

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051324\
 Data File : VY018244.D
 Acq On : 13 May 2024 16:12
 Operator : SY/MD
 Sample : P2466-01
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-03-051324

Quant Time: May 14 02:29:51 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)

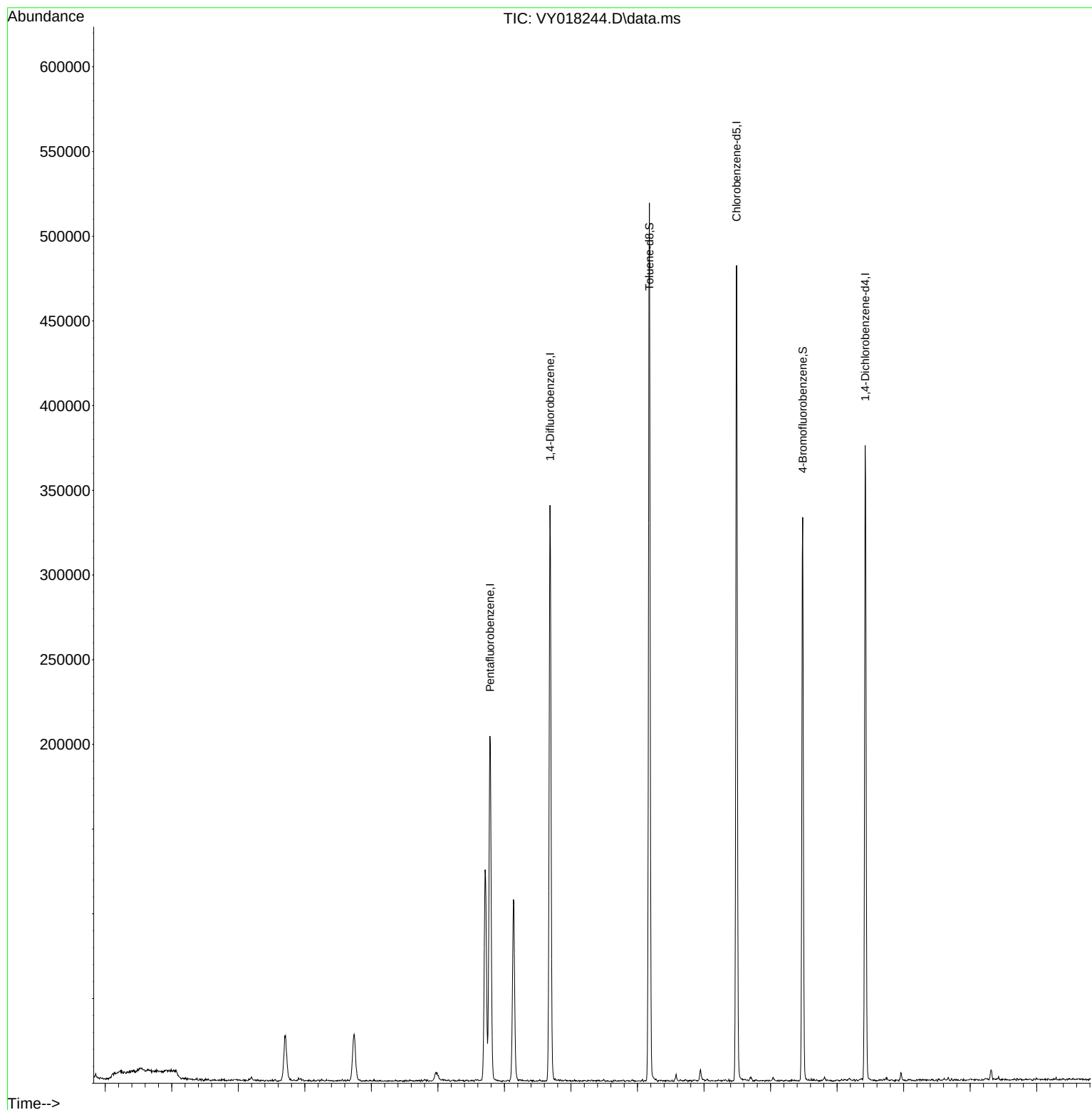
Internal Standards						
1) Pentafluorobenzene	7.783	168	165445	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	309461	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	272613	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	101504	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	78234	64.278	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	128.560%
35) Dibromofluoromethane	7.710	113	91434	56.220	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.440%
50) Toluene-d8	10.179	98	346814	54.115	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	108.220%
62) 4-Bromofluorobenzene	12.483	95	102848	49.692	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.380%
Target Compounds					Qvalue	
20) Methylene Chloride	4.710	84	21265	12.386	ug/l #	94

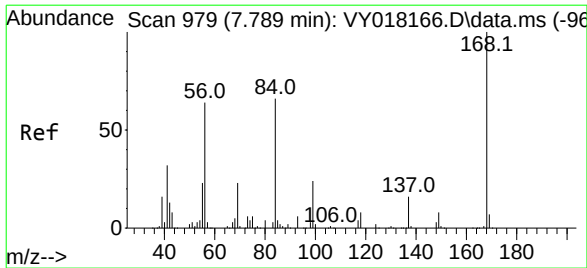
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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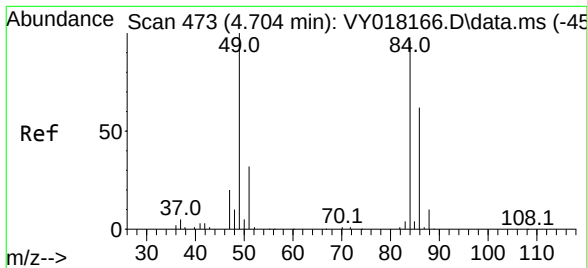
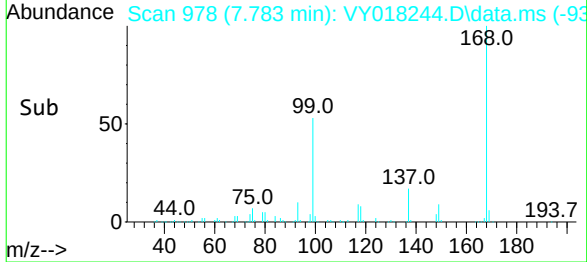
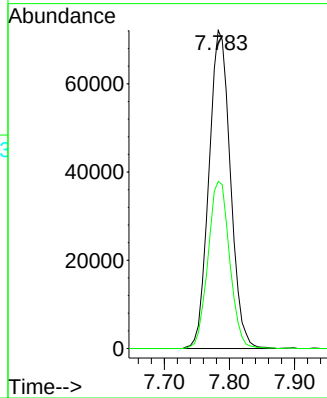
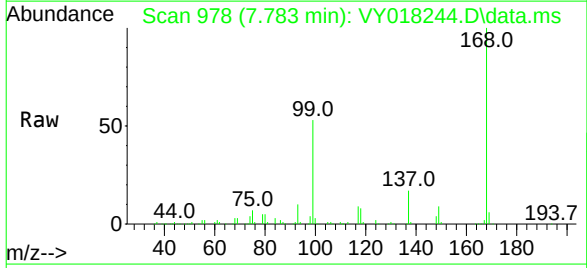




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 97
Delta R.T. -0.006 min
Lab File: VY018244.D
Acq: 13 May 2024 16:12

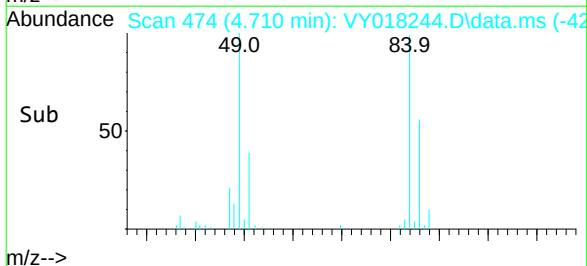
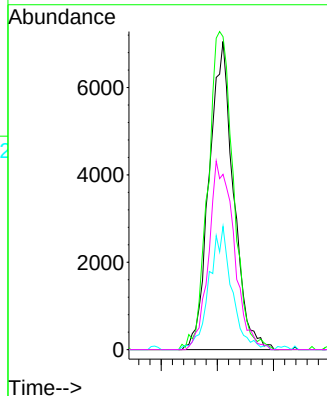
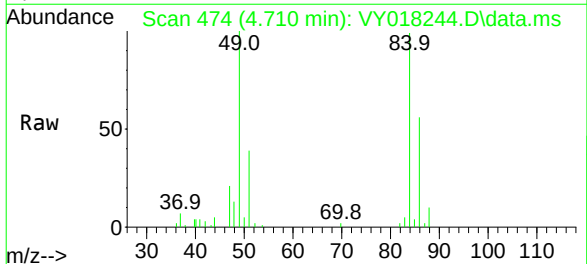
Instrument :
MSVOA_Y
ClientSampleId :
OR-03-051324

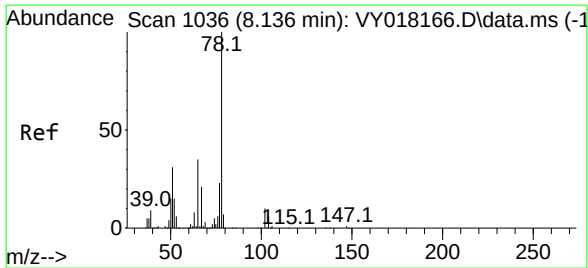
Tgt Ion:168 Resp: 165445
Ion Ratio Lower Upper
168 100
99 52.5 39.1 58.7



#20
Methylene Chloride
Concen: 12.386 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY018244.D
Acq: 13 May 2024 16:12

Tgt Ion: 84 Resp: 21265
Ion Ratio Lower Upper
84 100
49 101.5 84.4 126.6
51 40.0 26.0 39.0#
86 56.9 49.5 74.3

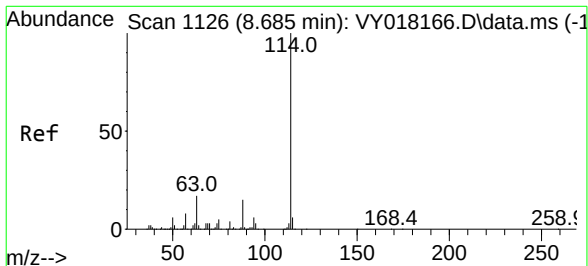
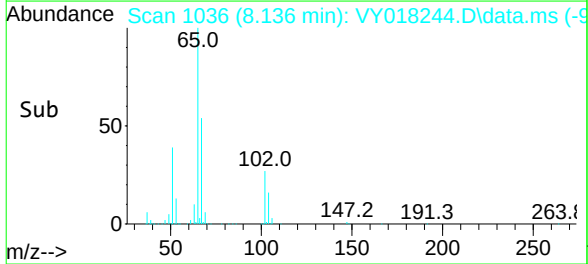
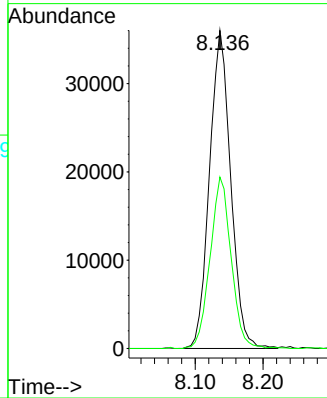
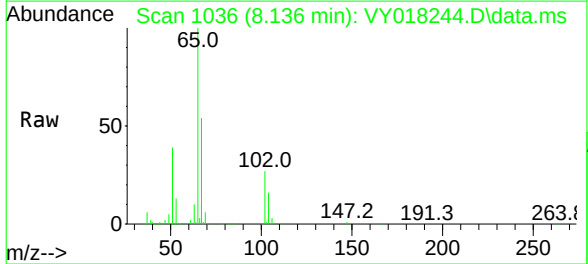




#33
1,2-Dichloroethane-d4
Concen: 64.278 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY018244.D
Acq: 13 May 2024 16:12

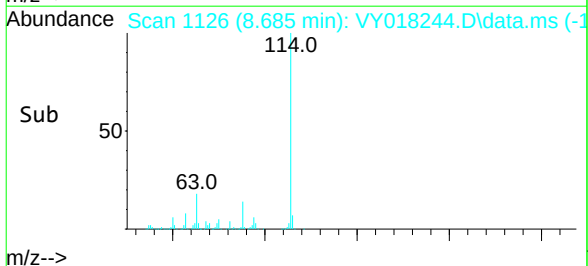
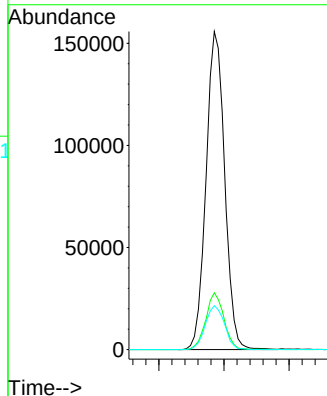
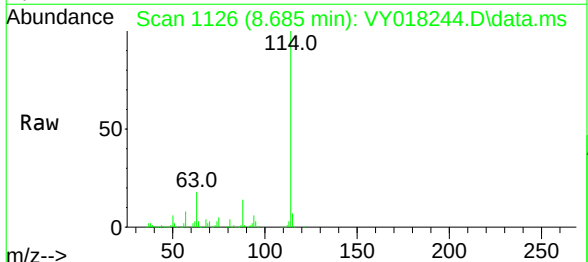
Instrument :
MSVOA_Y
ClientSampleId :
OR-03-051324

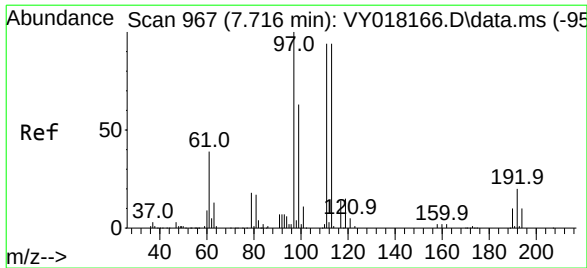
Tgt Ion: 65 Resp: 78234
Ion Ratio Lower Upper
65 100
67 53.5 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY018244.D
Acq: 13 May 2024 16:12

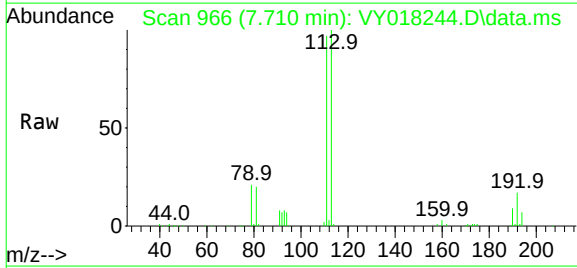
Tgt Ion: 114 Resp: 309461
Ion Ratio Lower Upper
114 100
63 17.9 0.0 35.0
88 13.8 0.0 27.2



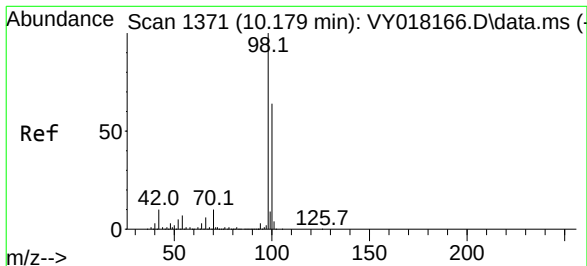
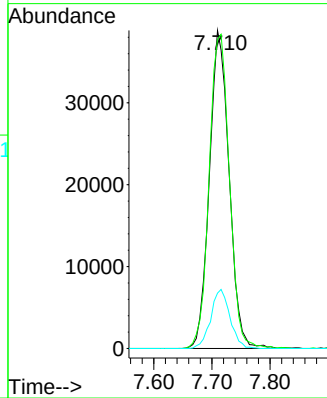
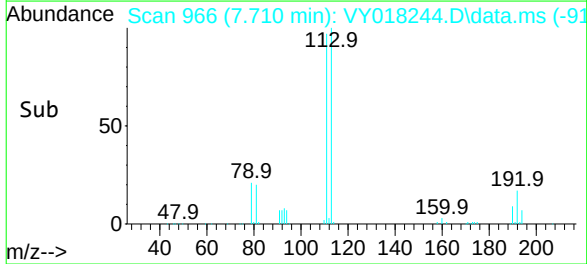


#35
Dibromofluoromethane
Concen: 56.220 ug/l
RT: 7.710 min Scan# 96
Delta R.T. -0.006 min
Lab File: VY018244.D
Acq: 13 May 2024 16:12

Instrument :
MSVOA_Y
ClientSampleId :
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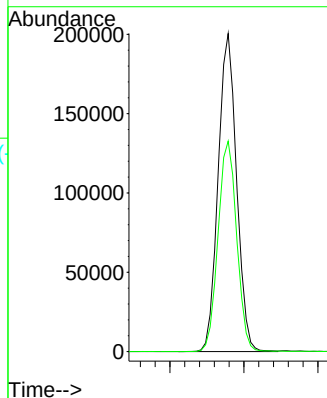
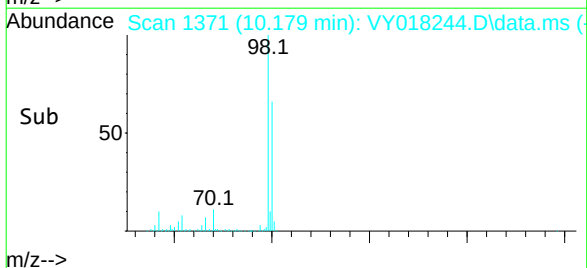
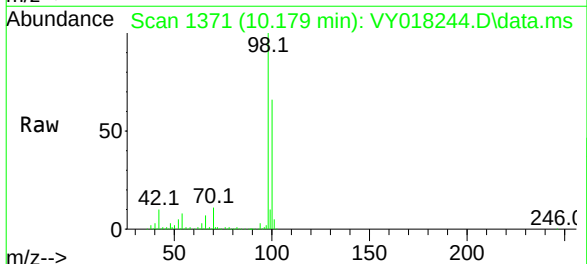


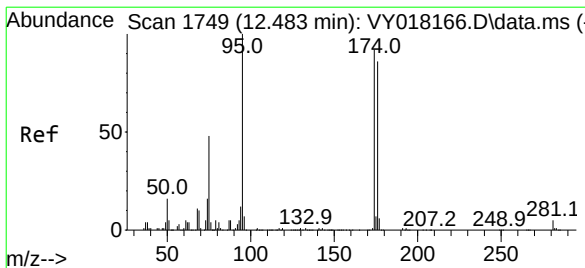
Tgt Ion:113 Resp: 91434
Ion Ratio Lower Upper
113 100
111 101.6 82.2 123.4
192 18.1 15.9 23.9



#50
Toluene-d8
Concen: 54.115 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY018244.D
Acq: 13 May 2024 16:12

Tgt Ion: 98 Resp: 346814
Ion Ratio Lower Upper
98 100
100 67.0 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 49.692 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VY018244.D

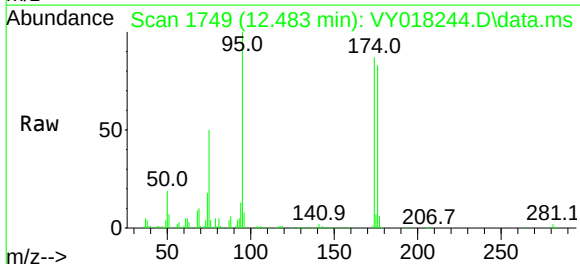
Acq: 13 May 2024 16:12

Instrument :

MSVOA_Y

ClientSampleId :

OR-03-051324



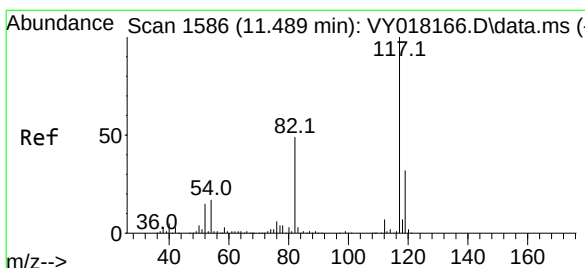
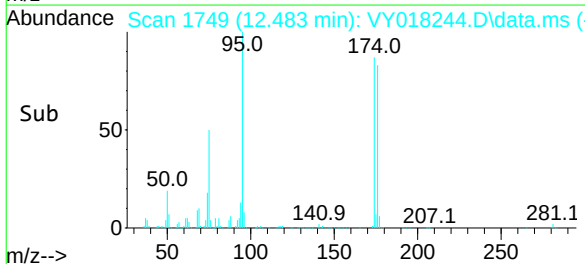
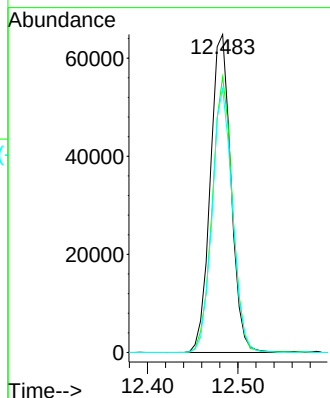
Tgt Ion: 95 Resp: 102848

Ion Ratio Lower Upper

95 100

174 85.0 0.0 175.6

176 82.0 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: VY018244.D

Acq: 13 May 2024 16:12

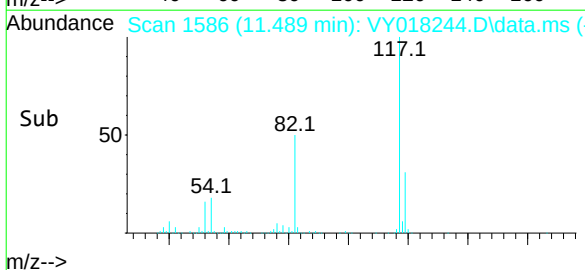
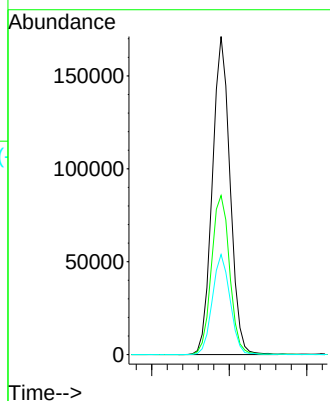
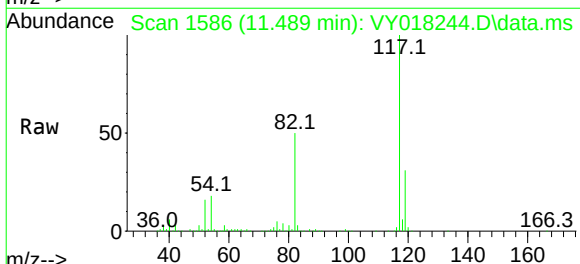
Tgt Ion: 117 Resp: 272613

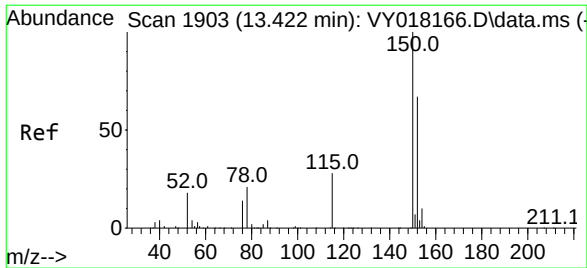
Ion Ratio Lower Upper

117 100

82 50.0 42.4 63.6

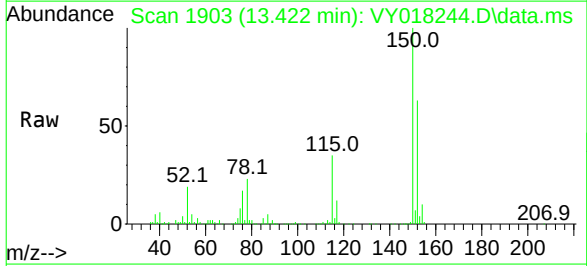
119 31.5 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 19
 Delta R.T. -0.000 min
 Lab File: VY018244.D
 Acq: 13 May 2024 16:12

Instrument :
 MSVOA_Y
 ClientSampleId :
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Tgt Ion:	152	Resp:	101504
Ion	Ratio	Lower	Upper
152	100		
115	55.5	28.2	84.7
150	155.6	0.0	345.6

