

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112624\
 Data File : VY020449.D
 Acq On : 26 Nov 2024 14:21
 Operator : SY/MD
 Sample : P5000-07
 Misc : 4.72g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-733-VOC

Quant Time: Nov 27 01:41:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 20 04:38:24 2024
 Response via : Initial Calibration

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

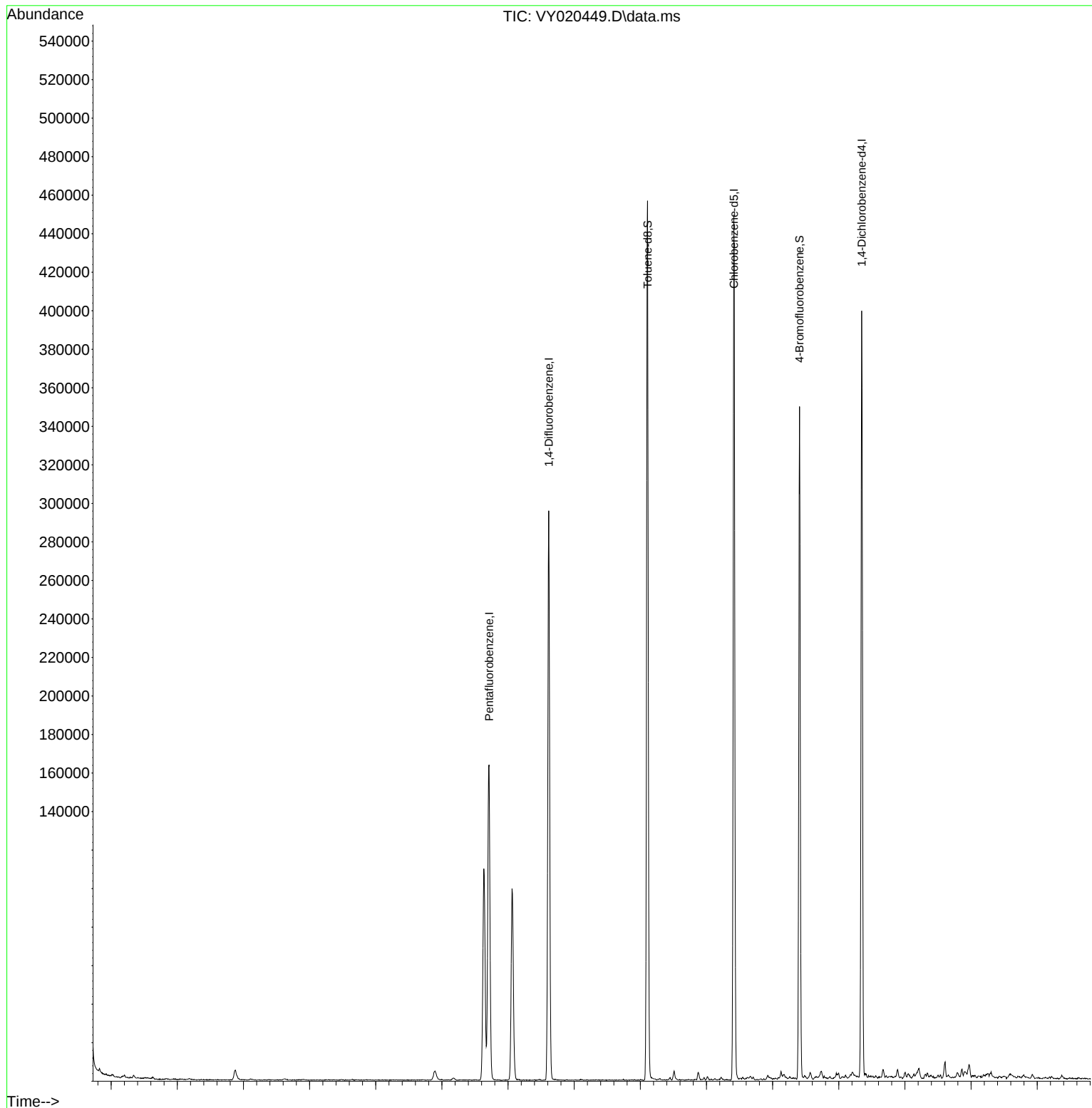
Internal Standards						
1) Pentafluorobenzene	7.713	168	123118	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	239775	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	232785	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	97603	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	81488	57.610	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.220%
35) Dibromofluoromethane	7.634	113	77570	50.452	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.900%
50) Toluene-d8	10.109	98	291188	48.078	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.160%
62) 4-Bromofluorobenzene	12.407	95	103888	53.358	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	106.720%
Target Compounds						
16) Acetone	3.878	43	10119	29.841	ug/l	Qvalue 94

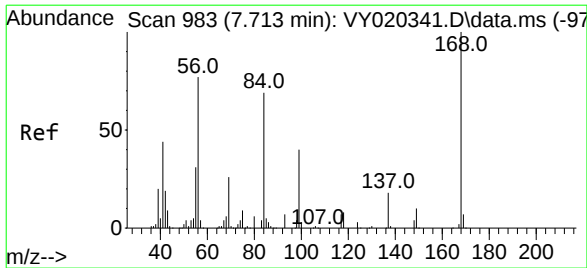
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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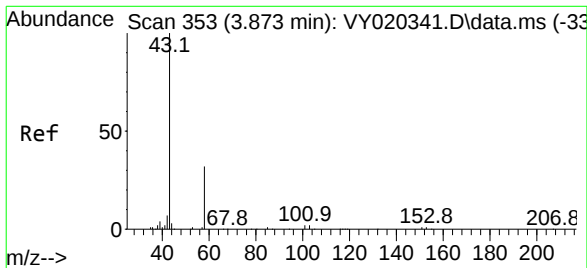
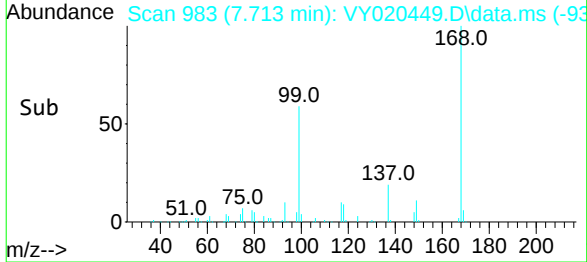
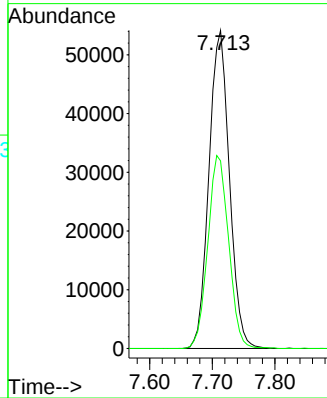
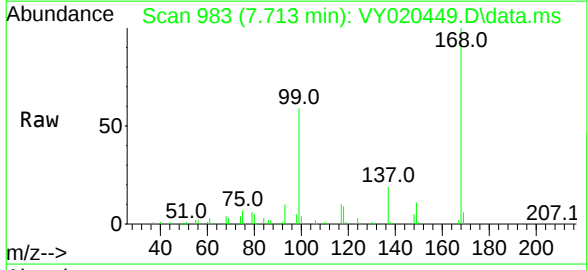




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY020449.D
Acq: 26 Nov 2024 14:21

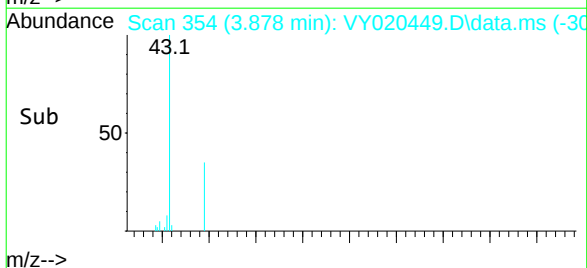
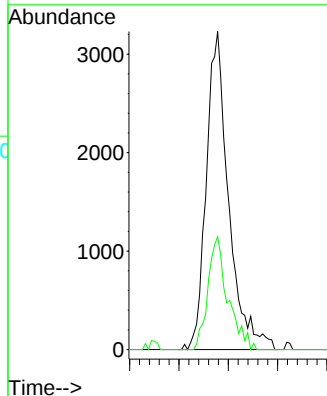
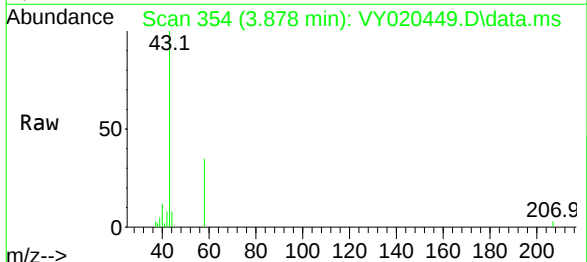
Instrument :
MSVOA_Y
ClientSampleId :
MH-733-VOC

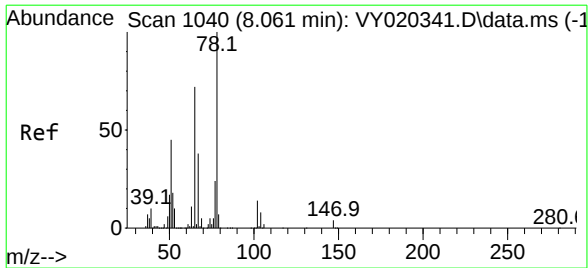
Tgt Ion:168 Resp: 123118
Ion Ratio Lower Upper
168 100
99 59.0 46.6 69.8



#16
Acetone
Concen: 29.841 ug/l
RT: 3.878 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY020449.D
Acq: 26 Nov 2024 14:21

Tgt Ion: 43 Resp: 10119
Ion Ratio Lower Upper
43 100
58 35.5 25.7 38.5

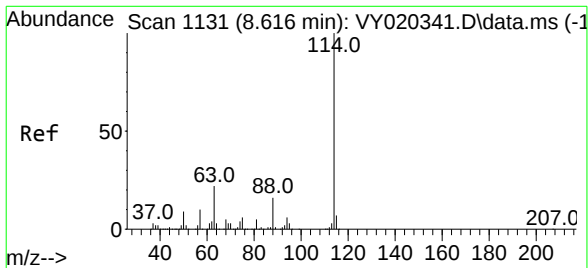
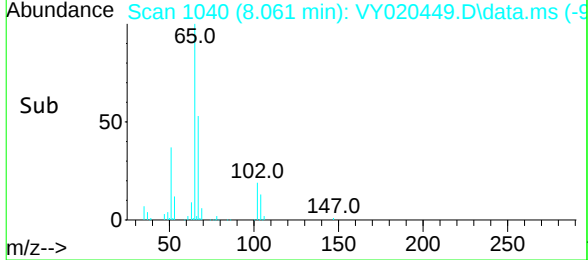
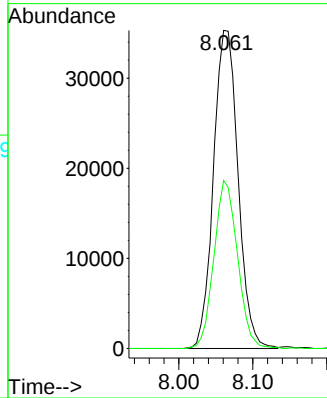
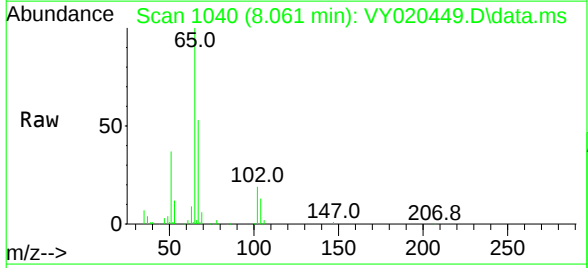




#33
1,2-Dichloroethane-d4
Concen: 57.610 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY020449.D
Acq: 26 Nov 2024 14:21

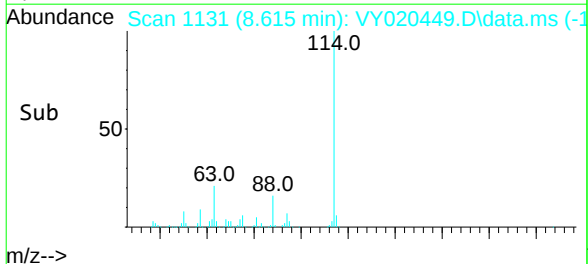
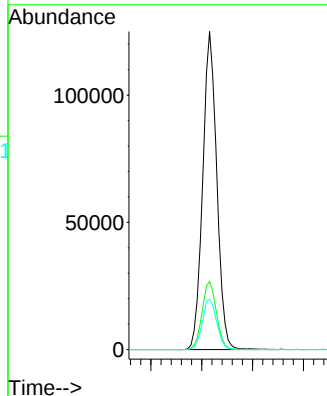
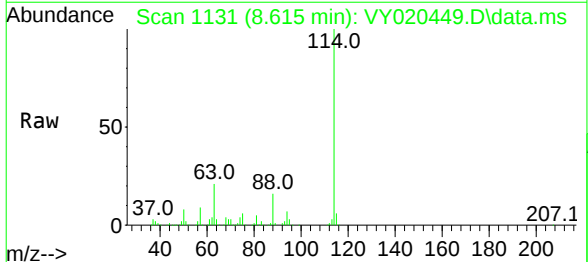
Instrument :
MSVOA_Y
ClientSampleId :
MH-733-VOC

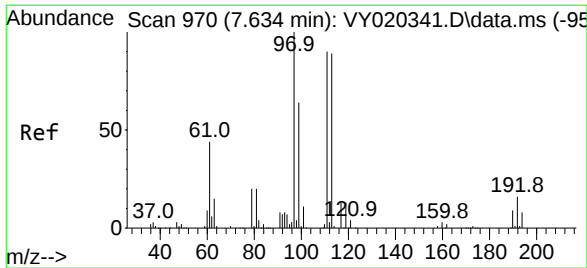
Tgt Ion: 65 Resp: 81488
Ion Ratio Lower Upper
65 100
67 50.7 0.0 105.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY020449.D
Acq: 26 Nov 2024 14:21

Tgt Ion: 114 Resp: 239775
Ion Ratio Lower Upper
114 100
63 21.4 0.0 44.8
88 15.8 0.0 32.0

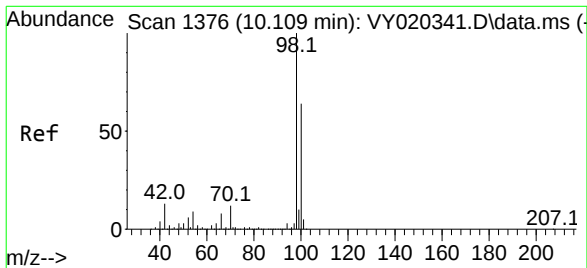
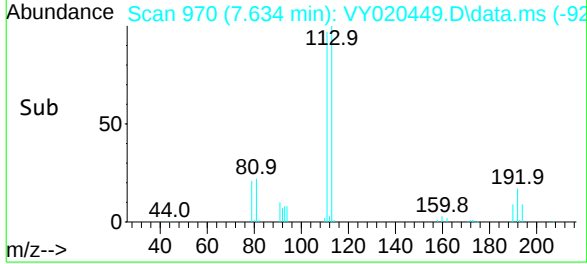
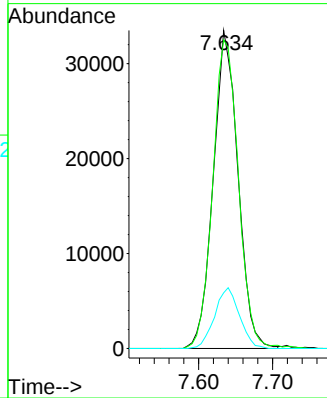
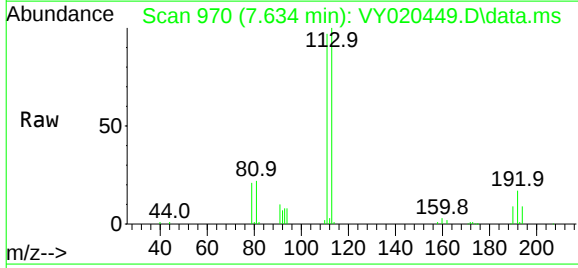




#35
Dibromofluoromethane
Concen: 50.452 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.000 min
Lab File: VY020449.D
Acq: 26 Nov 2024 14:21

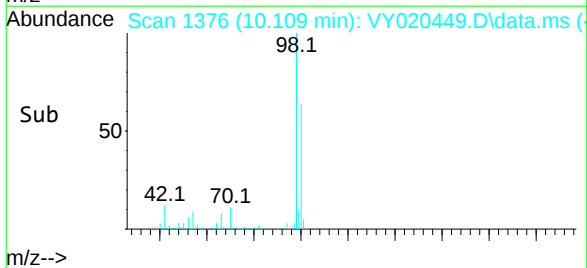
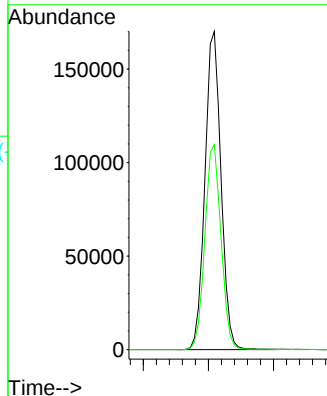
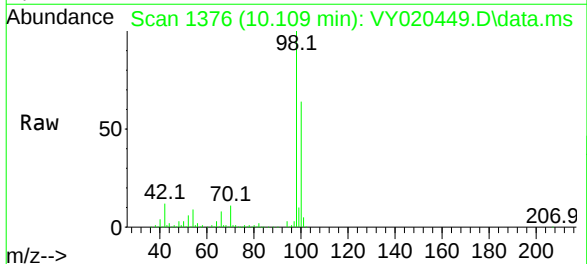
Instrument :
MSVOA_Y
ClientSampleId :
MH-733-VOC

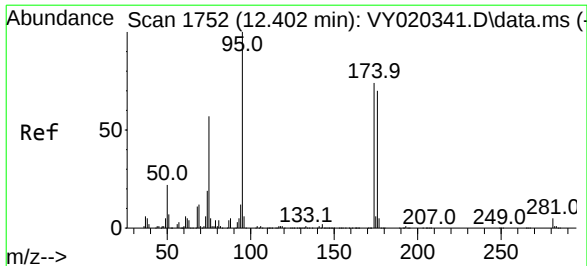
Tgt Ion: 113 Resp: 77570
Ion Ratio Lower Upper
113 100
111 101.2 81.4 122.0
192 19.2 15.1 22.7



#50
Toluene-d8
Concen: 48.078 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY020449.D
Acq: 26 Nov 2024 14:21

Tgt Ion: 98 Resp: 291188
Ion Ratio Lower Upper
98 100
100 64.8 51.3 76.9





#62

4-Bromofluorobenzene

Concen: 53.358 ug/l

RT: 12.407 min Scan# 1752

Delta R.T. 0.006 min

Lab File: VY020449.D

Acq: 26 Nov 2024 14:21

Instrument :

MSVOA_Y

ClientSampleId :

MH-733-VOC

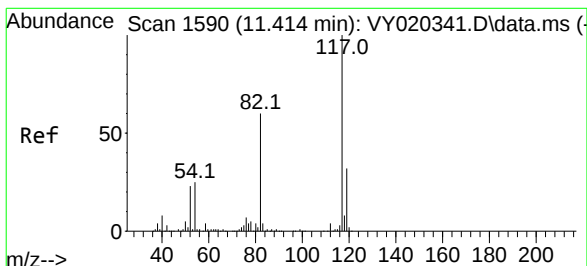
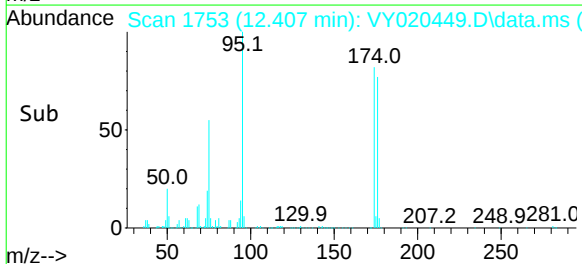
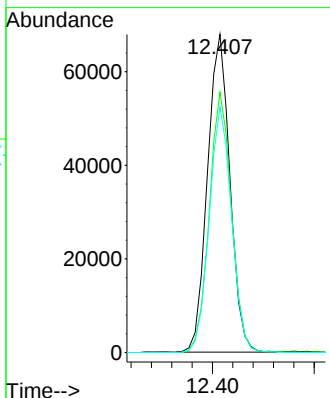
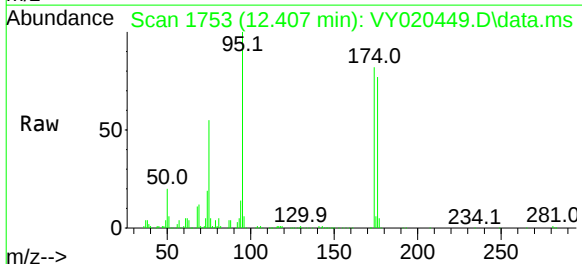
Tgt Ion: 95 Resp: 103888

Ion Ratio Lower Upper

95 100

174 81.4 0.0 156.8

176 77.1 0.0 152.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. -0.000 min

Lab File: VY020449.D

Acq: 26 Nov 2024 14:21

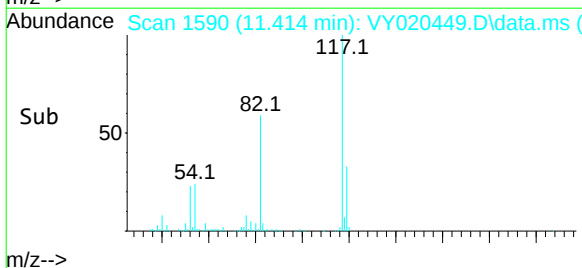
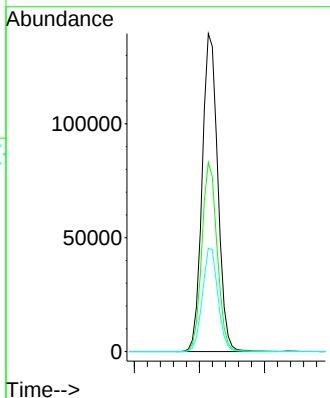
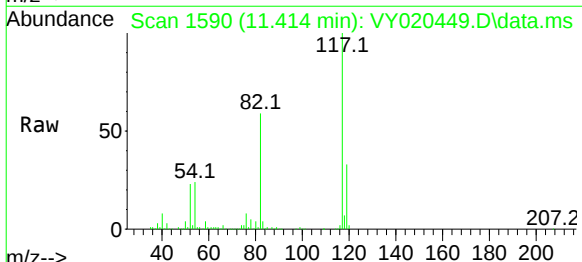
Tgt Ion: 117 Resp: 232785

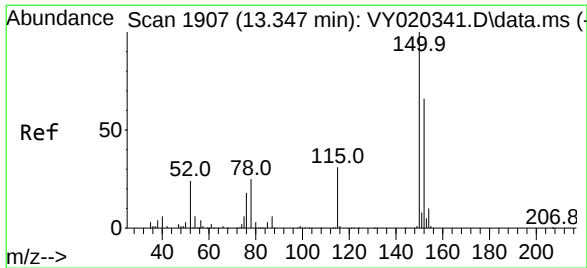
Ion Ratio Lower Upper

117 100

82 59.5 48.2 72.4

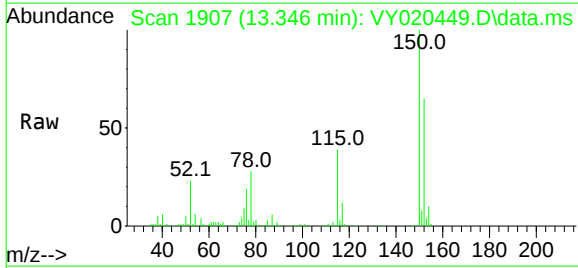
119 32.5 25.8 38.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 19
 Delta R.T. -0.000 min
 Lab File: VY020449.D
 Acq: 26 Nov 2024 14:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-733-VOC



Tgt Ion:	152	Resp:	97603
Ion	Ratio	Lower	Upper
152	100		
115	60.0	30.0	90.0
150	158.3	0.0	348.2

