

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050824\
 Data File : VY018196.D
 Acq On : 08 May 2024 18:24
 Operator : SY/MD
 Sample : P2412-02
 Misc : 5.66g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SS-1-GRAB

Quant Time: May 09 02:30:00 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)

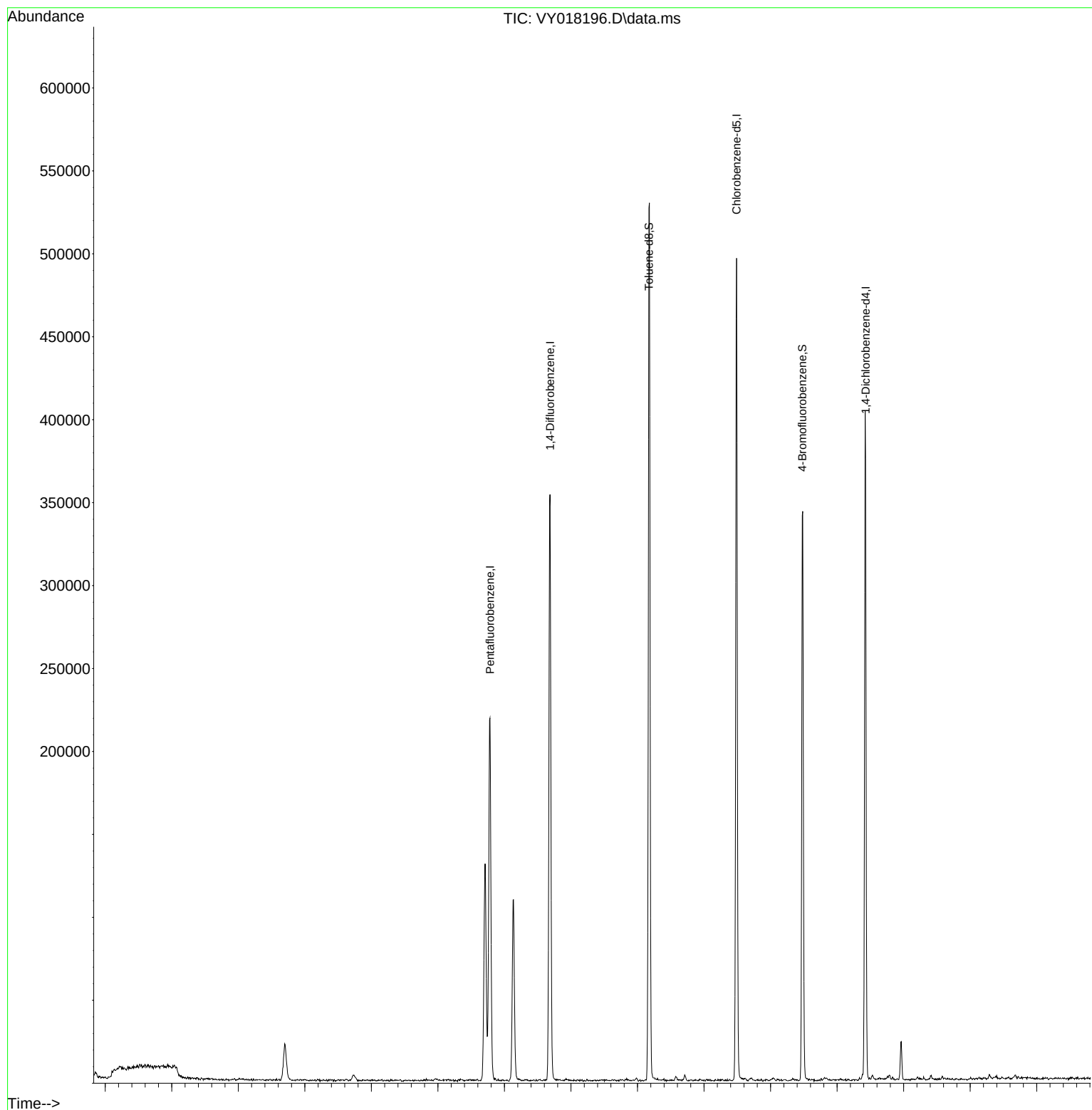
Internal Standards						
1) Pentafluorobenzene	7.782	168	174625	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	330603	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	283336	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	103861	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	78823	61.357	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.720%
35) Dibromofluoromethane	7.709	113	94563	54.426	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.860%
50) Toluene-d8	10.172	98	366809	53.574	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	107.140%
62) 4-Bromofluorobenzene	12.477	95	109394	49.475	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.960%
Target Compounds						
20) Methylene Chloride	4.698	84	18079	9.977	ug/l	Qvalue 97

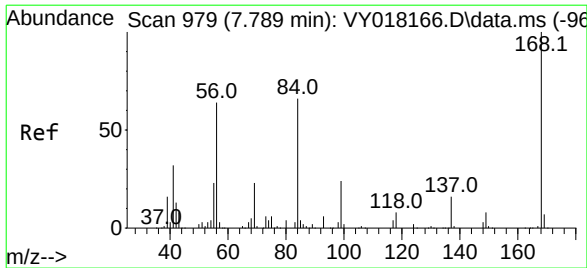
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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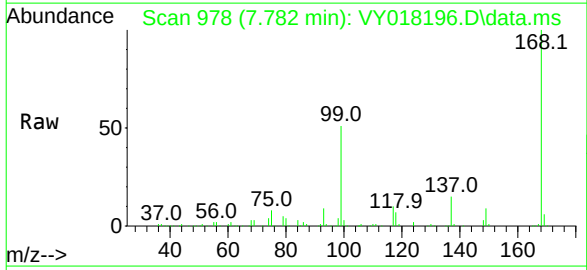
Quant Time: May 09 02:30:00 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
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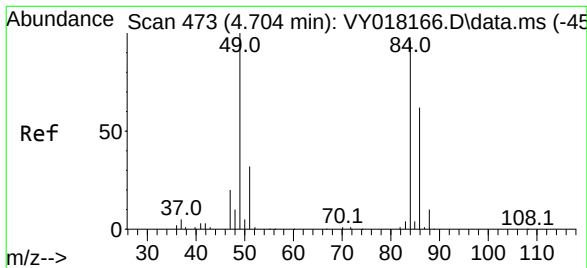
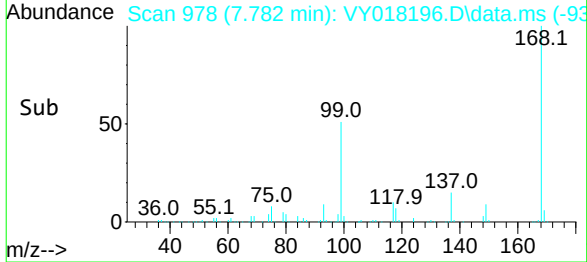
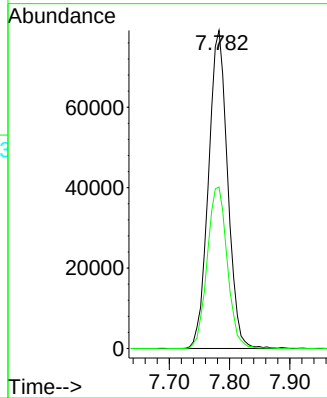


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.782 min Scan# 97
Delta R.T. -0.007 min
Lab File: VY018196.D
Acq: 08 May 2024 18:24

Instrument :
MSVOA_Y
ClientSampleId :
SS-1-GRAB

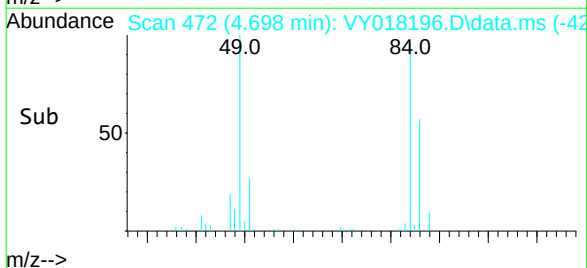
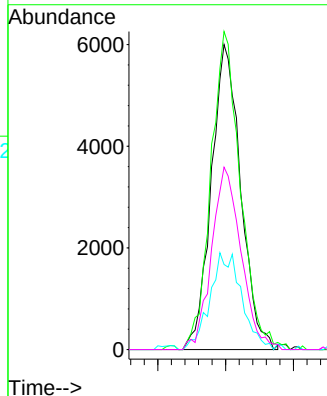
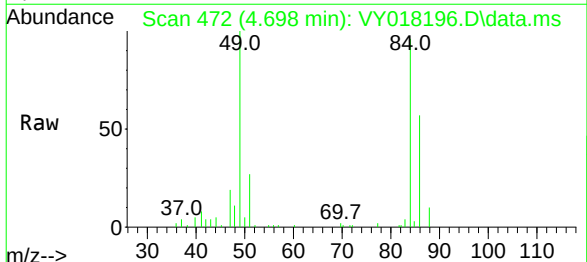


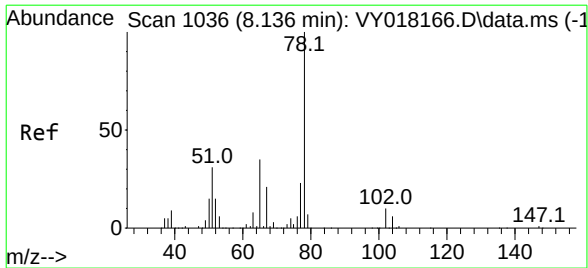
Tgt Ion:168 Resp: 174625
Ion Ratio Lower Upper
168 100
99 50.8 39.1 58.7



#20
Methylene Chloride
Concen: 9.977 ug/l
RT: 4.698 min Scan# 472
Delta R.T. -0.006 min
Lab File: VY018196.D
Acq: 08 May 2024 18:24

Tgt Ion: 84 Resp: 18079
Ion Ratio Lower Upper
84 100
49 104.3 84.4 126.6
51 27.9 26.0 39.0
86 59.8 49.5 74.3

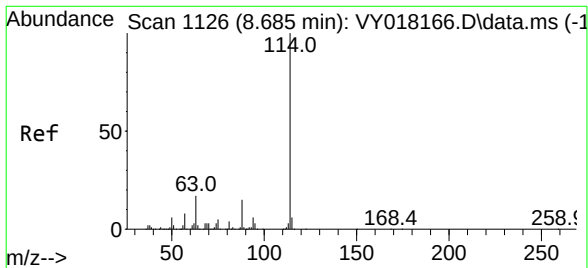
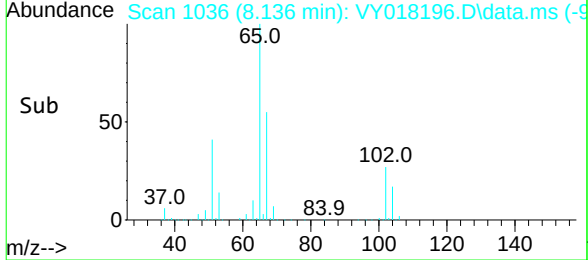
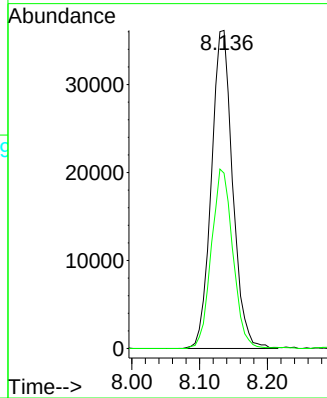
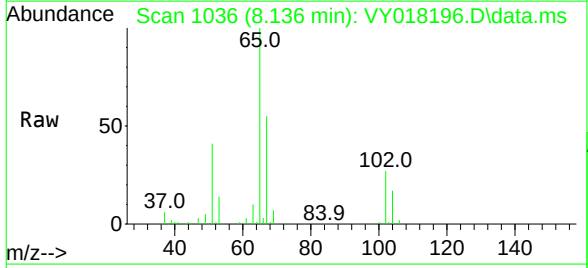




#33
1,2-Dichloroethane-d4
Concen: 61.357 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY018196.D
Acq: 08 May 2024 18:24

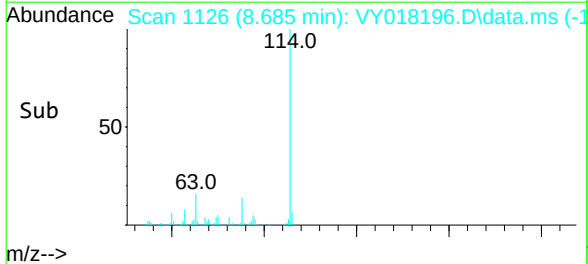
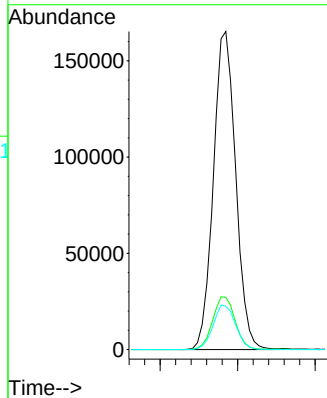
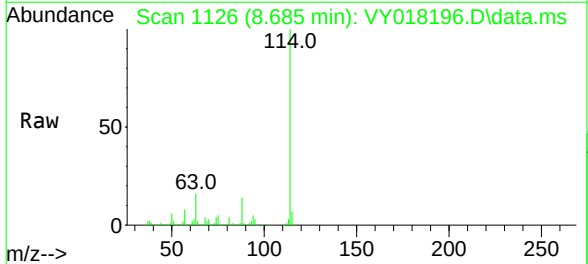
Instrument :
MSVOA_Y
ClientSampleId :
SS-1-GRAB

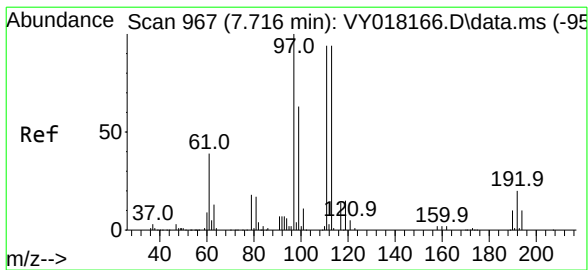
Tgt Ion: 65 Resp: 78823
Ion Ratio Lower Upper
65 100
67 56.9 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY018196.D
Acq: 08 May 2024 18:24

Tgt Ion: 114 Resp: 330603
Ion Ratio Lower Upper
114 100
63 16.4 0.0 35.0
88 13.6 0.0 27.2





#35

Dibromofluoromethane

Concen: 54.426 ug/l

RT: 7.709 min Scan# 96

Delta R.T. -0.006 min

Lab File: VY018196.D

Acq: 08 May 2024 18:24

Instrument :

MSVOA_Y

ClientSampleId :

SS-1-GRAB

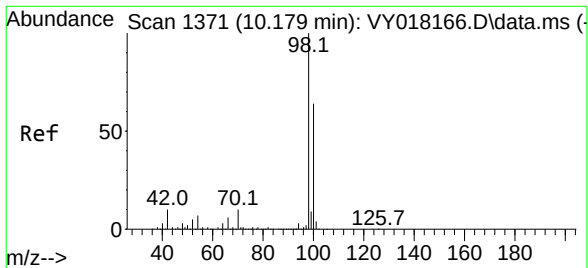
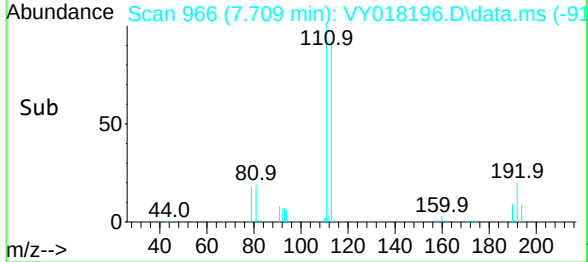
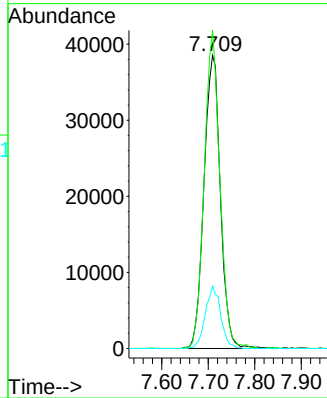
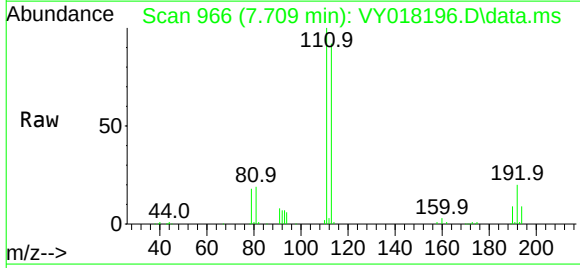
Tgt Ion:113 Resp: 94563

Ion Ratio Lower Upper

113 100

111 103.2 82.2 123.4

192 19.8 15.9 23.9



#50

Toluene-d8

Concen: 53.574 ug/l

RT: 10.172 min Scan# 1370

Delta R.T. -0.006 min

Lab File: VY018196.D

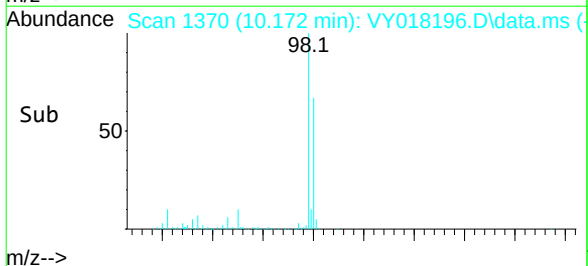
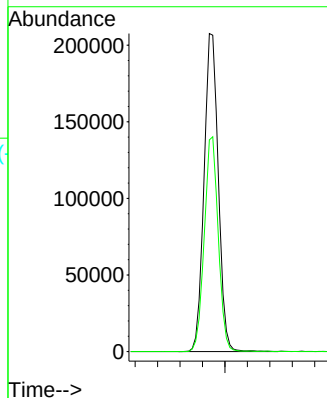
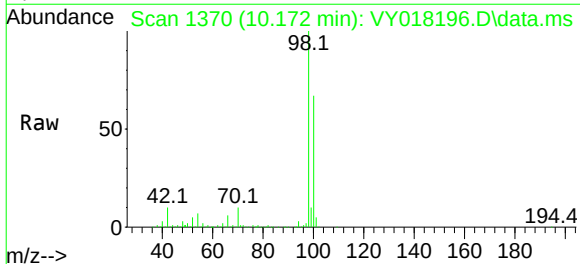
Acq: 08 May 2024 18:24

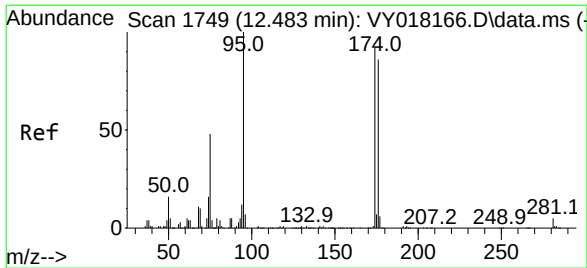
Tgt Ion: 98 Resp: 366809

Ion Ratio Lower Upper

98 100

100 66.1 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 49.475 ug/l

RT: 12.477 min Scan# 1749

Delta R.T. -0.006 min

Lab File: VY018196.D

Acq: 08 May 2024 18:24

Instrument :

MSVOA_Y

ClientSampleId :

SS-1-GRAB

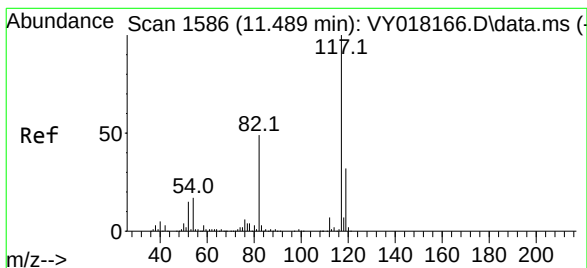
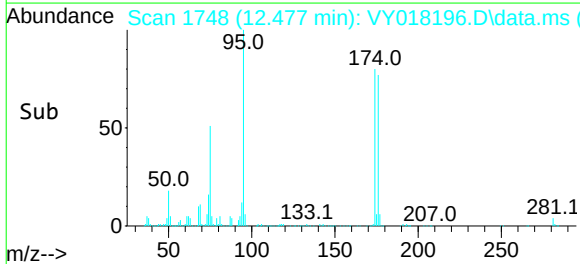
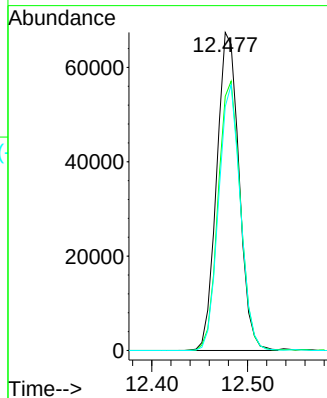
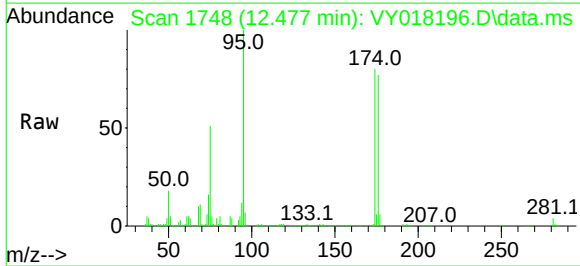
Tgt Ion: 95 Resp: 109394

Ion Ratio Lower Upper

95 100

174 84.4 0.0 175.6

176 81.3 0.0 171.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1586

Delta R.T. -0.000 min

Lab File: VY018196.D

Acq: 08 May 2024 18:24

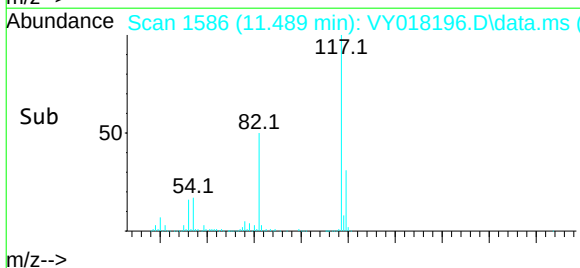
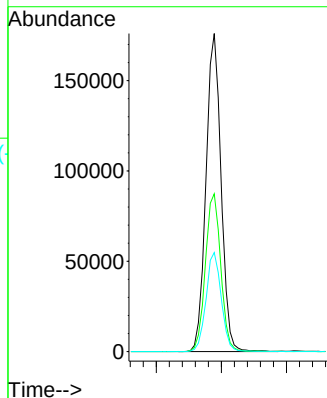
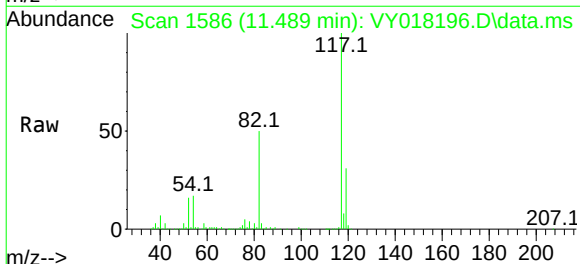
Tgt Ion: 117 Resp: 283336

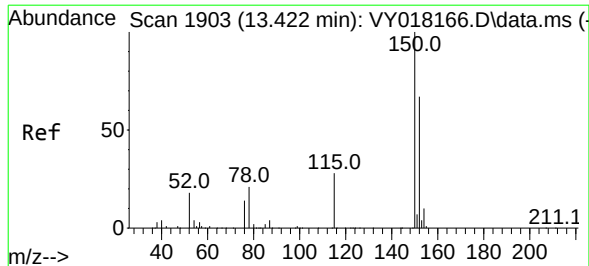
Ion Ratio Lower Upper

117 100

82 49.6 42.4 63.6

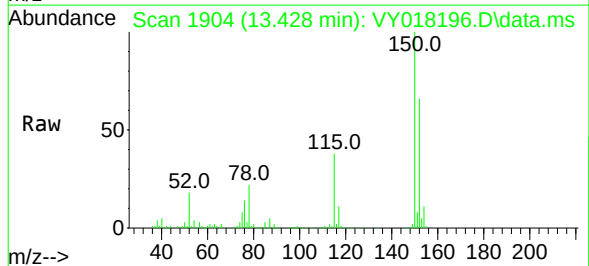
119 31.1 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 19
 Delta R.T. 0.006 min
 Lab File: VY018196.D
 Acq: 08 May 2024 18:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 SS-1-GRAB



Tgt Ion:	152	Resp:	103861
Ion	Ratio	Lower	Upper
152	100		
115	59.2	28.2	84.7
150	157.2	0.0	345.6

