

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100224\
 Data File : VY019766.D
 Acq On : 02 Oct 2024 15:47
 Operator : SY/MD
 Sample : P4242-03
 Misc : 4.16g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-Q-VOC

Quant Time: Oct 03 02:03:54 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)

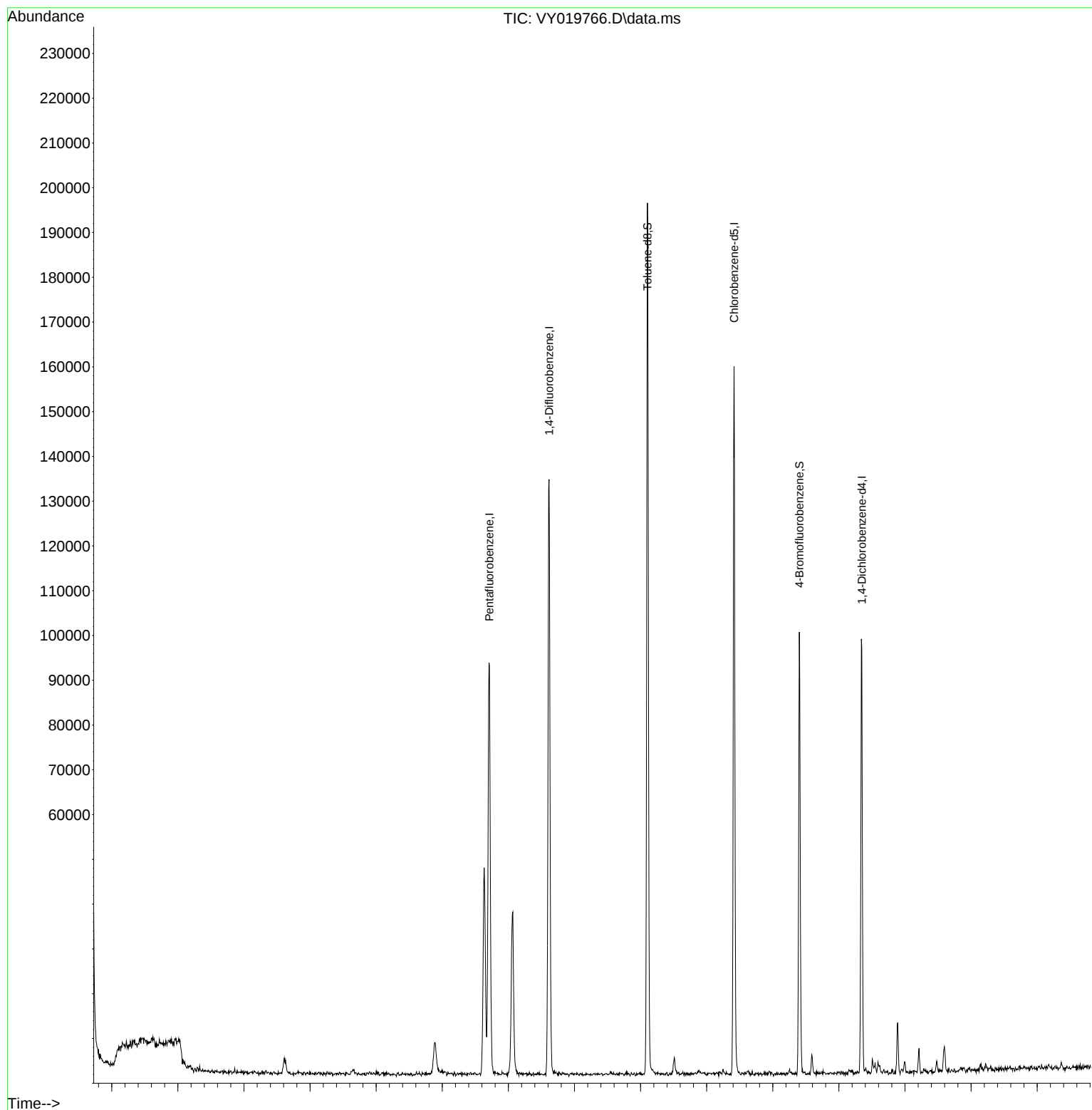
Internal Standards						
1) Pentafluorobenzene	7.713	168	69308	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	114158	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	82043	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	23211	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	28748	44.794	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.580%
35) Dibromofluoromethane	7.634	113	33132	51.188	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.380%
50) Toluene-d8	10.103	98	125315	52.344	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	104.680%
62) 4-Bromofluorobenzene	12.401	95	31675	34.410	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	68.820%
Target Compounds						
78) n-propylbenzene	12.590	91	3178	1.592	ug/l	Qvalue 100

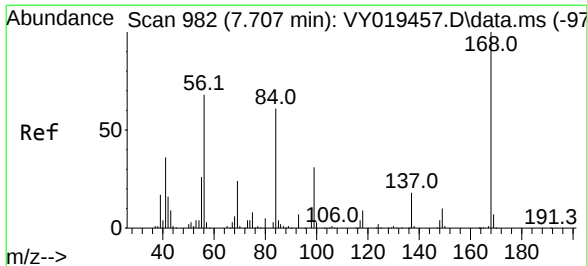
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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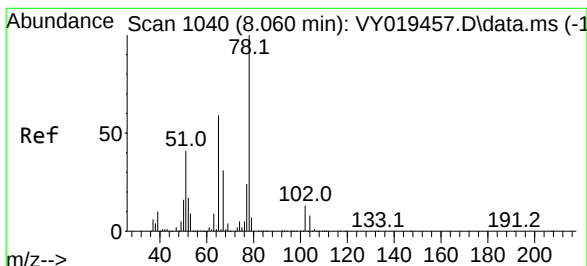
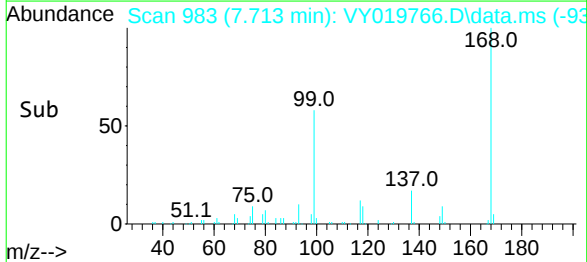
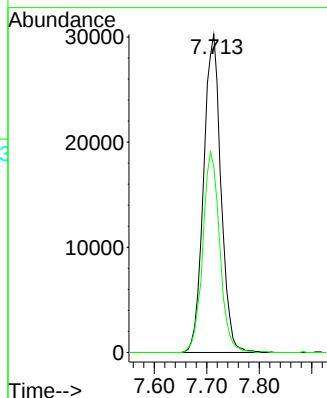
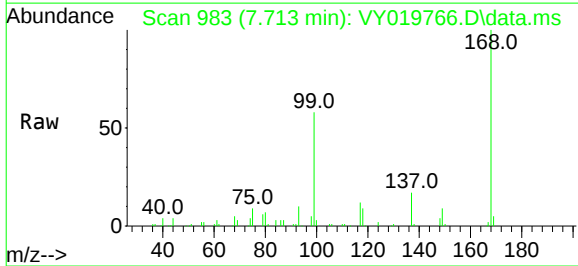




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.006 min
Lab File: VY019766.D
Acq: 02 Oct 2024 15:47

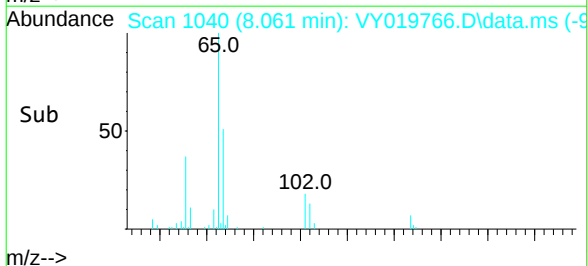
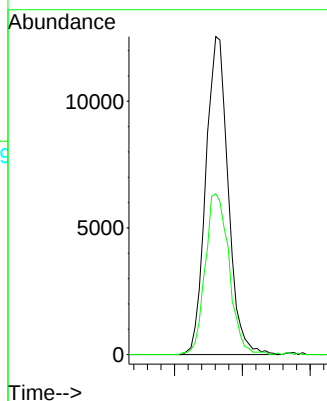
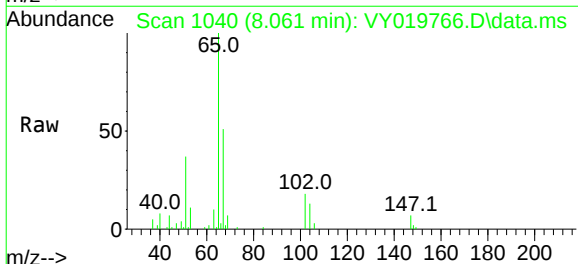
Instrument :
MSVOA_Y
ClientSampleId :
TP-Q-VOC

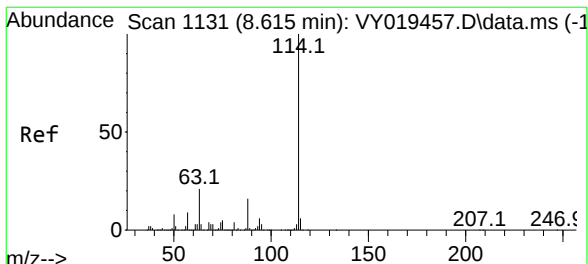
Tgt Ion:168 Resp: 69308
Ion Ratio Lower Upper
168 100
99 58.5 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 44.794 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019766.D
Acq: 02 Oct 2024 15:47

Tgt Ion: 65 Resp: 28748
Ion Ratio Lower Upper
65 100
67 54.0 0.0 109.6

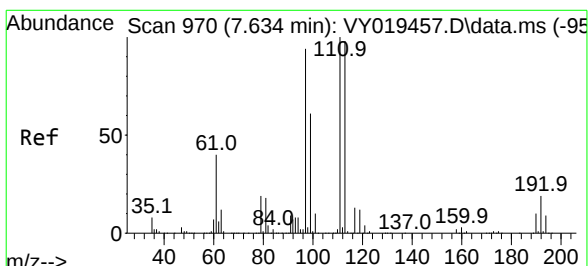
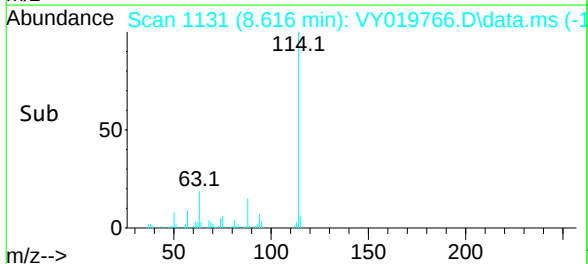
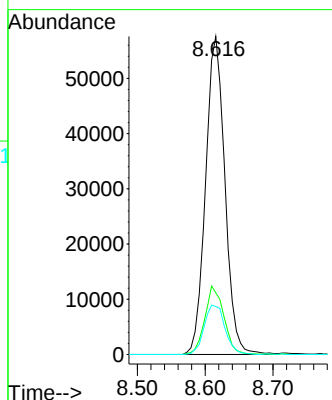
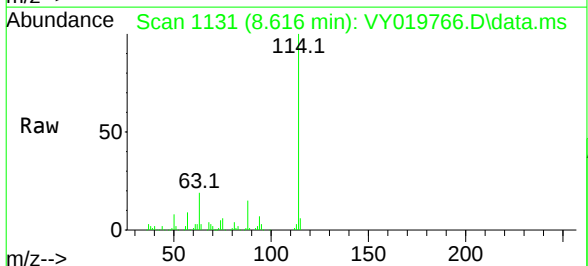




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY019766.D
 Acq: 02 Oct 2024 15:47

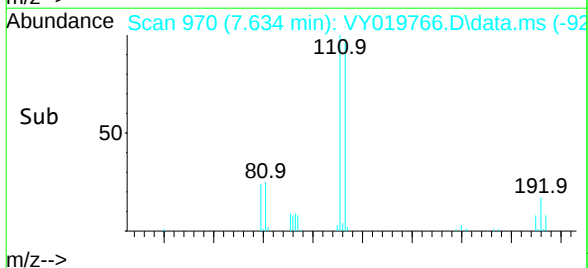
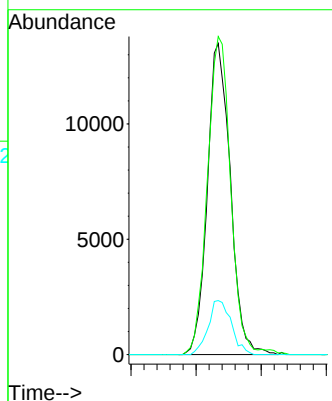
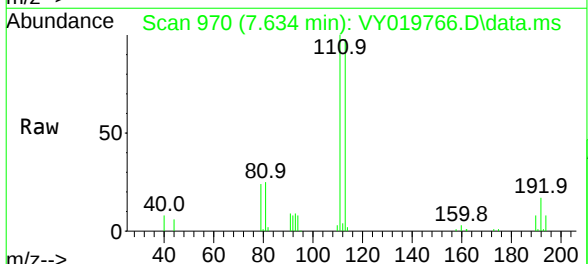
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-Q-VOC

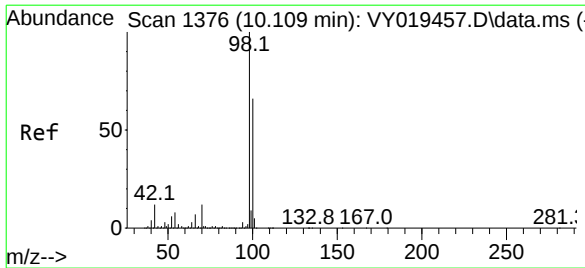
Tgt Ion:	114	Resp:	114158
Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	35.0
88	15.1	0.0	27.2



#35
 Dibromofluoromethane
 Concen: 51.188 ug/l
 RT: 7.634 min Scan# 970
 Delta R.T. 0.000 min
 Lab File: VY019766.D
 Acq: 02 Oct 2024 15:47

Tgt Ion:	113	Resp:	33132
Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.2	123.4
192	17.5	15.9	23.9





#50

Toluene-d8

Concen: 52.344 ug/l

RT: 10.103 min Scan# 13

Delta R.T. -0.006 min

Lab File: VY019766.D

Acq: 02 Oct 2024 15:47

Instrument :

MSVOA_Y

ClientSampleId :

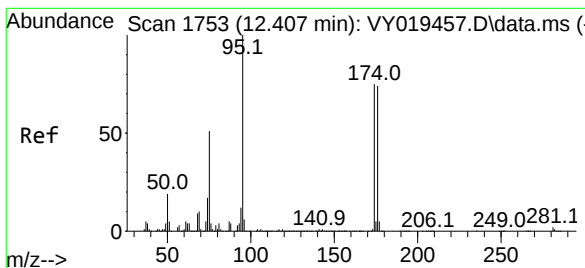
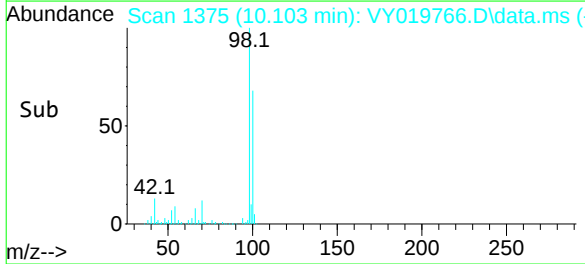
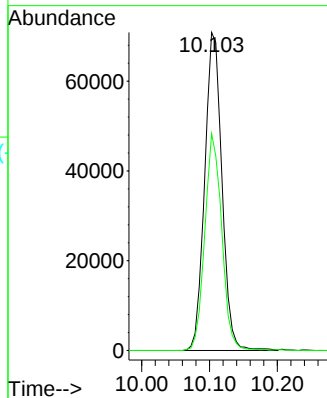
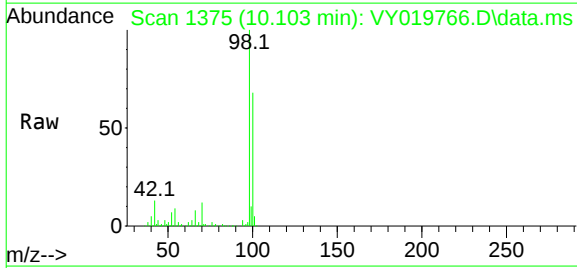
TP-Q-VOC

Tgt Ion: 98 Resp: 125315

Ion Ratio Lower Upper

98 100

100 67.0 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 34.410 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.006 min

Lab File: VY019766.D

Acq: 02 Oct 2024 15:47

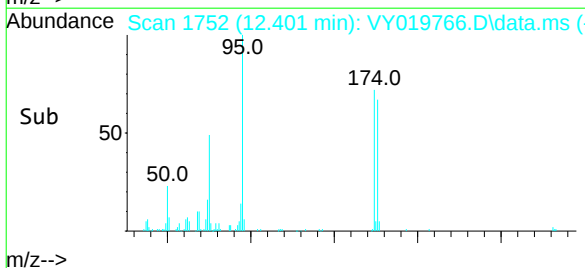
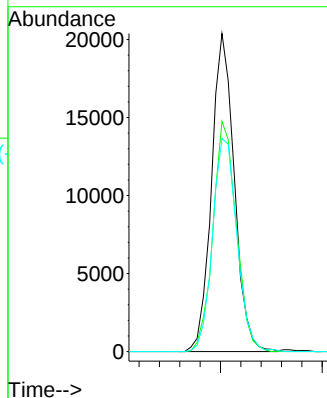
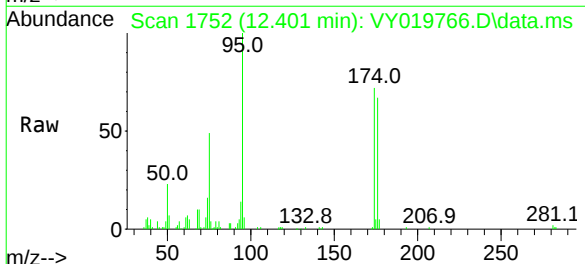
Tgt Ion: 95 Resp: 31675

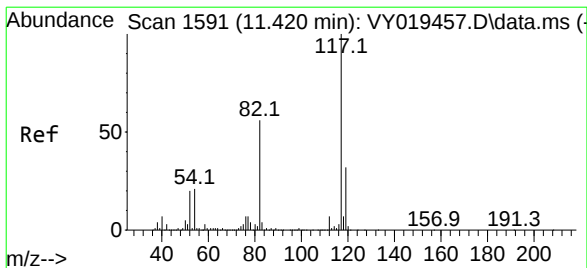
Ion Ratio Lower Upper

95 100

174 74.2 0.0 175.6

176 71.9 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1591

Delta R.T. -0.006 min

Lab File: VY019766.D

Acq: 02 Oct 2024 15:47

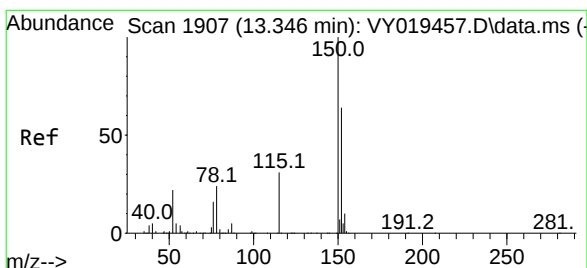
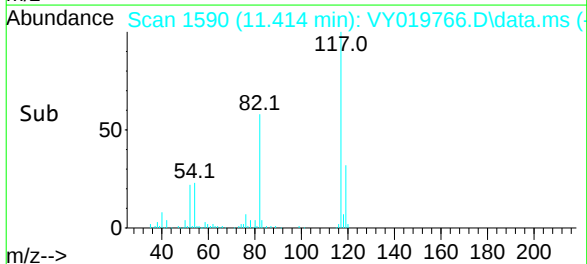
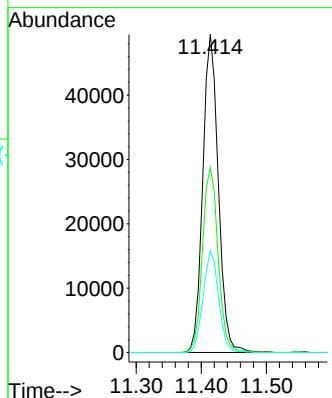
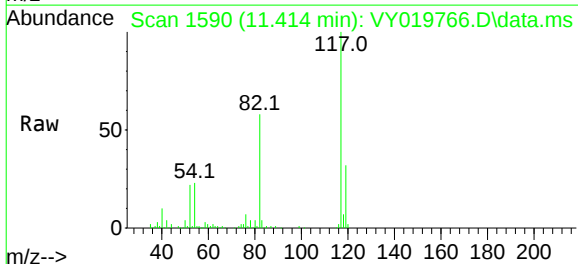
Instrument :

MSVOA_Y

ClientSampleId :

TP-Q-VOC

Tgt Ion:	117	Resp:	82043
Ion	Ratio	Lower	Upper
117	100		
82	58.1	42.4	63.6
119	32.0	25.9	38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

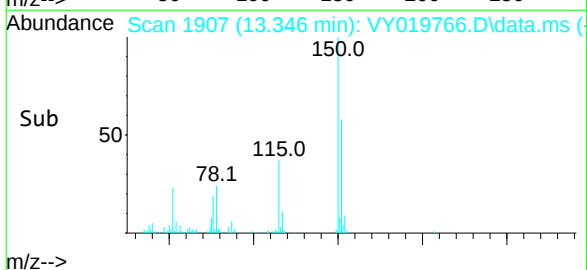
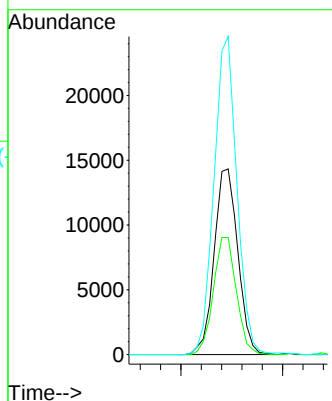
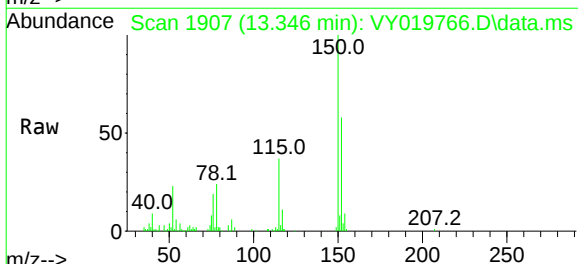
RT: 13.346 min Scan# 1907

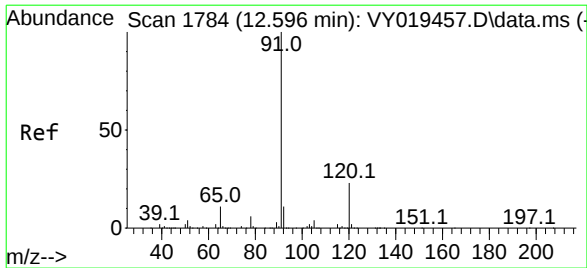
Delta R.T. 0.000 min

Lab File: VY019766.D

Acq: 02 Oct 2024 15:47

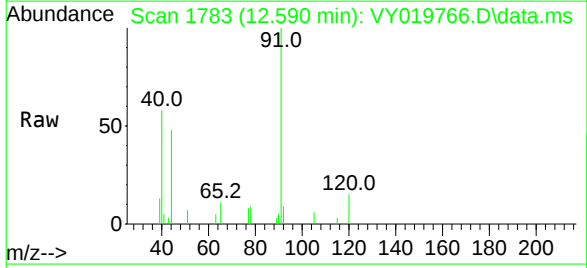
Tgt Ion:	152	Resp:	23211
Ion	Ratio	Lower	Upper
152	100		
115	61.1	28.2	84.7
150	165.9	0.0	345.6





#78
 n-propylbenzene
 Concen: 1.592 ug/l
 RT: 12.590 min Scan# 17
 Delta R.T. -0.006 min
 Lab File: VY019766.D
 Acq: 02 Oct 2024 15:47

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-Q-VOC



Tgt Ion: 91 Resp: 3178
 Ion Ratio Lower Upper
 91 100
 120 23.1 11.5 34.4

