

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050824\
 Data File : VY018189.D
 Acq On : 08 May 2024 15:34
 Operator : SY/MD
 Sample : P2413-07
 Misc : 5.68g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-EE-VOC

Quant Time: May 09 02:27:13 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)

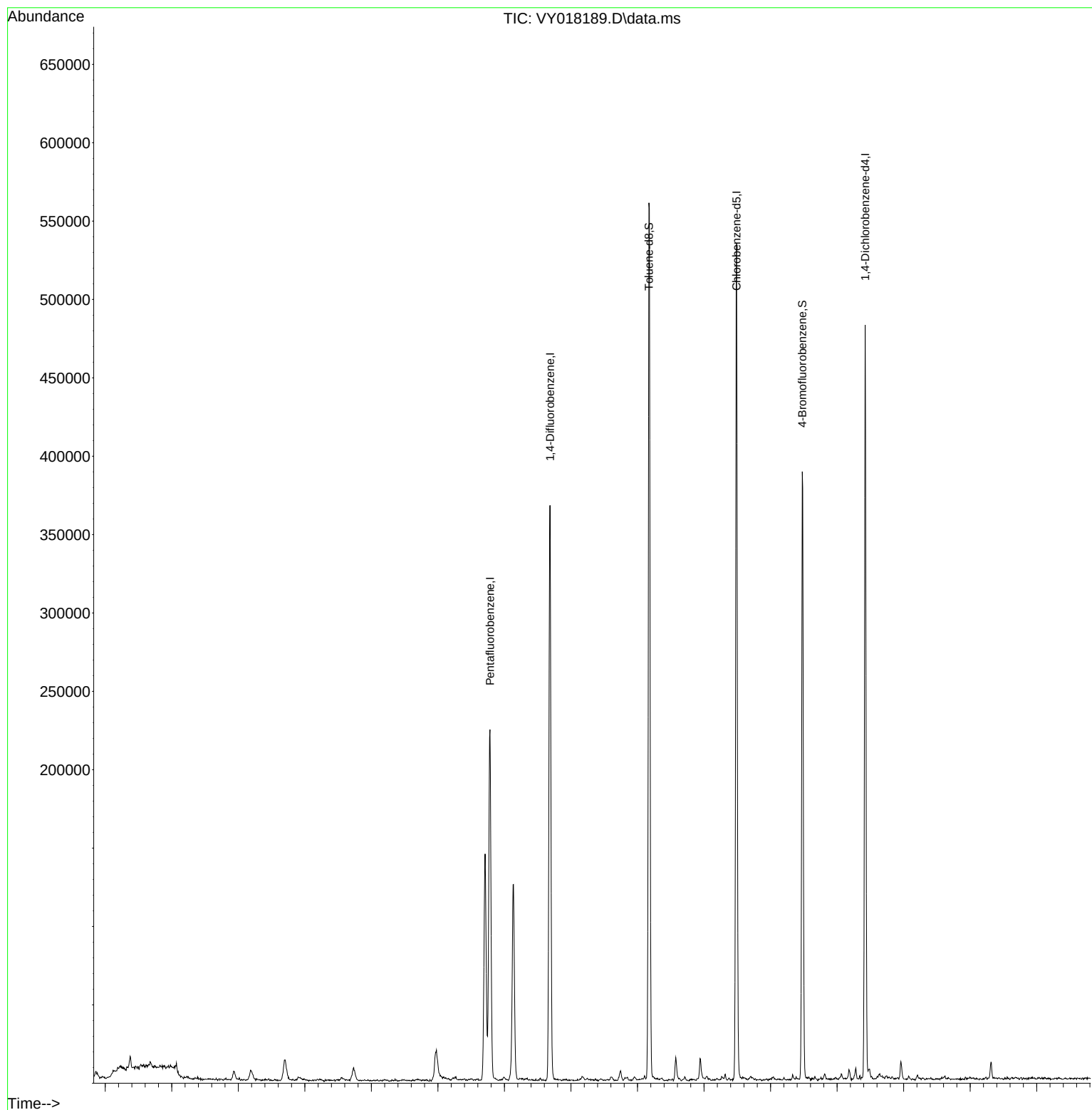
Internal Standards						
1) Pentafluorobenzene	7.783	168	181820	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	341754	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	305648	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	123560	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	90581	67.719	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	135.440%
35) Dibromofluoromethane	7.710	113	101260	56.378	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.760%
50) Toluene-d8	10.173	98	381828	53.948	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	107.900%
62) 4-Bromofluorobenzene	12.477	95	121146	53.002	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	106.000%
Target Compounds						
16) Acetone	3.942	43	8313	31.143	ug/l	Qvalue # 81

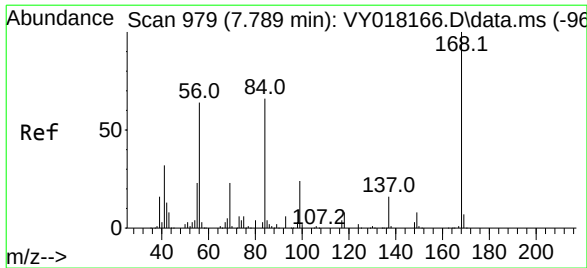
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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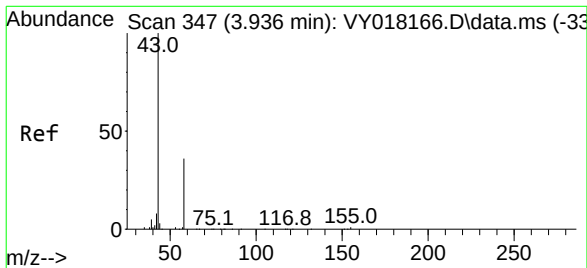
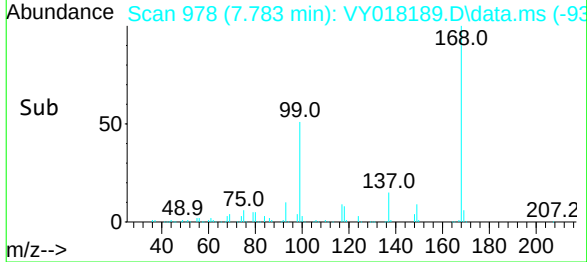
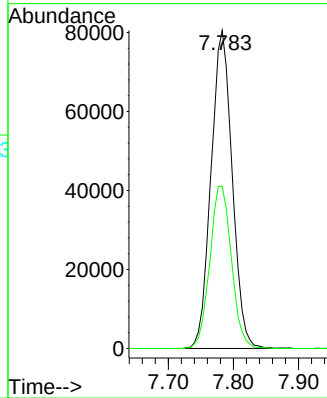
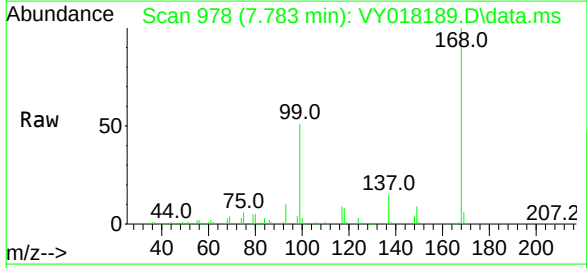




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 97
Delta R.T. -0.006 min
Lab File: VY018189.D
Acq: 08 May 2024 15:34

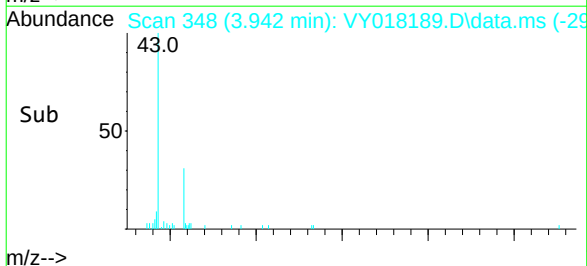
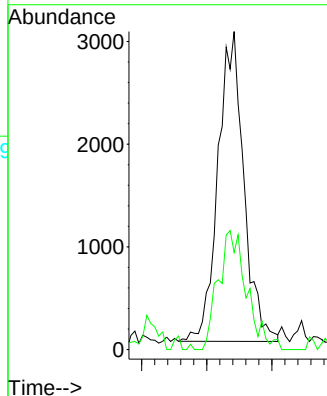
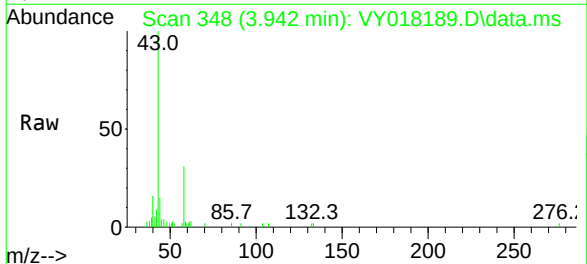
Instrument :
MSVOA_Y
ClientSampleId :
WC-EE-VOC

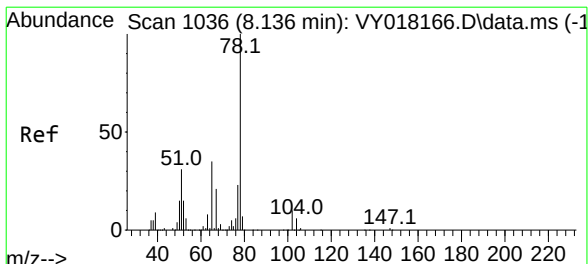
Tgt Ion:168 Resp: 181820
Ion Ratio Lower Upper
168 100
99 51.0 39.1 58.7



#16
Acetone
Concen: 31.143 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY018189.D
Acq: 08 May 2024 15:34

Tgt Ion: 43 Resp: 8313
Ion Ratio Lower Upper
43 100
58 28.1 31.7 47.5#

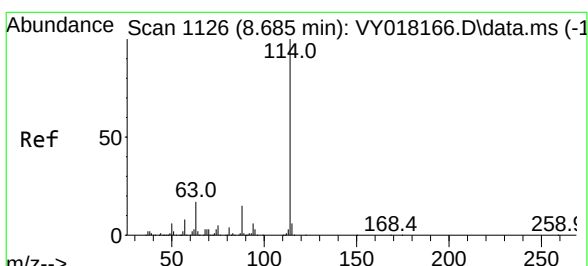
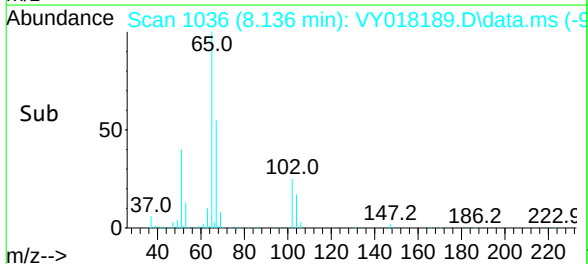
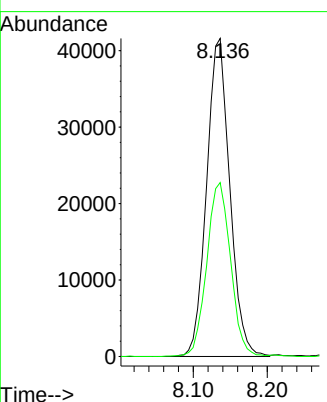
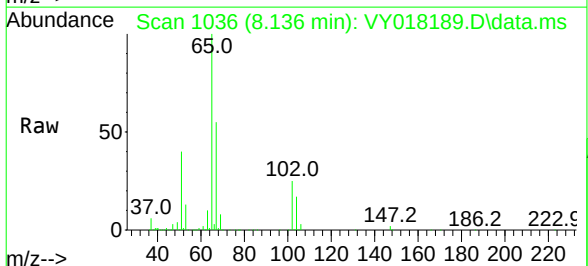




#33
 1,2-Dichloroethane-d4
 Concen: 67.719 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. -0.000 min
 Lab File: VY018189.D
 Acq: 08 May 2024 15:34

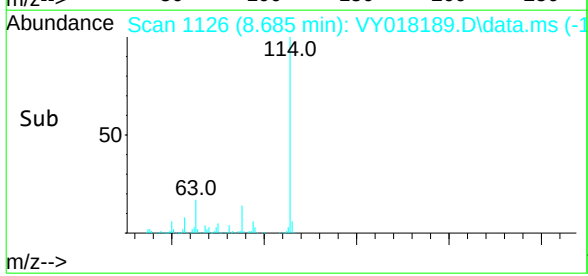
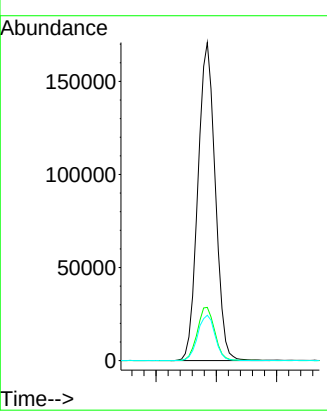
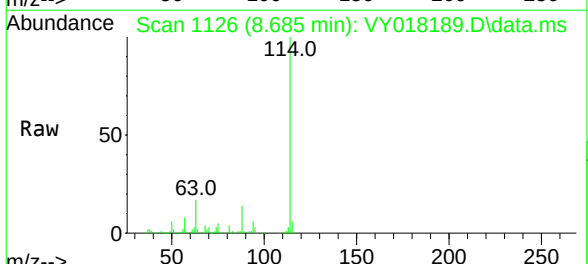
Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-EE-VOC

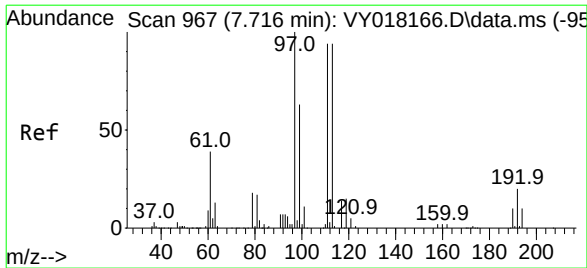
Tgt Ion:	65	Resp:	90581
Ion	Ratio	Lower	Upper
65	100		
67	56.2	0.0	109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VY018189.D
 Acq: 08 May 2024 15:34

Tgt Ion:	114	Resp:	341754
Ion	Ratio	Lower	Upper
114	100		
63	16.7	0.0	35.0
88	14.3	0.0	27.2





#35

Dibromofluoromethane

Concen: 56.378 ug/l

RT: 7.710 min Scan# 96

Delta R.T. -0.006 min

Lab File: VY018189.D

Acq: 08 May 2024 15:34

Instrument :

MSVOA_Y

ClientSampleId :

WC-EE-VOC

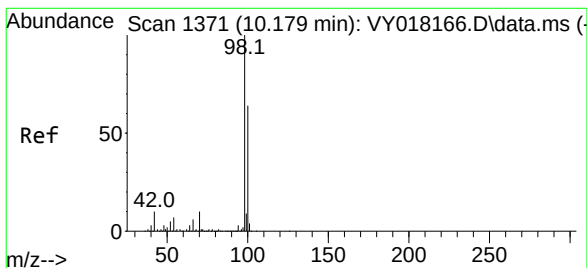
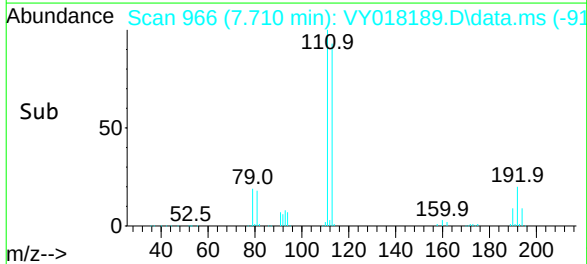
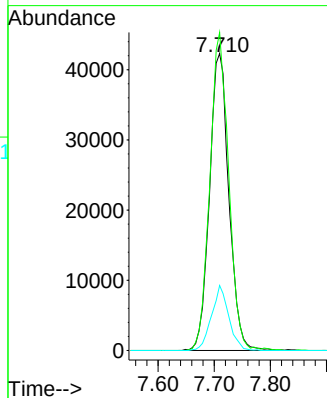
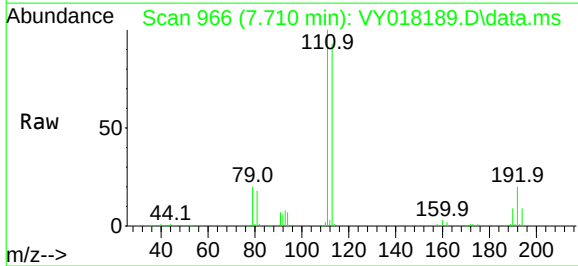
Tgt Ion:113 Resp: 101260

Ion Ratio Lower Upper

113 100

111 104.0 82.2 123.4

192 19.5 15.9 23.9



#50

Toluene-d8

Concen: 53.948 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. -0.006 min

Lab File: VY018189.D

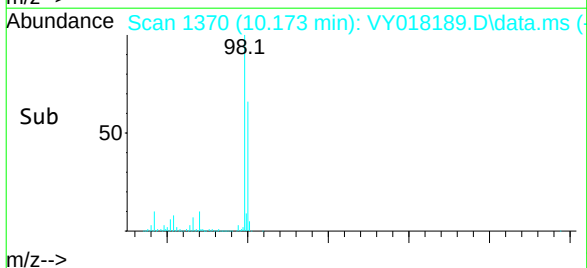
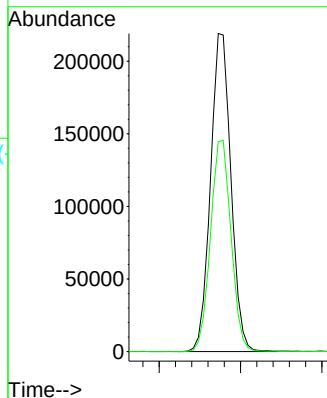
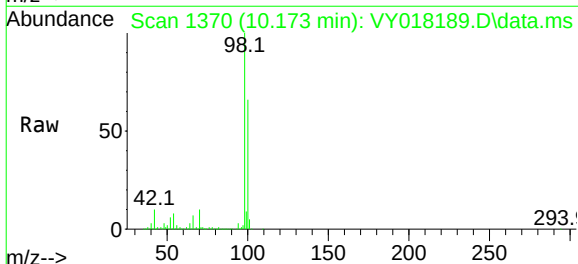
Acq: 08 May 2024 15:34

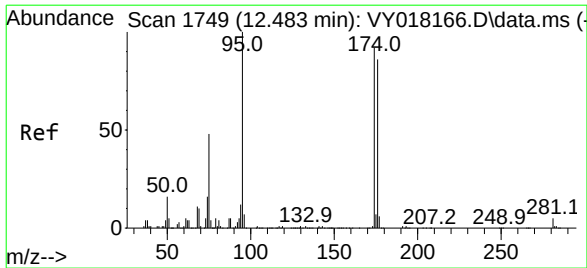
Tgt Ion: 98 Resp: 381828

Ion Ratio Lower Upper

98 100

100 67.0 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 53.002 ug/l

RT: 12.477 min Scan# 1749

Delta R.T. -0.006 min

Lab File: VY018189.D

Acq: 08 May 2024 15:34

Instrument :

MSVOA_Y

ClientSampleId :

WC-EE-VOC

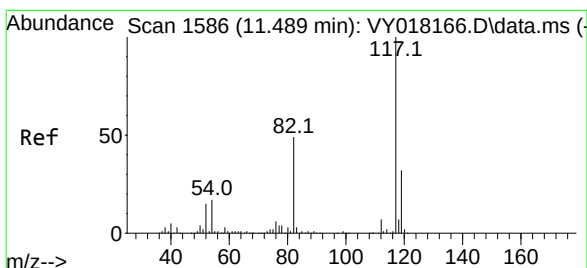
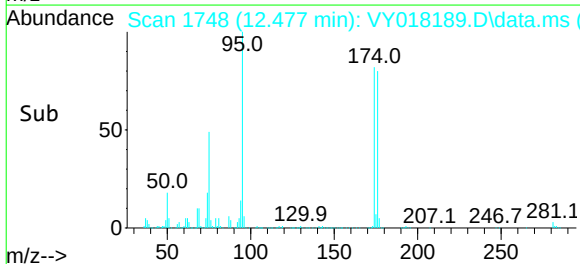
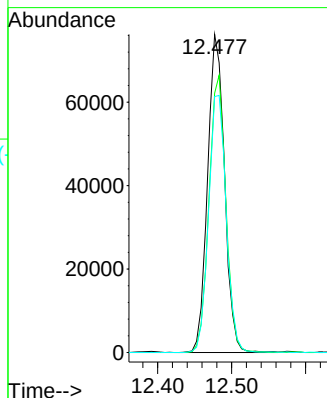
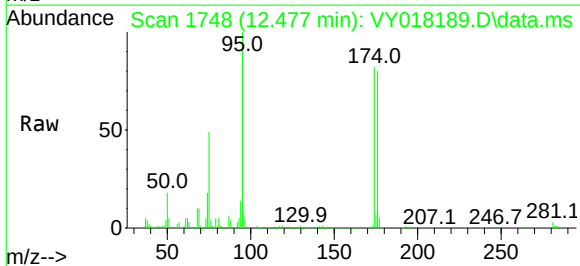
Tgt Ion: 95 Resp: 121146

Ion Ratio Lower Upper

95 100

174 86.8 0.0 175.6

176 84.2 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: VY018189.D

Acq: 08 May 2024 15:34

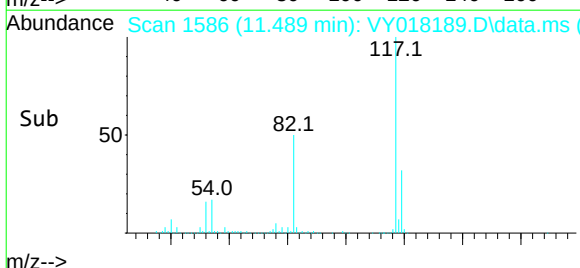
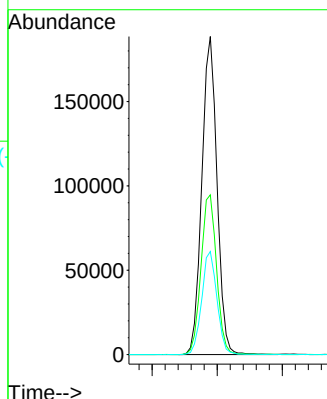
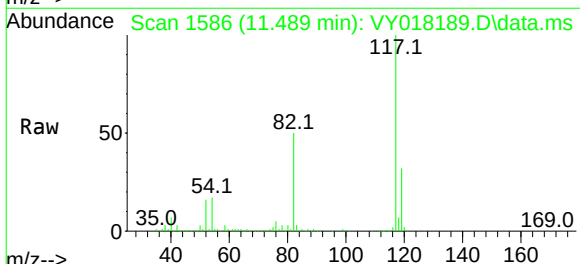
Tgt Ion: 117 Resp: 305648

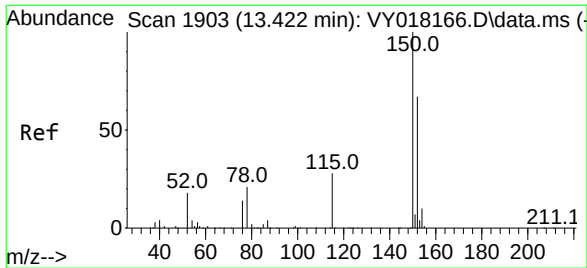
Ion Ratio Lower Upper

117 100

82 50.2 42.4 63.6

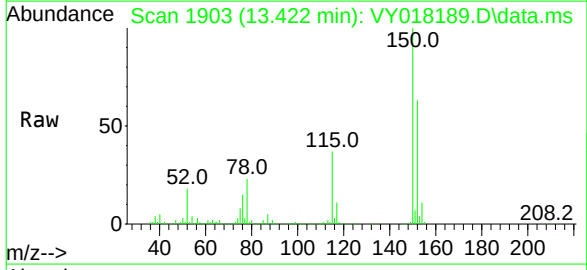
119 32.4 25.9 38.9





1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 19
 Delta R.T. -0.000 min
 Lab File: VY018189.D
 Acq: 08 May 2024 15:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-EE-VOC



Tgt Ion:	152	Resp:	123560
Ion Ratio	Lower	Upper	
152	100		
115	58.3	28.2	84.7
150	159.0	0.0	345.6

