

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112624\
 Data File : VY020448.D
 Acq On : 26 Nov 2024 13:57
 Operator : SY/MD
 Sample : P4985-03
 Misc : 4.56g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-756-VOC

Quant Time: Nov 27 01:41:32 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)

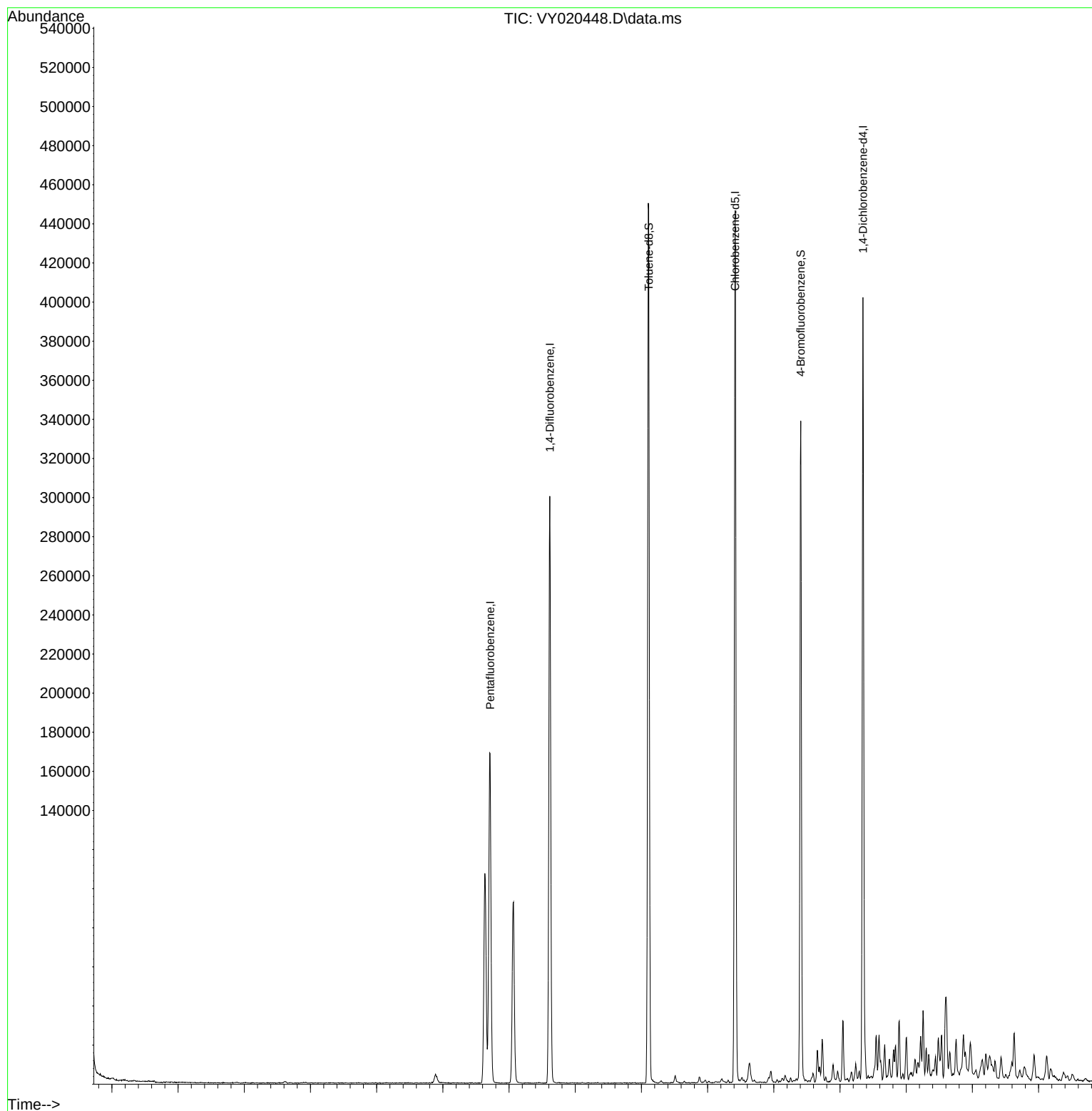
Internal Standards						
1) Pentafluorobenzene	7.713	168	126176	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	242612	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	232945	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	93971	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	77727	53.619	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.240%
35) Dibromofluoromethane	7.634	113	76150	48.949	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.900%
50) Toluene-d8	10.109	98	301053	49.126	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.260%
62) 4-Bromofluorobenzene	12.408	95	103323	52.448	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	104.900%
Target Compounds						
84) 1,2,4-Trimethylbenzene	13.042	105	15732	2.467	ug/l	Qvalue 99
95) Naphthalene	15.151	128	5984	2.045	ug/l #	93

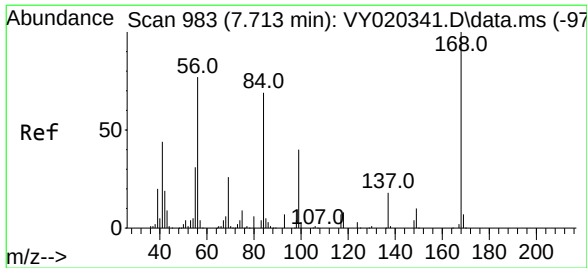
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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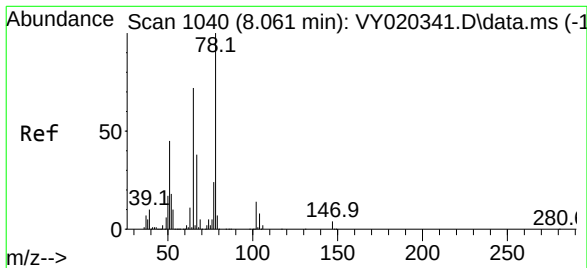
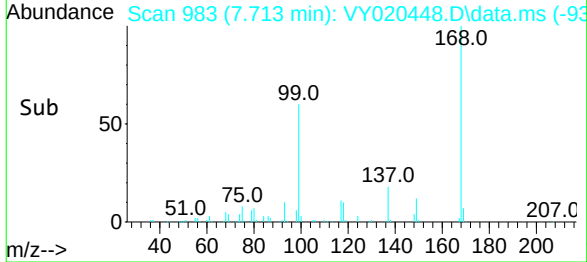
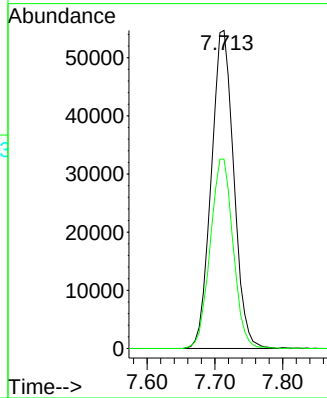
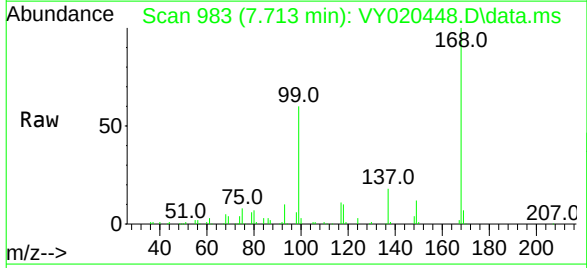




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.000 min
Lab File: VY020448.D
Acq: 26 Nov 2024 13:57

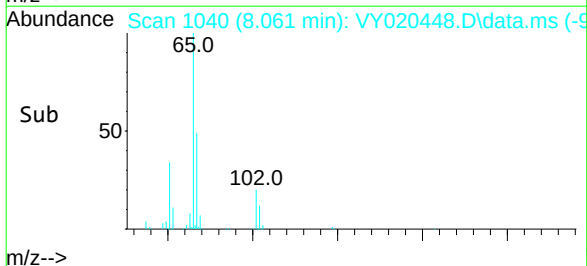
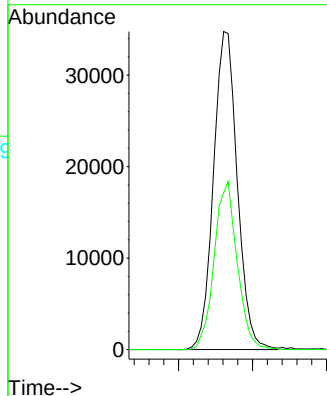
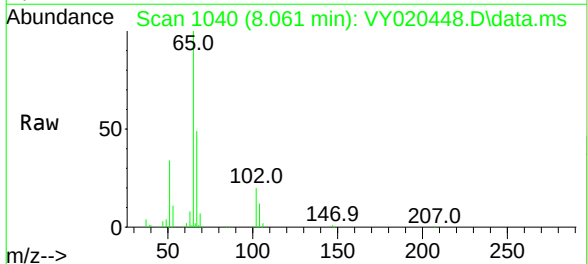
Instrument :
MSVOA_Y
ClientSampleId :
MH-756-VOC

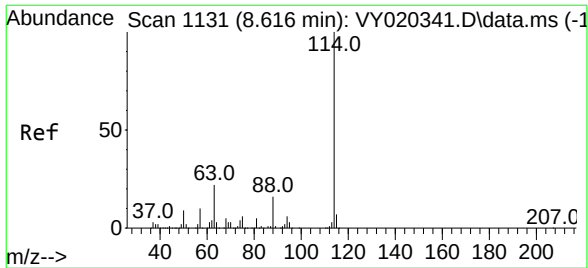
Tgt Ion:168 Resp: 126176
Ion Ratio Lower Upper
168 100
99 59.5 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 53.619 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020448.D
Acq: 26 Nov 2024 13:57

Tgt Ion: 65 Resp: 77727
Ion Ratio Lower Upper
65 100
67 51.0 0.0 105.8

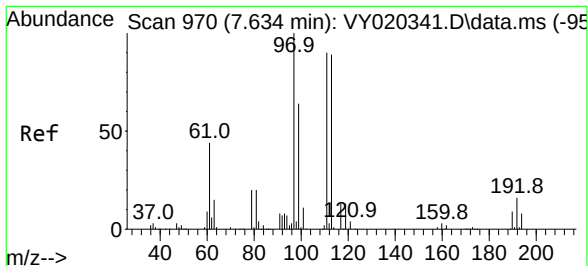
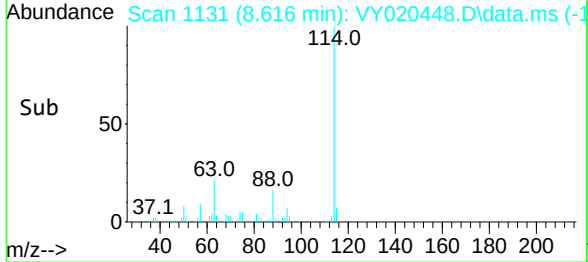
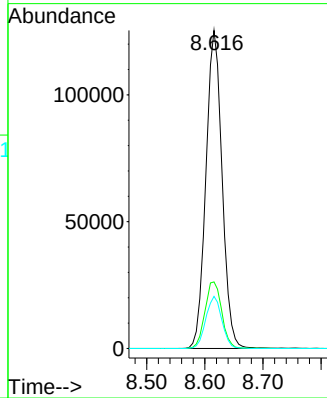
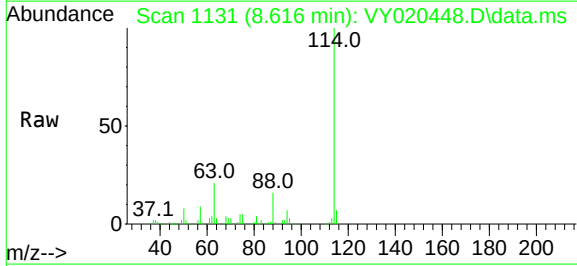




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY020448.D
Acq: 26 Nov 2024 13:57

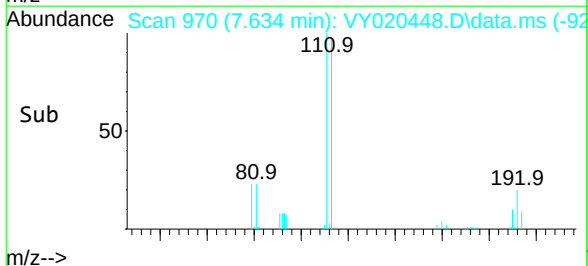
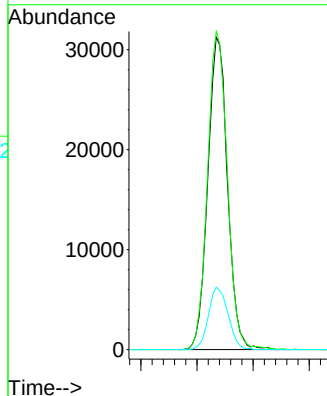
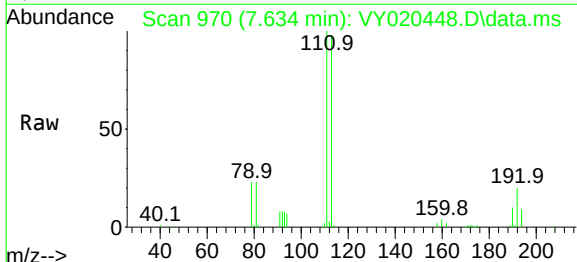
Instrument :
MSVOA_Y
ClientSampleId :
MH-756-VOC

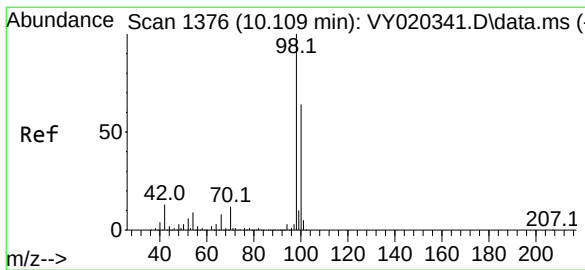
Tgt Ion:	114	Resp:	242612
Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	44.8
88	16.4	0.0	32.0



#35
Dibromofluoromethane
Concen: 48.949 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY020448.D
Acq: 26 Nov 2024 13:57

Tgt Ion:	113	Resp:	76150
Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.4	122.0
192	19.8	15.1	22.7





#50

Toluene-d8

Concen: 49.126 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY020448.D

Acq: 26 Nov 2024 13:57

Instrument :

MSVOA_Y

ClientSampleId :

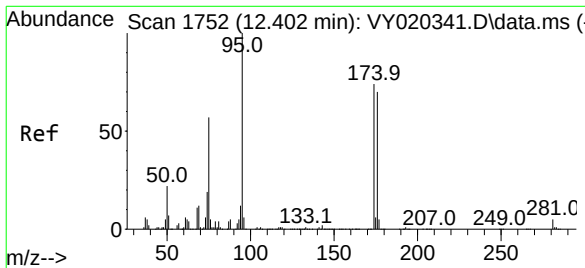
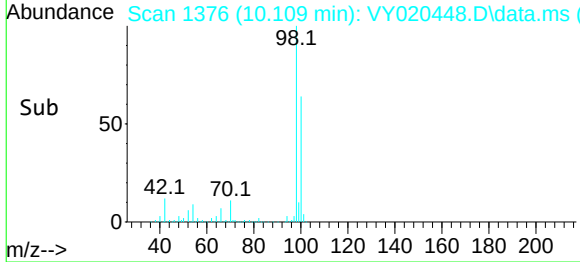
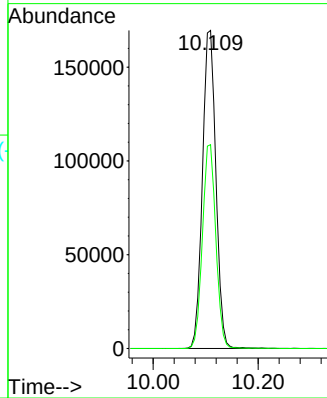
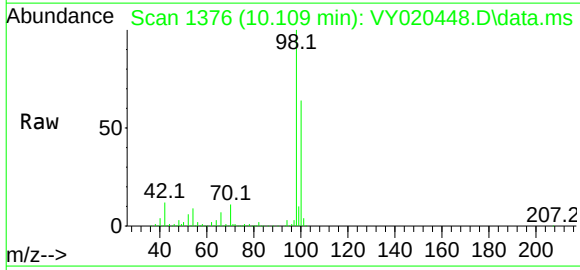
MH-756-VOC

Tgt Ion: 98 Resp: 301053

Ion Ratio Lower Upper

98 100

100 63.9 51.3 76.9



#62

4-Bromofluorobenzene

Concen: 52.448 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY020448.D

Acq: 26 Nov 2024 13:57

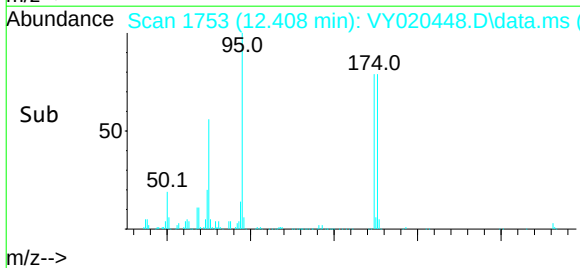
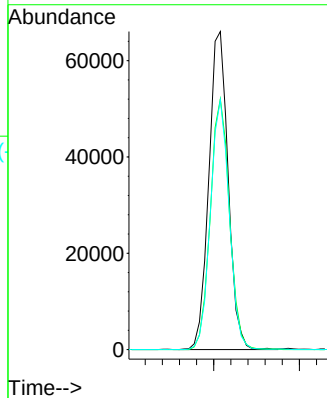
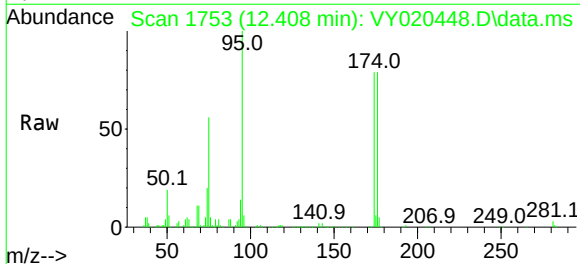
Tgt Ion: 95 Resp: 103323

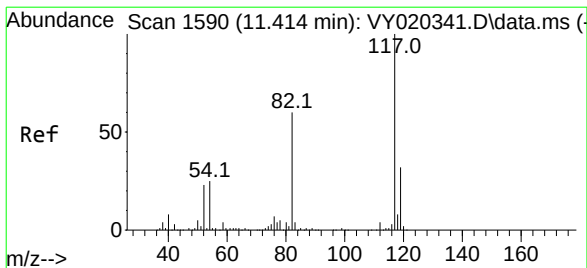
Ion Ratio Lower Upper

95 100

174 78.1 0.0 156.8

176 76.5 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: VY020448.D

Acq: 26 Nov 2024 13:57

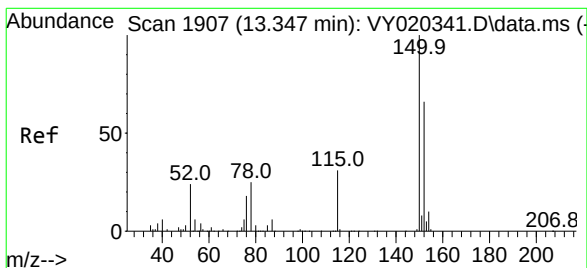
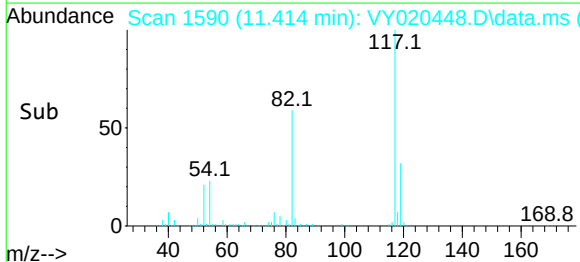
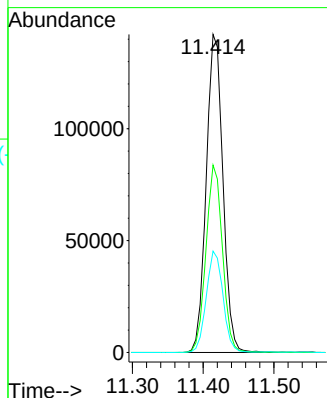
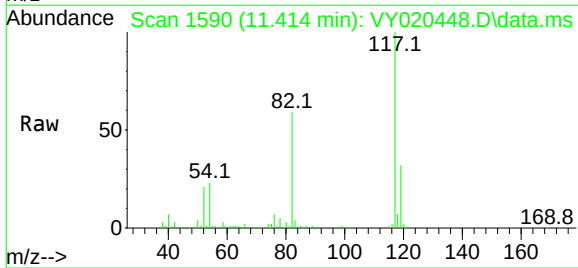
Instrument :

MSVOA_Y

ClientSampleId :

MH-756-VOC

Tgt Ion:	117	Resp:	232945
Ion	Ratio	Lower	Upper
117	100		
82	58.9	48.2	72.4
119	31.8	25.8	38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

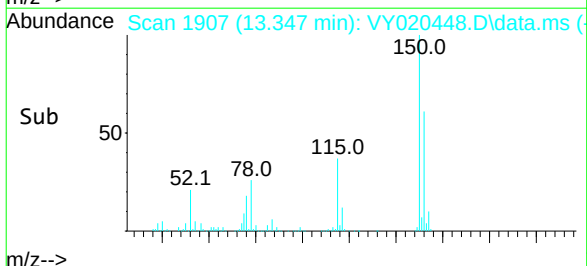
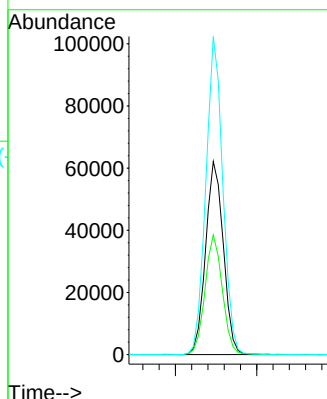
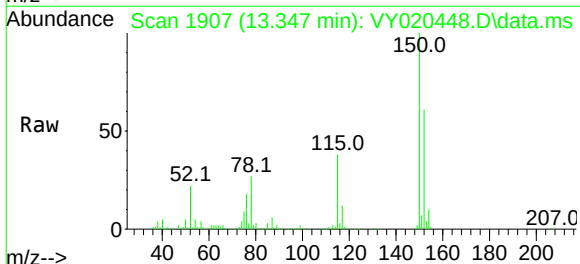
RT: 13.347 min Scan# 1907

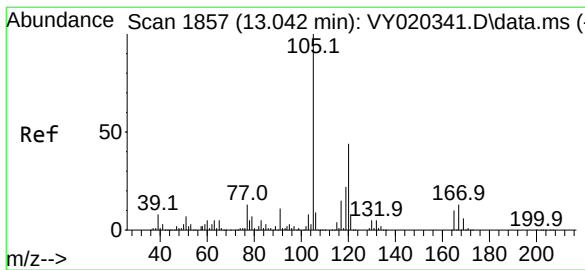
Delta R.T. 0.000 min

Lab File: VY020448.D

Acq: 26 Nov 2024 13:57

Tgt Ion:	152	Resp:	93971
Ion	Ratio	Lower	Upper
152	100		
115	60.7	30.0	90.0
150	157.6	0.0	348.2





#84

1,2,4-Trimethylbenzene

Concen: 2.467 ug/l

RT: 13.042 min Scan# 18

Delta R.T. 0.000 min

Lab File: VY020448.D

Acq: 26 Nov 2024 13:57

Instrument :

MSVOA_Y

ClientSampleId :

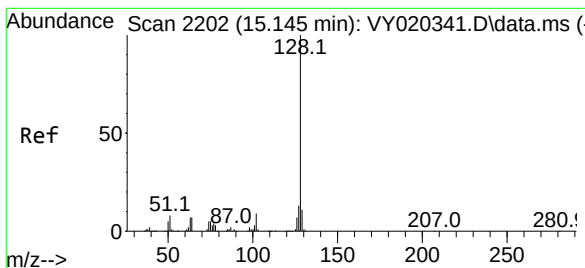
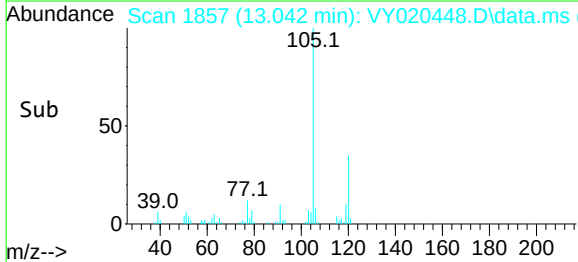
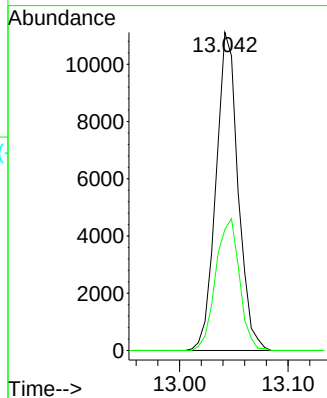
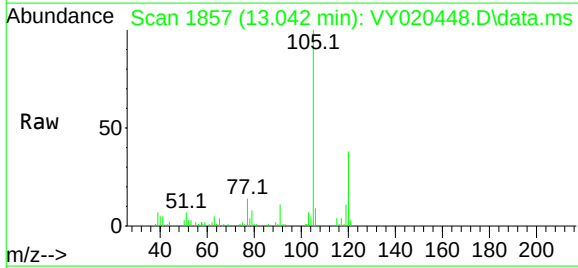
MH-756-VOC

Tgt Ion:105 Resp: 15732

Ion Ratio Lower Upper

105 100

120 44.4 22.0 66.0



#95

Naphthalene

Concen: 2.045 ug/l

RT: 15.151 min Scan# 2203

Delta R.T. 0.006 min

Lab File: VY020448.D

Acq: 26 Nov 2024 13:57

Tgt Ion:128 Resp: 5984

Ion Ratio Lower Upper

128 100

127 15.9 10.5 15.7#

129 13.1 8.6 13.0#

