

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100124\
 Data File : VY019752.D
 Acq On : 01 Oct 2024 19:31
 Operator : SY/MD
 Sample : P4236-10
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP1-VOC

Quant Time: Oct 02 03:19:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

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

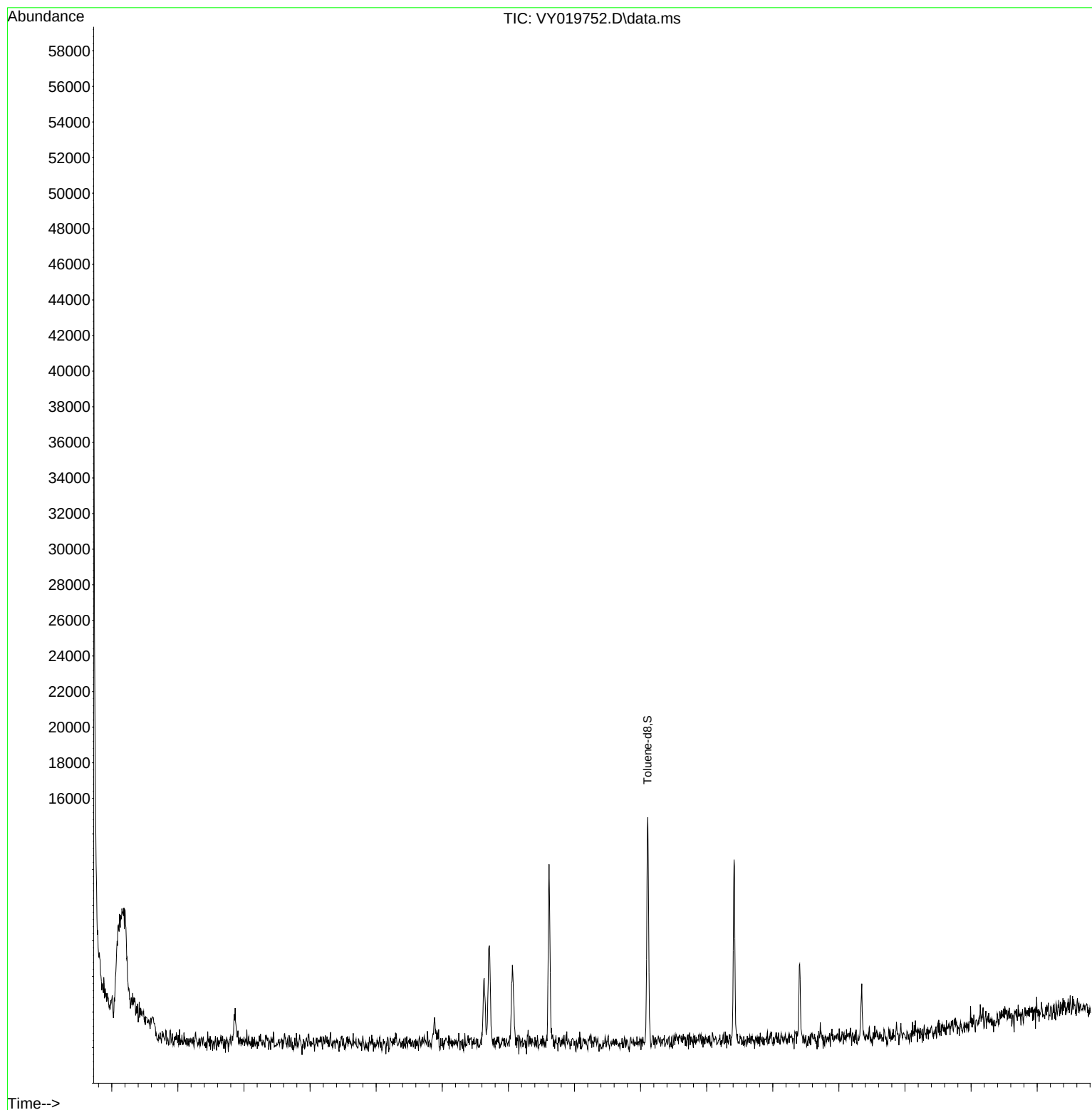
Internal Standards						
1) Pentafluorobenzene	7.713	168	4059	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	8234	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	5677	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	865	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	3580	95.250	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	190.500%#
35) Dibromofluoromethane	7.634	113	2863	61.326	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	122.660%
50) Toluene-d8	10.103	98	8382	48.541	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.080%
62) 4-Bromofluorobenzene	12.402	95	1581	23.812	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	47.620%
Target Compounds						
16) Acetone	3.867	43	3260	364.076	ug/l	Qvalue 96

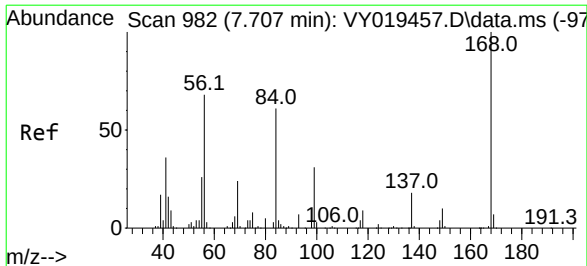
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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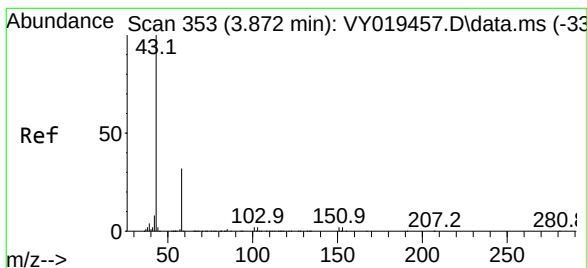
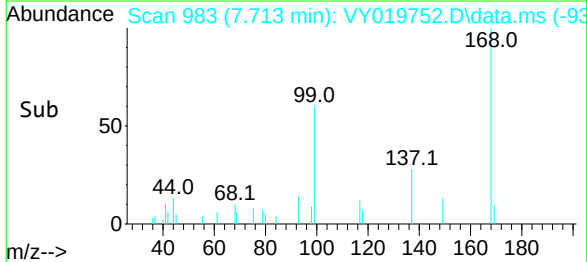
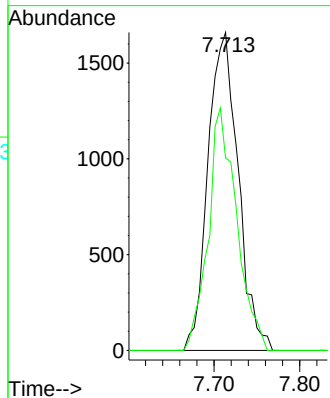
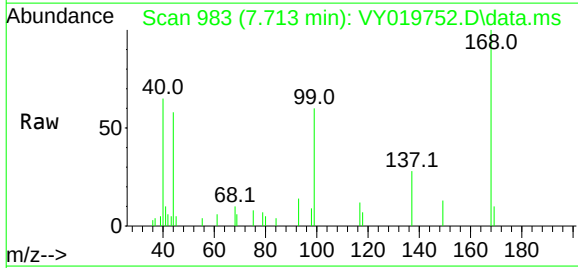




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.006 min
Lab File: VY019752.D
Acq: 01 Oct 2024 19:31

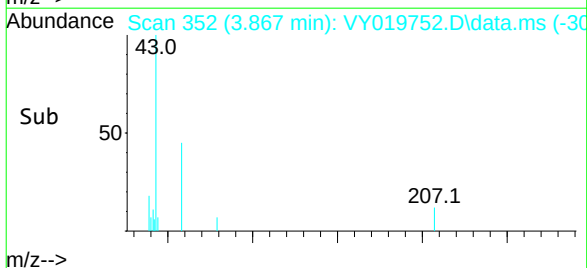
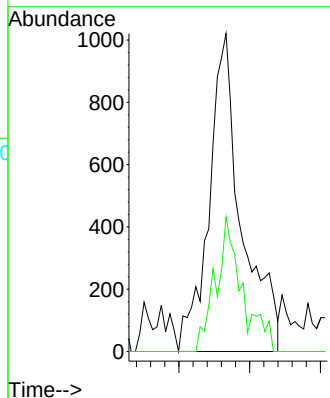
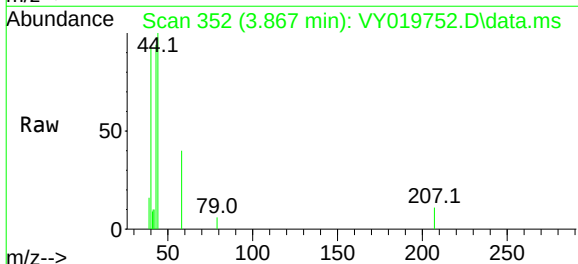
Instrument :
MSVOA_Y
ClientSampleId :
TP1-VOC

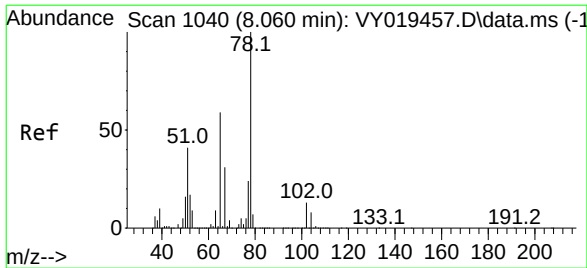
Tgt Ion:168 Resp: 4059
Ion Ratio Lower Upper
168 100
99 60.5 39.1 58.7#



#16
Acetone
Concen: 364.076 ug/l
RT: 3.867 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY019752.D
Acq: 01 Oct 2024 19:31

Tgt Ion: 43 Resp: 3260
Ion Ratio Lower Upper
43 100
58 42.3 31.7 47.5

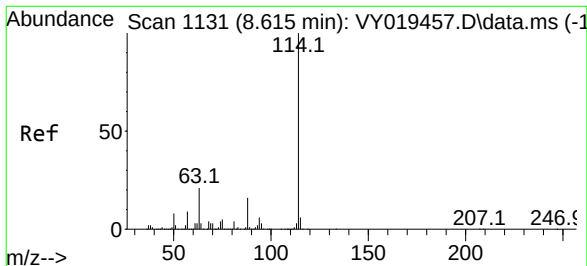
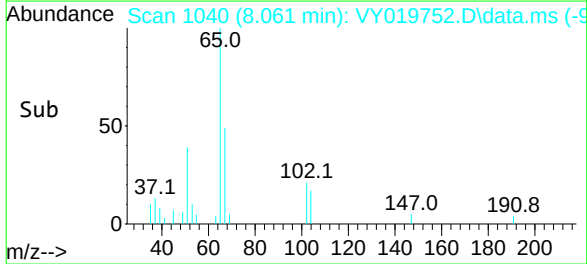
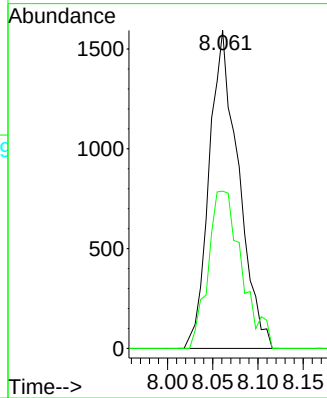
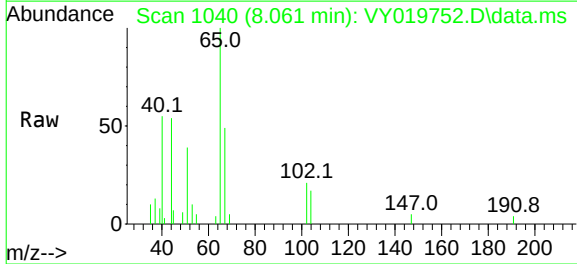




#33
1,2-Dichloroethane-d4
Concen: 95.250 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019752.D
Acq: 01 Oct 2024 19:31

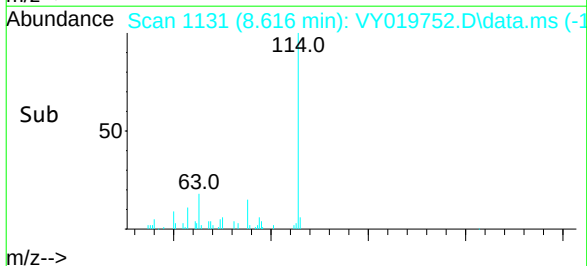
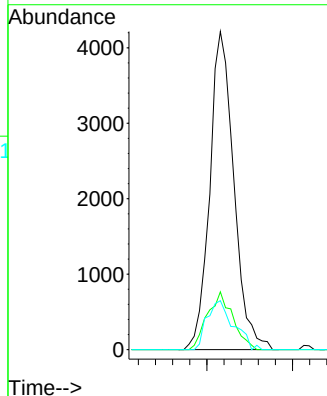
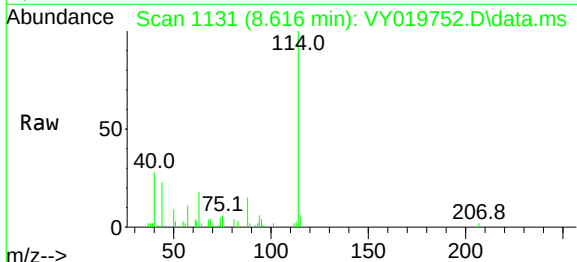
Instrument :
MSVOA_Y
ClientSampleId :
TP1-VOC

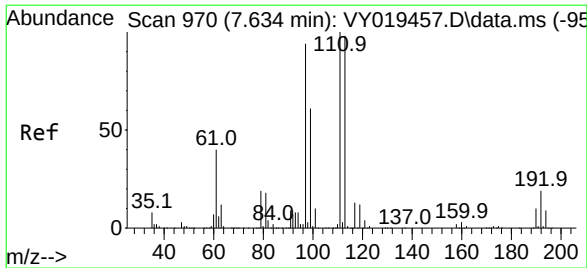
Tgt Ion: 65 Resp: 3580
Ion Ratio Lower Upper
65 100
67 56.8 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY019752.D
Acq: 01 Oct 2024 19:31

Tgt Ion: 114 Resp: 8234
Ion Ratio Lower Upper
114 100
63 18.2 0.0 35.0
88 15.4 0.0 27.2





#35

Dibromofluoromethane

Concen: 61.326 ug/l

RT: 7.634 min Scan# 97

Delta R.T. 0.000 min

Lab File: VY019752.D

Acq: 01 Oct 2024 19:31

Instrument :

MSVOA_Y

ClientSampleId :

TP1-VOC

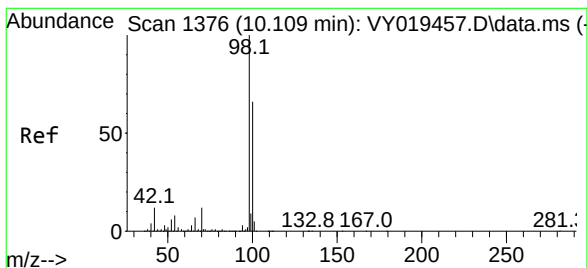
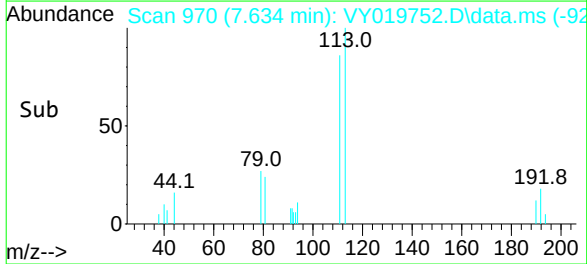
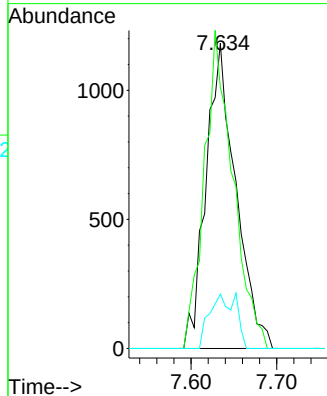
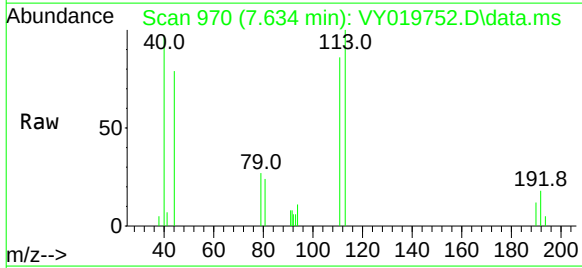
Tgt Ion:113 Resp: 2863

Ion Ratio Lower Upper

113 100

111 99.9 82.2 123.4

192 0.0 15.9 23.9#



#50

Toluene-d8

Concen: 48.541 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY019752.D

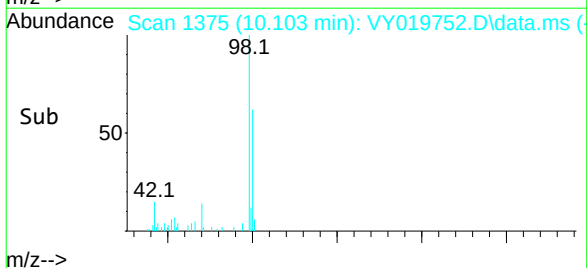
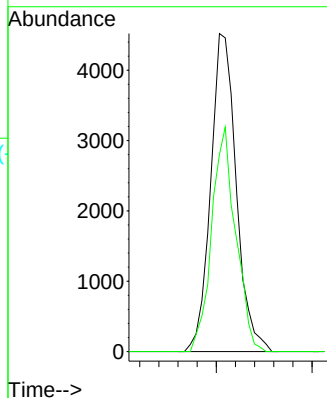
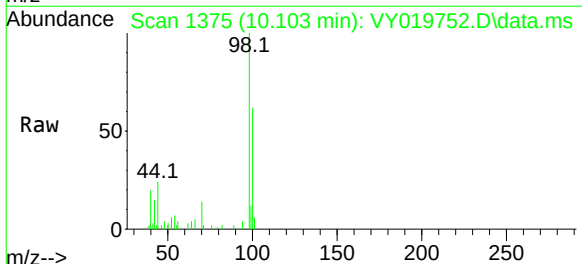
Acq: 01 Oct 2024 19:31

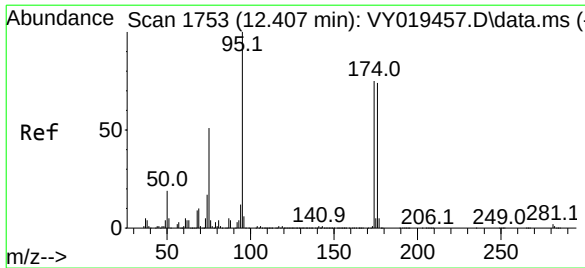
Tgt Ion: 98 Resp: 8382

Ion Ratio Lower Upper

98 100

100 66.4 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 23.812 ug/l

RT: 12.402 min Scan# 17

Delta R.T. -0.006 min

Lab File: VY019752.D

Acq: 01 Oct 2024 19:31

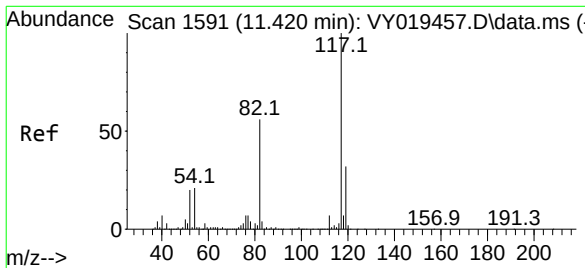
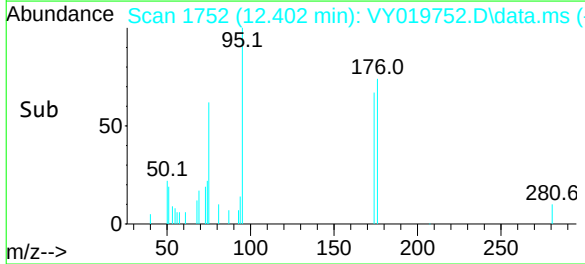
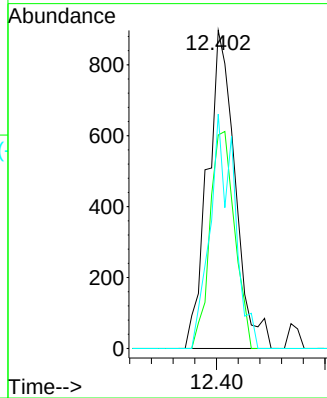
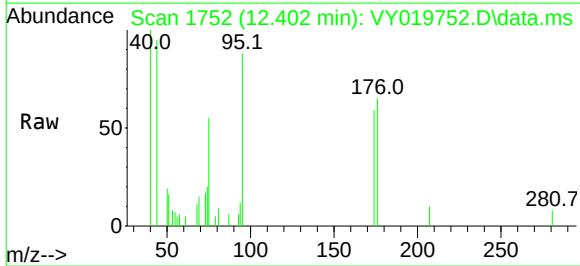
Instrument :

MSVOA_Y

ClientSampleId :

TP1-VOC

Tgt Ion:	95	Resp:	1581
Ion	Ratio	Lower	Upper
95	100		
174	61.2	0.0	175.6
176	65.1	0.0	171.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

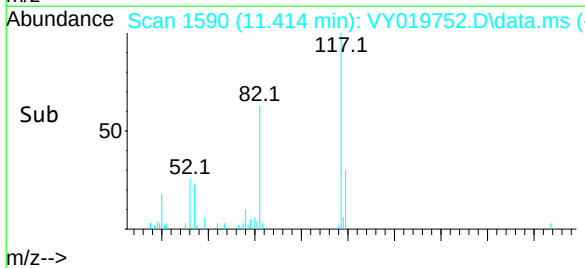
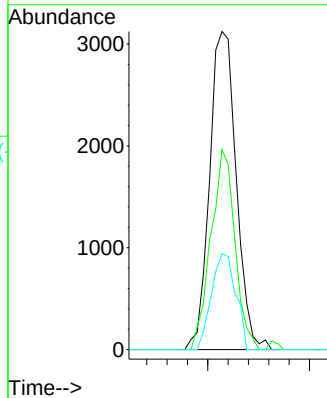
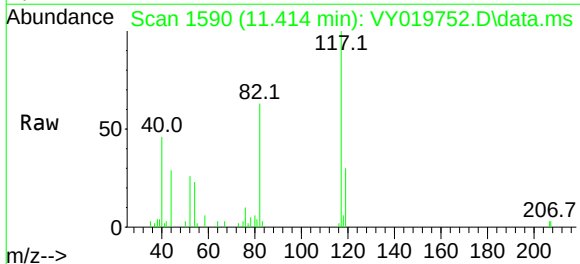
RT: 11.414 min Scan# 1590

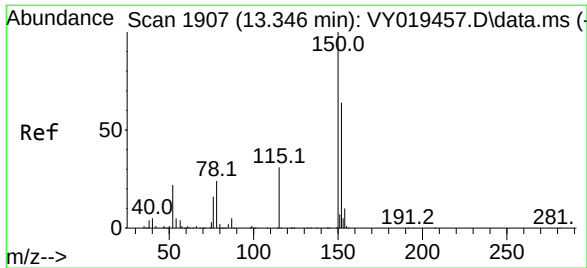
Delta R.T. -0.006 min

Lab File: VY019752.D

Acq: 01 Oct 2024 19:31

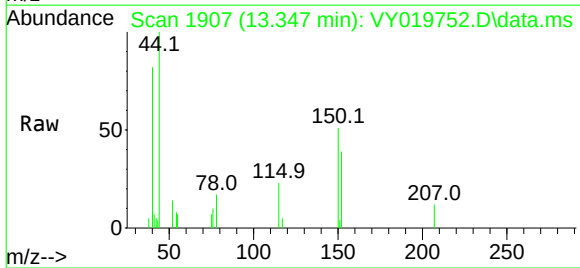
Tgt Ion:	117	Resp:	5677
Ion	Ratio	Lower	Upper
117	100		
82	62.9	42.4	63.6
119	30.1	25.9	38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.347 min Scan# 19
 Delta R.T. 0.000 min
 Lab File: VY019752.D
 Acq: 01 Oct 2024 19:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP1-VOC



Tgt Ion:	152	Resp:	865
Ion	Ratio	Lower	Upper
152	100		
115	74.6	28.2	84.7
150	138.0	0.0	345.6

