBL01

Tgt Ion: 98 Resp: 509490

Ion Ratio Lower Upper

98 100

100 66.9 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 44.459 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY018132.D

Acq: 03 May 2024 10:28

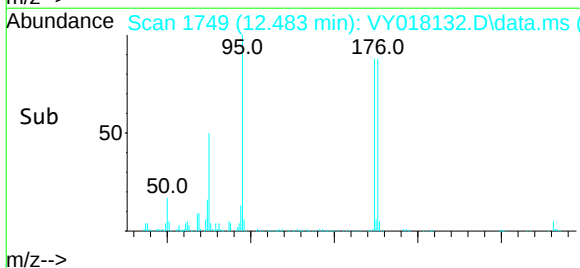
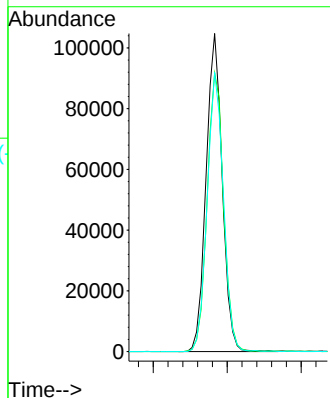
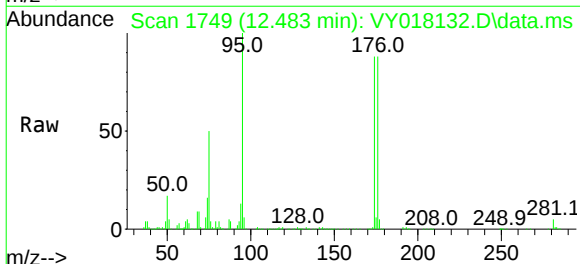
Tgt Ion: 95 Resp: 158460

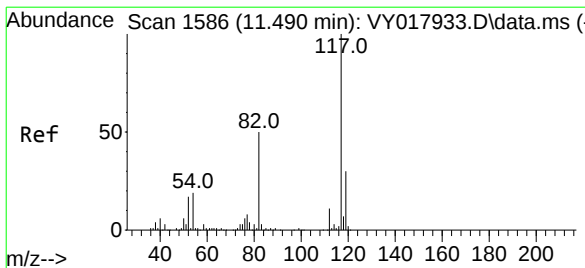
Ion Ratio Lower Upper

95 100

174 89.2 0.0 175.6

176 88.3 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: VY018132.D

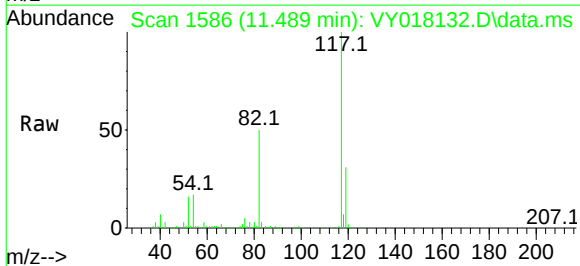
Acq: 03 May 2024 10:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0503SBL01



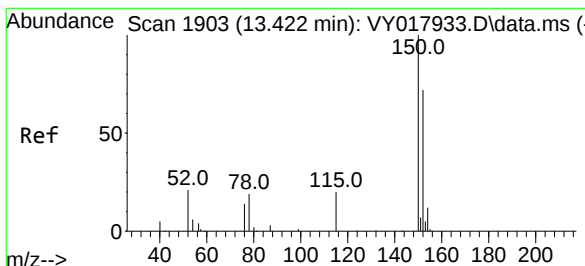
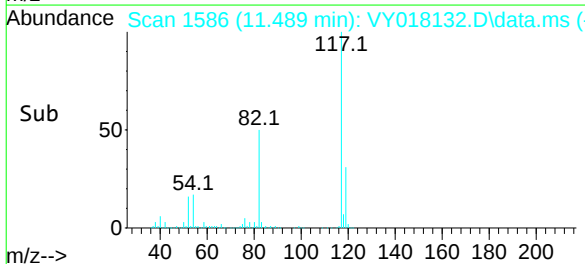
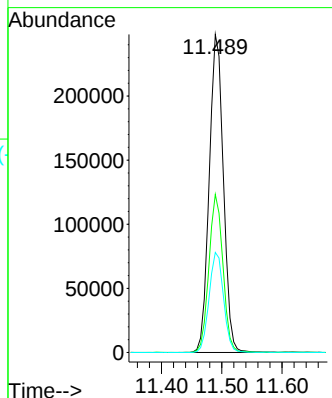
Tgt Ion:117 Resp: 405173

Ion	Ratio	Lower	Upper
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117	100		
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82	49.7	42.4	63.6
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119	31.4	25.9	38.9
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY018132.D

Acq: 03 May 2024 10:28

Tgt Ion:152 Resp: 163350

Ion	Ratio	Lower	Upper
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152	100		
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115	55.5	28.2	84.7
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150	155.9	0.0	345.6
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