

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110524\
 Data File : VY020160.D
 Acq On : 05 Nov 2024 12:35
 Operator : SY/MD
 Sample : P4679-03
 Misc : 5.35g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-1-VOC

Quant Time: Nov 06 00:23:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

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

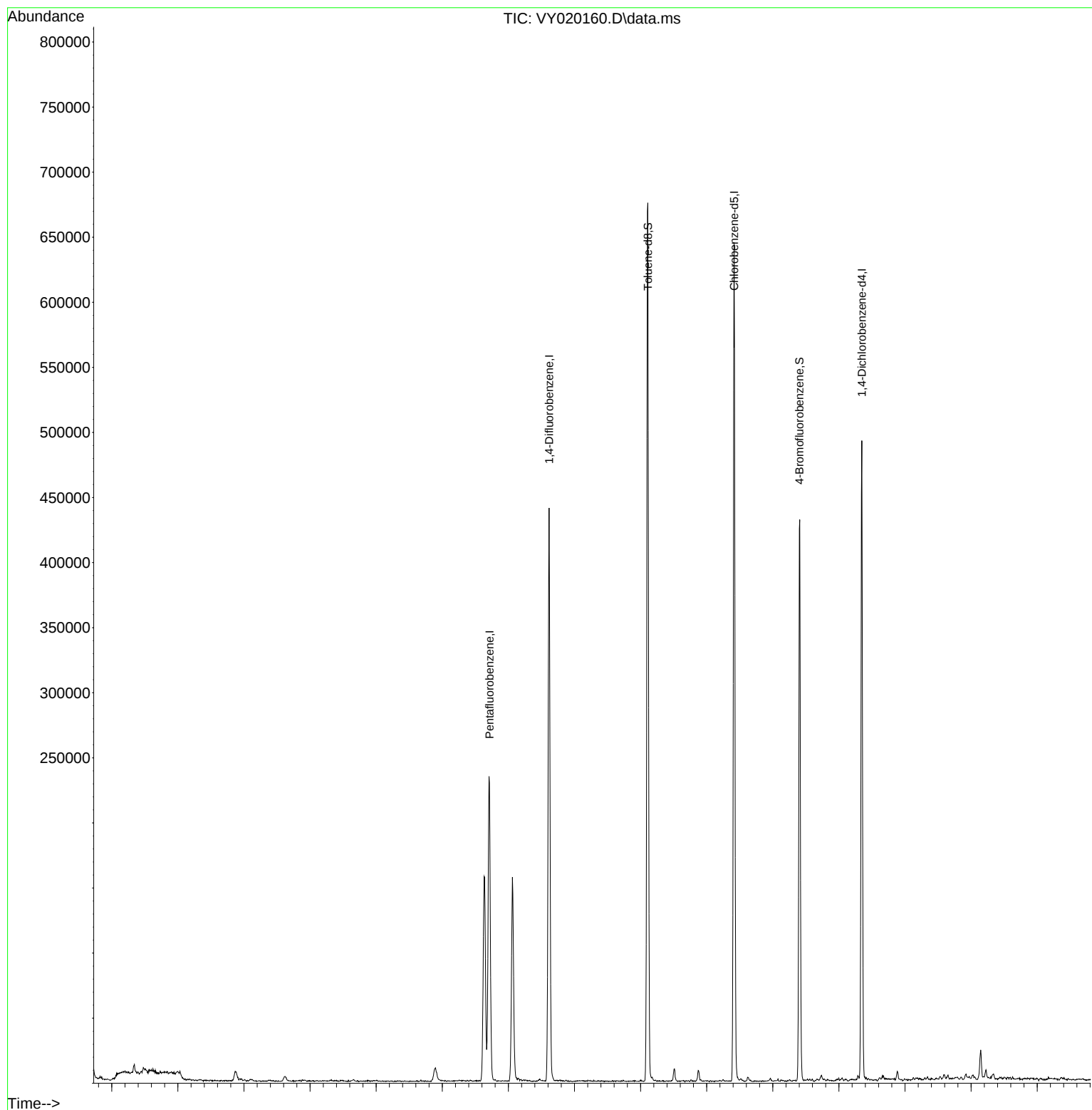
Internal Standards						
1) Pentafluorobenzene	7.713	168	162272	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	338622	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	308000	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	110227	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	116335	57.442	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.880%
35) Dibromofluoromethane	7.634	113	113890	52.900	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.800%
50) Toluene-d8	10.109	98	423149	49.377	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.760%
62) 4-Bromofluorobenzene	12.401	95	125918	45.236	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	90.480%
Target Compounds						
						Qvalue
16) Acetone	3.866	43	14180	30.107	ug/l	# 80
95) Naphthalene	15.145	128	16054	5.084	ug/l	99

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

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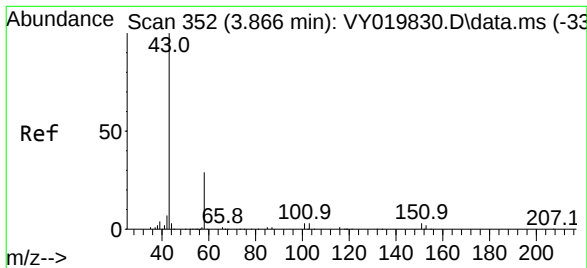
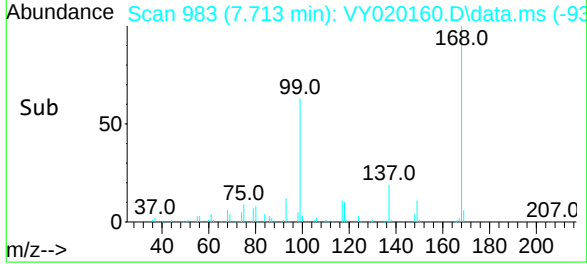
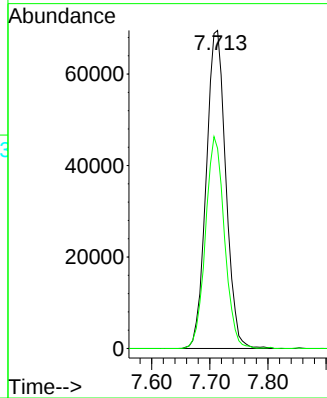
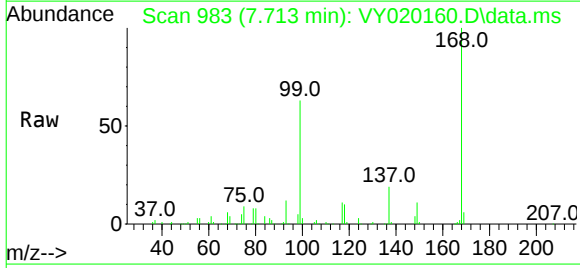




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.006 min
Lab File: VY020160.D
Acq: 05 Nov 2024 12:35

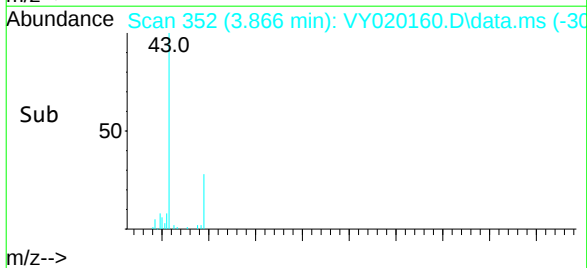
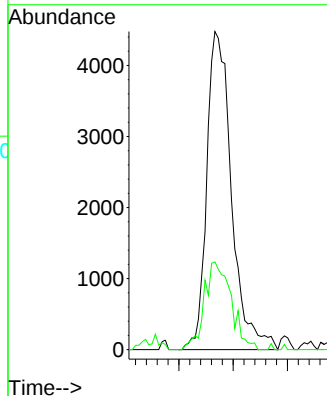
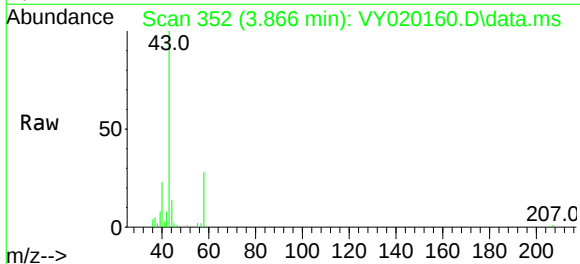
Instrument :
MSVOA_Y
ClientSampleId :
MH-1-VOC

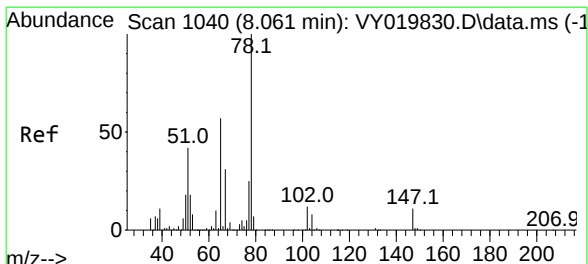
Tgt Ion:168 Resp: 162272
Ion Ratio Lower Upper
168 100
99 62.9 39.1 58.7#



#16
Acetone
Concen: 30.107 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY020160.D
Acq: 05 Nov 2024 12:35

Tgt Ion: 43 Resp: 14180
Ion Ratio Lower Upper
43 100
58 27.6 31.7 47.5#

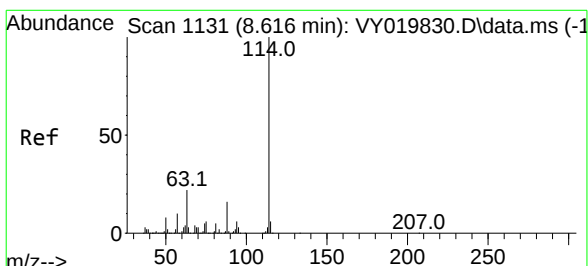
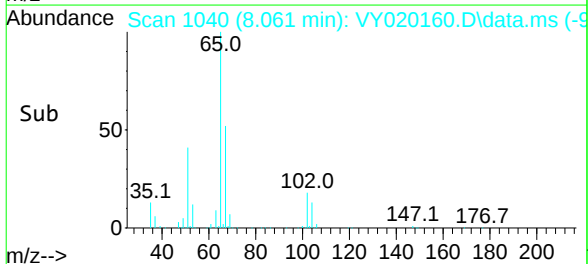
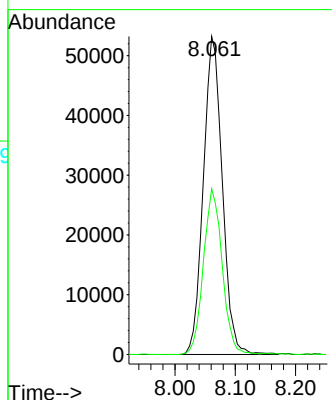
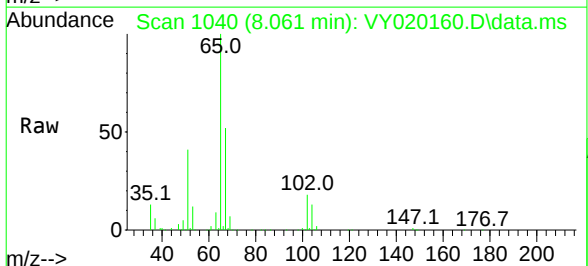




#33
 1,2-Dichloroethane-d4
 Concen: 57.442 ug/l
 RT: 8.061 min Scan# 1040
 Delta R.T. 0.000 min
 Lab File: VY020160.D
 Acq: 05 Nov 2024 12:35

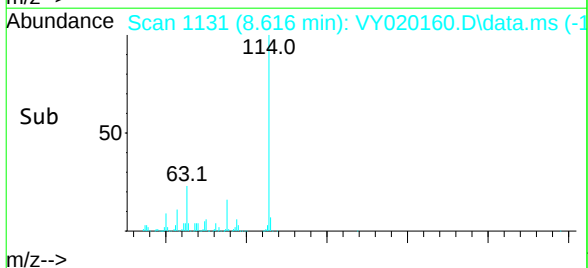
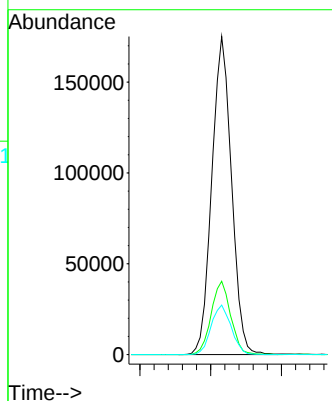
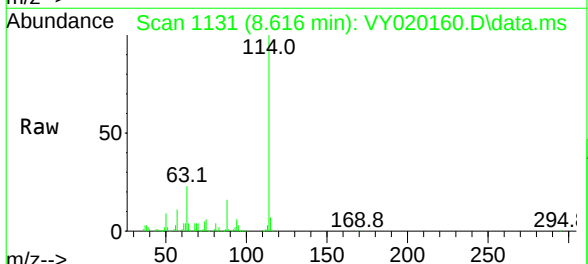
Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-1-VOC

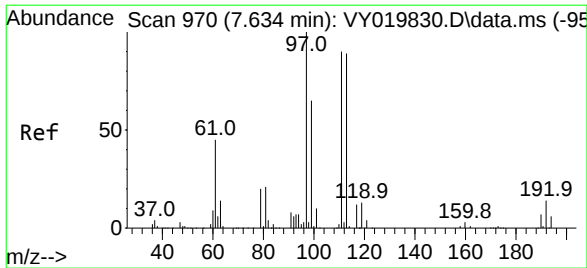
Tgt Ion: 65 Resp: 116335
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY020160.D
 Acq: 05 Nov 2024 12:35

Tgt Ion: 114 Resp: 338622
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 35.0
 88 15.6 0.0 27.2

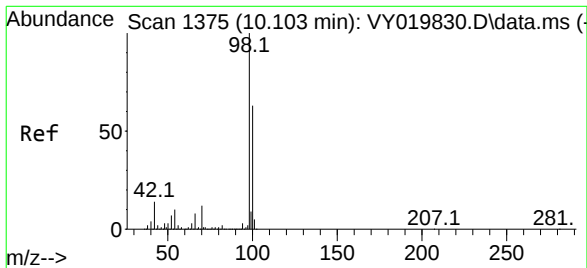
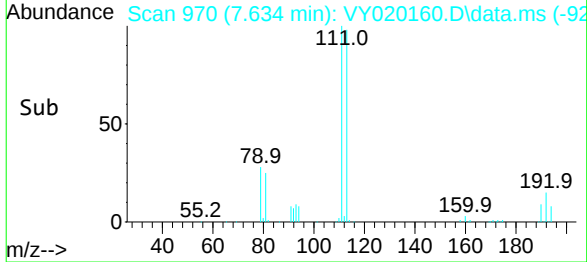
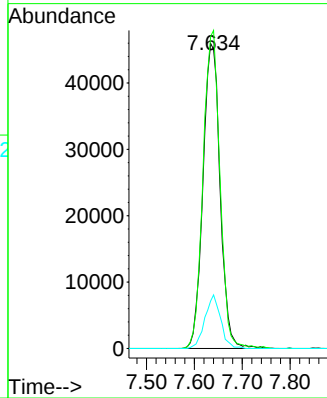
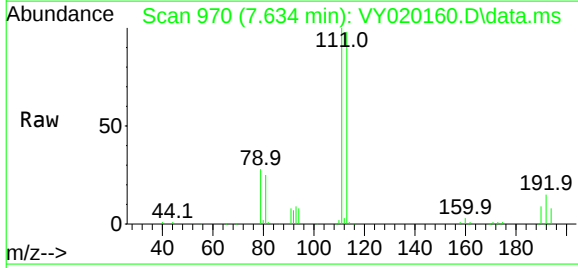




#35
Dibromofluoromethane
Concen: 52.900 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY020160.D
Acq: 05 Nov 2024 12:35

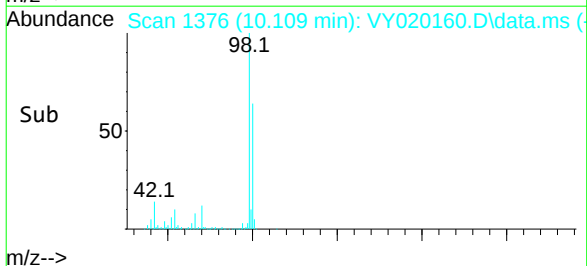
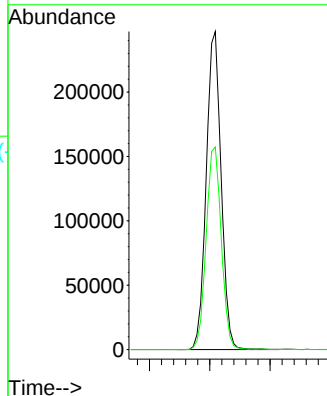
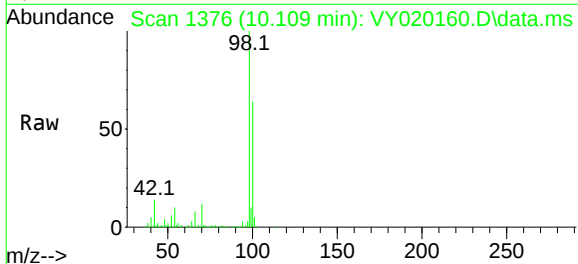
Instrument :
MSVOA_Y
ClientSampleId :
MH-1-VOC

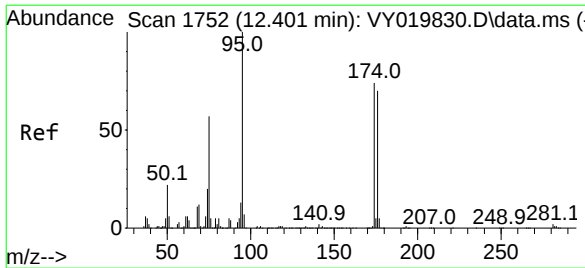
Tgt Ion:113 Resp: 113890
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.4
192 16.2 15.9 23.9



#50
Toluene-d8
Concen: 49.377 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY020160.D
Acq: 05 Nov 2024 12:35

Tgt Ion: 98 Resp: 423149
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 45.236 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.006 min

Lab File: VY020160.D

Acq: 05 Nov 2024 12:35

Instrument :

MSVOA_Y

ClientSampleId :

MH-1-VOC

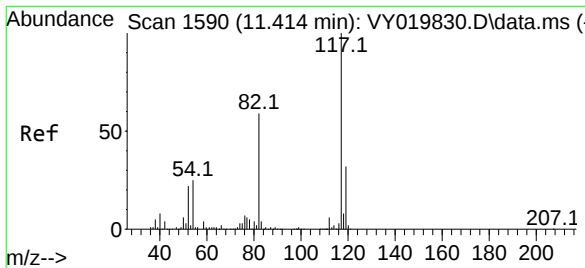
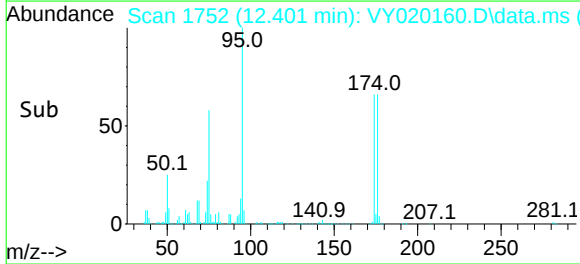
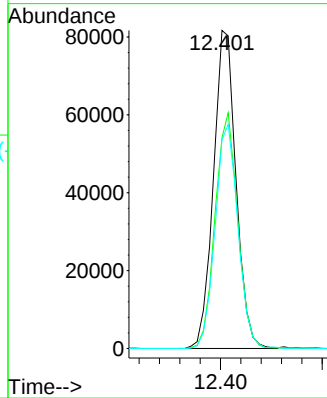
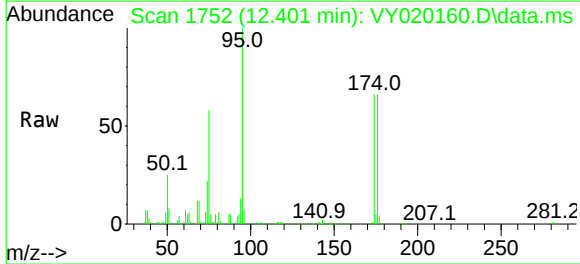
Tgt Ion: 95 Resp: 125918

Ion Ratio Lower Upper

95 100

174 74.3 0.0 175.6

176 70.9 0.0 171.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. -0.006 min

Lab File: VY020160.D

Acq: 05 Nov 2024 12:35

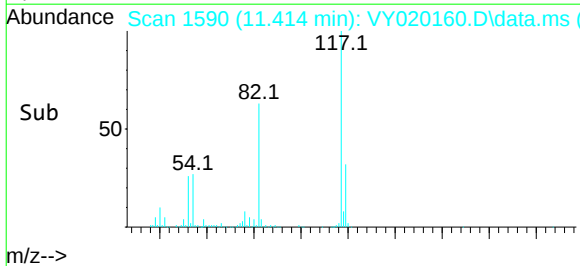
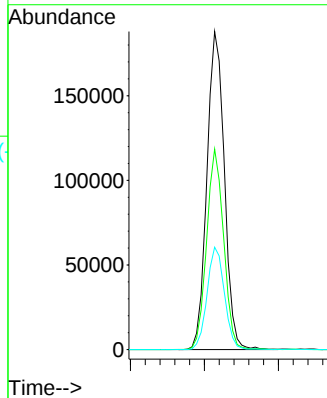
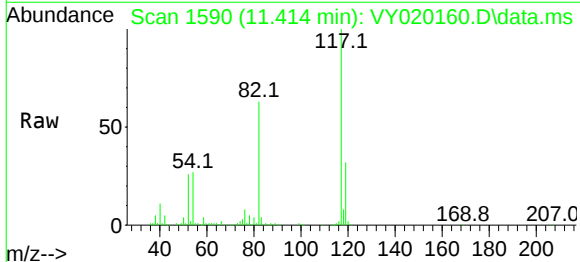
Tgt Ion: 117 Resp: 308000

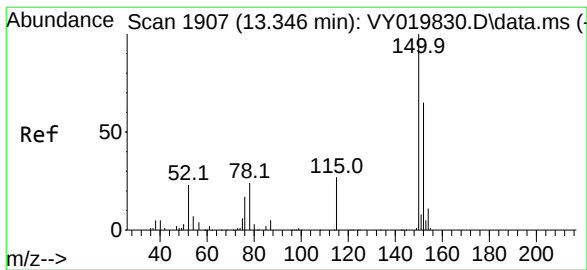
Ion Ratio Lower Upper

117 100

82 63.0 42.4 63.6

119 32.2 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY020160.D

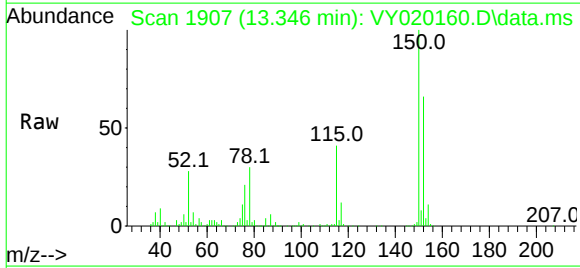
Acq: 05 Nov 2024 12:35

Instrument :

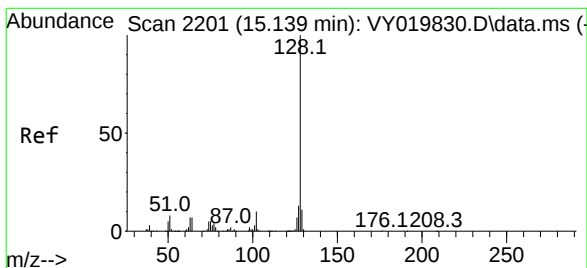
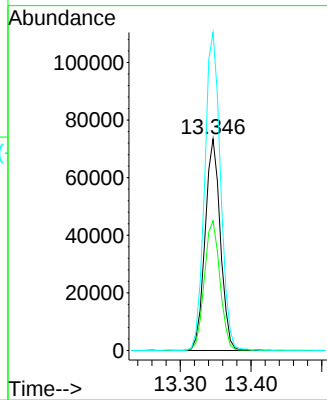
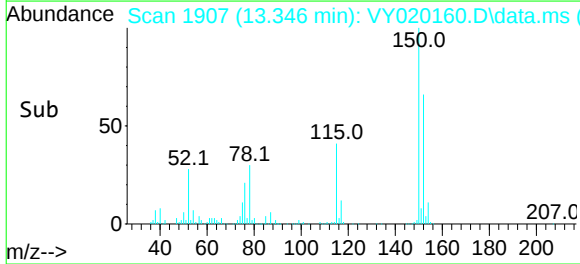
MSVOA_Y

ClientSampleId :

MH-1-VOC



Tgt Ion:	152	Resp:	110227
Ion	Ratio	Lower	Upper
152	100		
115	62.7	28.2	84.7
150	155.5	0.0	345.6



#95

Naphthalene

Concen: 5.084 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY020160.D

Acq: 05 Nov 2024 12:35

Tgt Ion:	128	Resp:	16054
Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.6	16.0
129	10.7	8.6	13.0

