

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100224\
 Data File : VY019763.D
 Acq On : 02 Oct 2024 14:36
 Operator : SY/MD
 Sample : P4236-02
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP4-VOC

Quant Time: Oct 03 02:02:10 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	1785	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	3572	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	1613	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	556	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	1815	109.809	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 219.620%#	
35) Dibromofluoromethane	7.634	113	1332	65.769	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 131.540%	
50) Toluene-d8	10.115	98	3333	44.494	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 88.980%	
62) 4-Bromofluorobenzene	12.414	95	399	13.853	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 27.700%#	

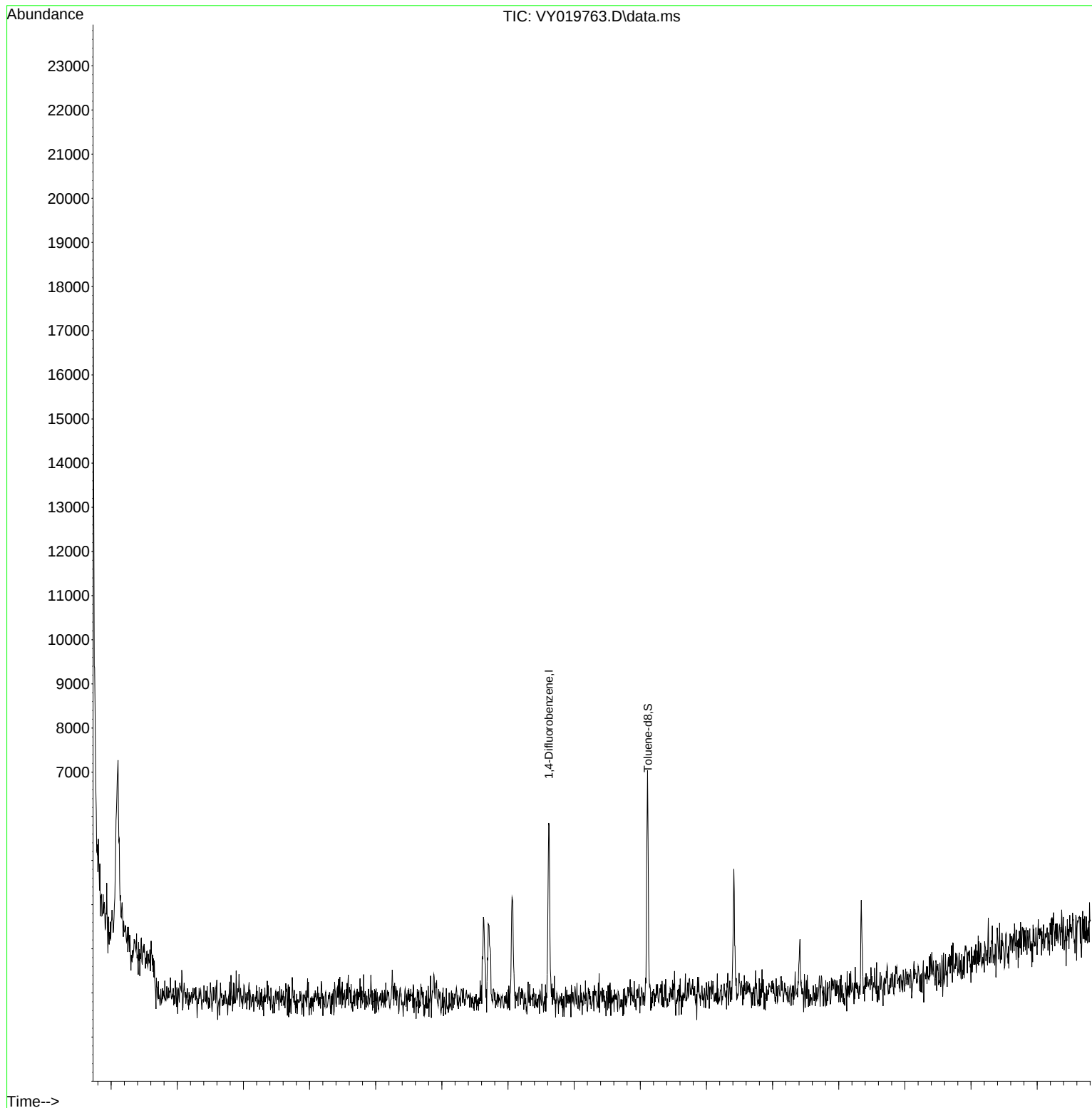
Target Compounds Qvalue

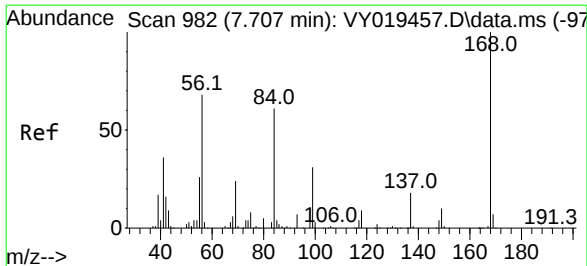
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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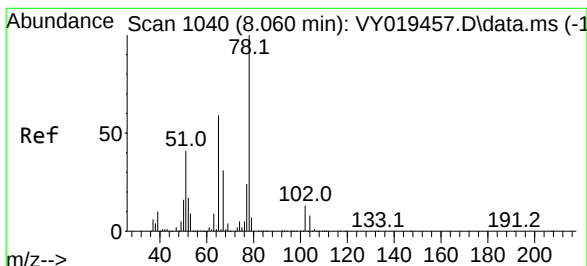
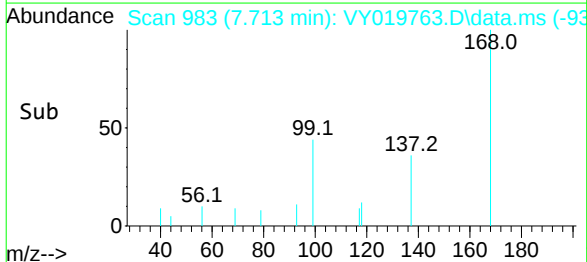
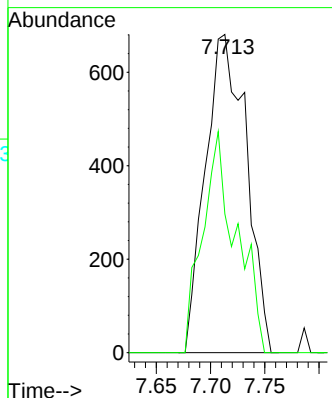
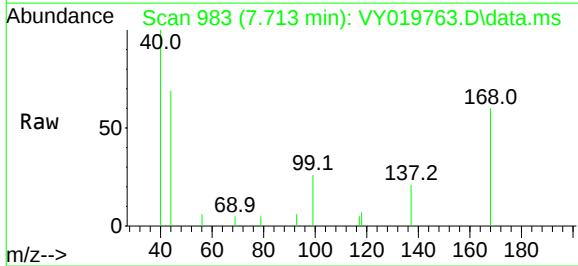




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.006 min
Lab File: VY019763.D
Acq: 02 Oct 2024 14:36

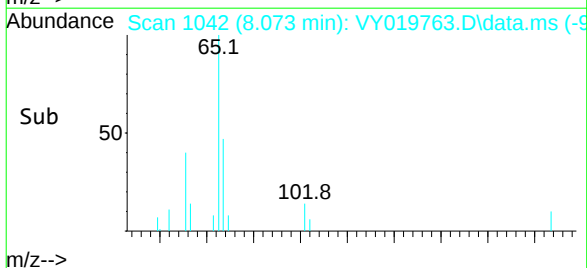
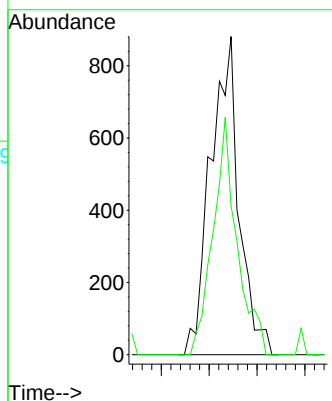
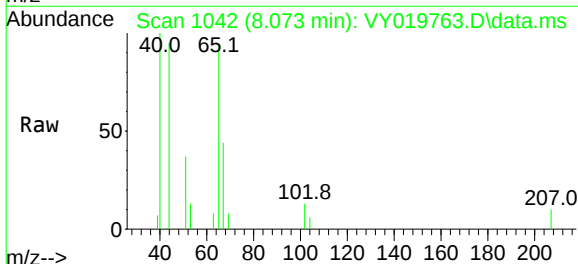
Instrument :
MSVOA_Y
ClientSampleId :
TP4-VOC

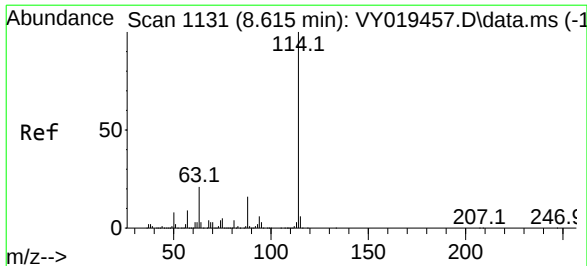
Tgt Ion: 168 Resp: 1785
Ion Ratio Lower Upper
168 100
99 43.6 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 109.809 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. 0.012 min
Lab File: VY019763.D
Acq: 02 Oct 2024 14:36

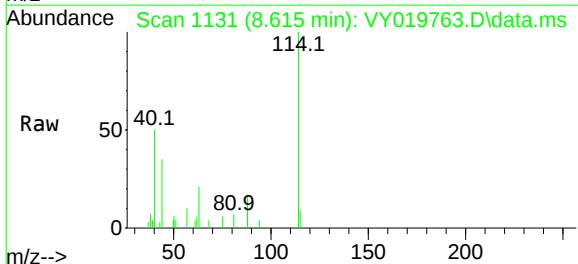
Tgt Ion: 65 Resp: 1815
Ion Ratio Lower Upper
65 100
67 63.1 0.0 109.6



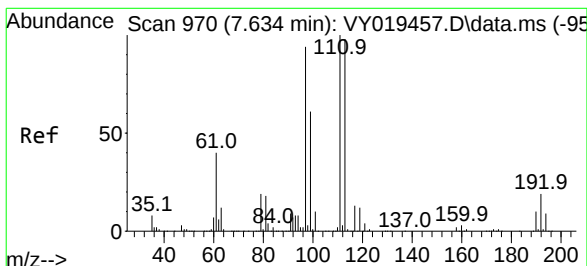
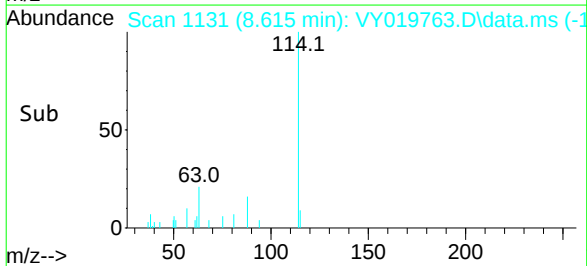
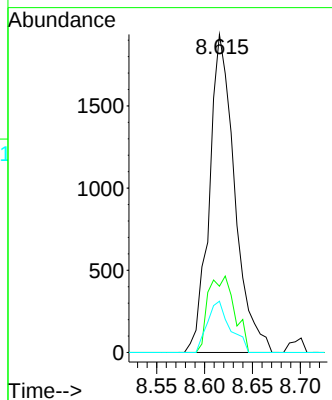


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY019763.D
Acq: 02 Oct 2024 14:36

Instrument :
MSVOA_Y
ClientSampleId :
TP4-VOC

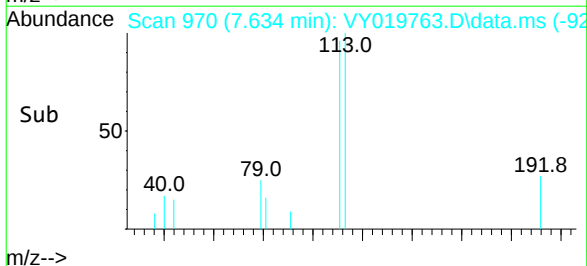
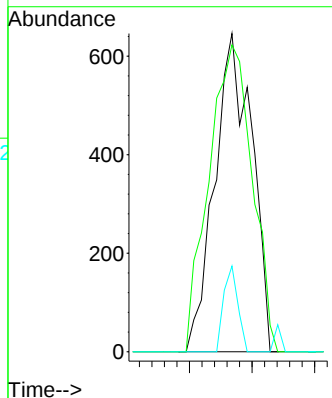
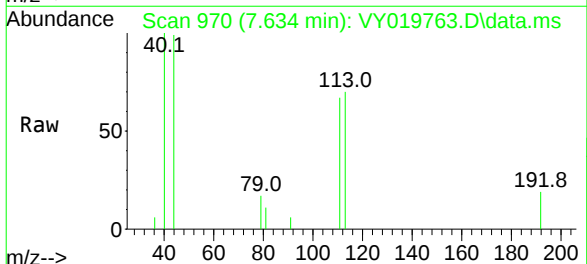


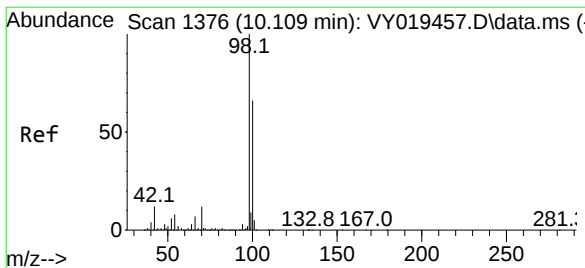
Tgt Ion:	114	Resp:	3572
Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	35.0
88	16.1	0.0	27.2



#35
Dibromofluoromethane
Concen: 65.769 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY019763.D
Acq: 02 Oct 2024 14:36

Tgt Ion:	113	Resp:	1332
Ion	Ratio	Lower	Upper
113	100		
111	112.4	82.2	123.4
192	10.3	15.9	23.9





#50

Toluene-d8

Concen: 44.494 ug/l

RT: 10.115 min Scan# 13

Delta R.T. 0.006 min

Lab File: VY019763.D

Acq: 02 Oct 2024 14:36

Instrument :

MSVOA_Y

ClientSampleId :

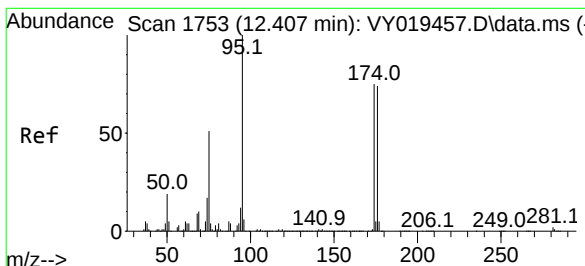
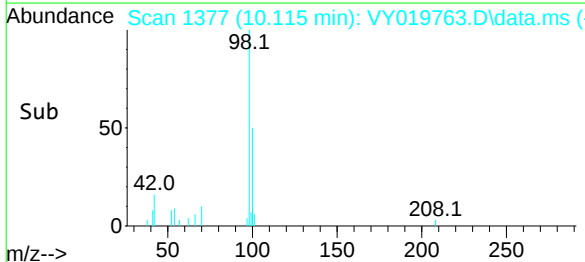
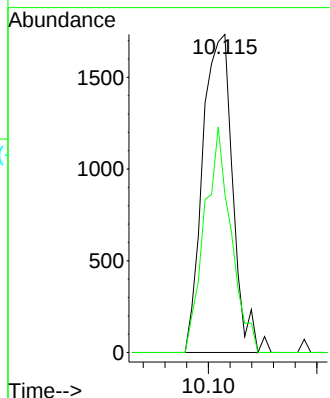
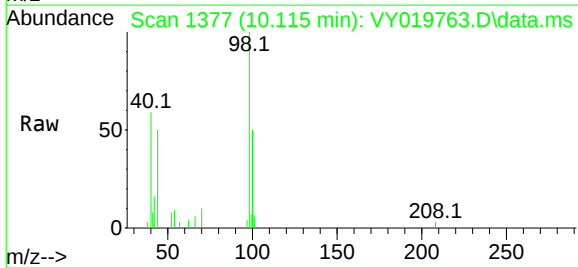
TP4-VOC

Tgt Ion: 98 Resp: 3333

Ion Ratio Lower Upper

98 100

100 62.6 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 13.853 ug/l

RT: 12.414 min Scan# 1754

Delta R.T. 0.006 min

Lab File: VY019763.D

Acq: 02 Oct 2024 14:36

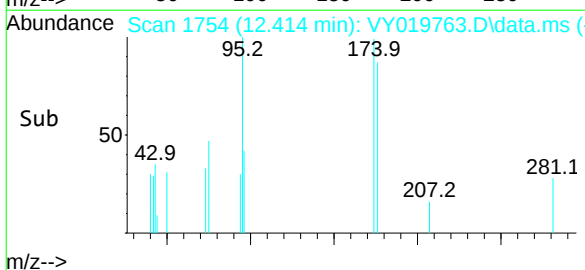
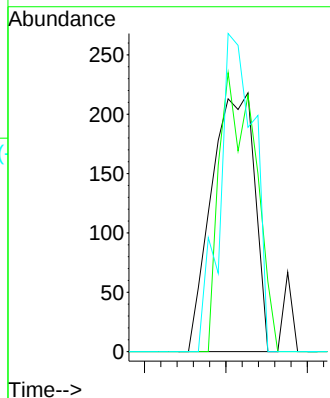
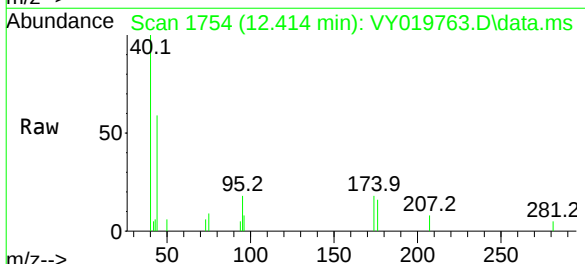
Tgt Ion: 95 Resp: 399

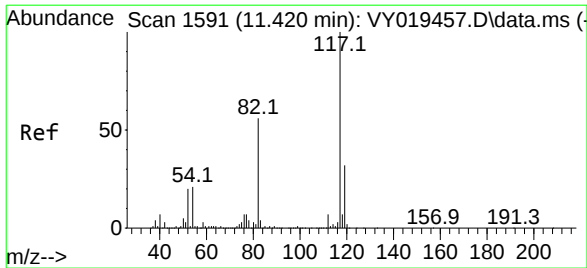
Ion Ratio Lower Upper

95 100

174 90.5 0.0 175.6

176 98.7 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: VY019763.D

Acq: 02 Oct 2024 14:36

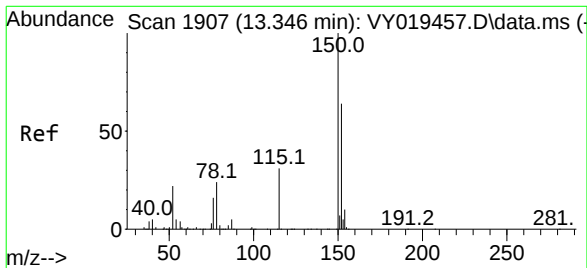
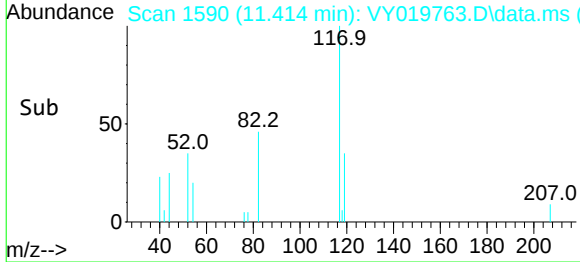
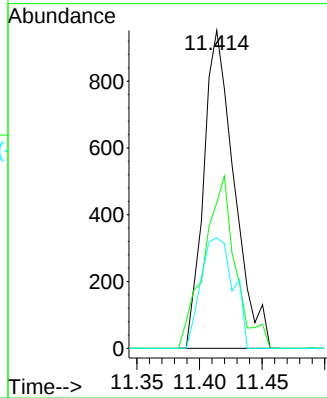
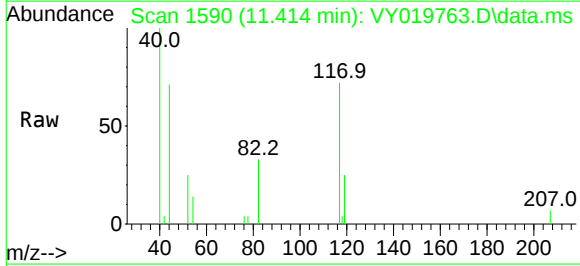
Instrument :

MSVOA_Y

ClientSampleId :

TP4-VOC

Tgt Ion:	117	Resp:	1613
Ion	Ratio	Lower	Upper
117	100		
82	45.8	42.4	63.6
119	34.8	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: VY019763.D

Acq: 02 Oct 2024 14:36

Tgt Ion:	152	Resp:	556
Ion	Ratio	Lower	Upper
152	100		
115	50.0	28.2	84.7
150	161.3	0.0	345.6

