

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100324\
 Data File : VY019781.D
 Acq On : 03 Oct 2024 12:34
 Operator : SY/MD
 Sample : P4242-03
 Misc : 5.36g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-Q-VOC

Quant Time: Oct 04 01:25:33 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	260107	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	503207	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	445475	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	164584	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	155126	64.407	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 128.820%	
35) Dibromofluoromethane	7.634	113	160254	56.169	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.340%	
50) Toluene-d8	10.103	98	599179	56.779	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 113.560%	
62) 4-Bromofluorobenzene	12.401	95	192559	47.455	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 94.920%	

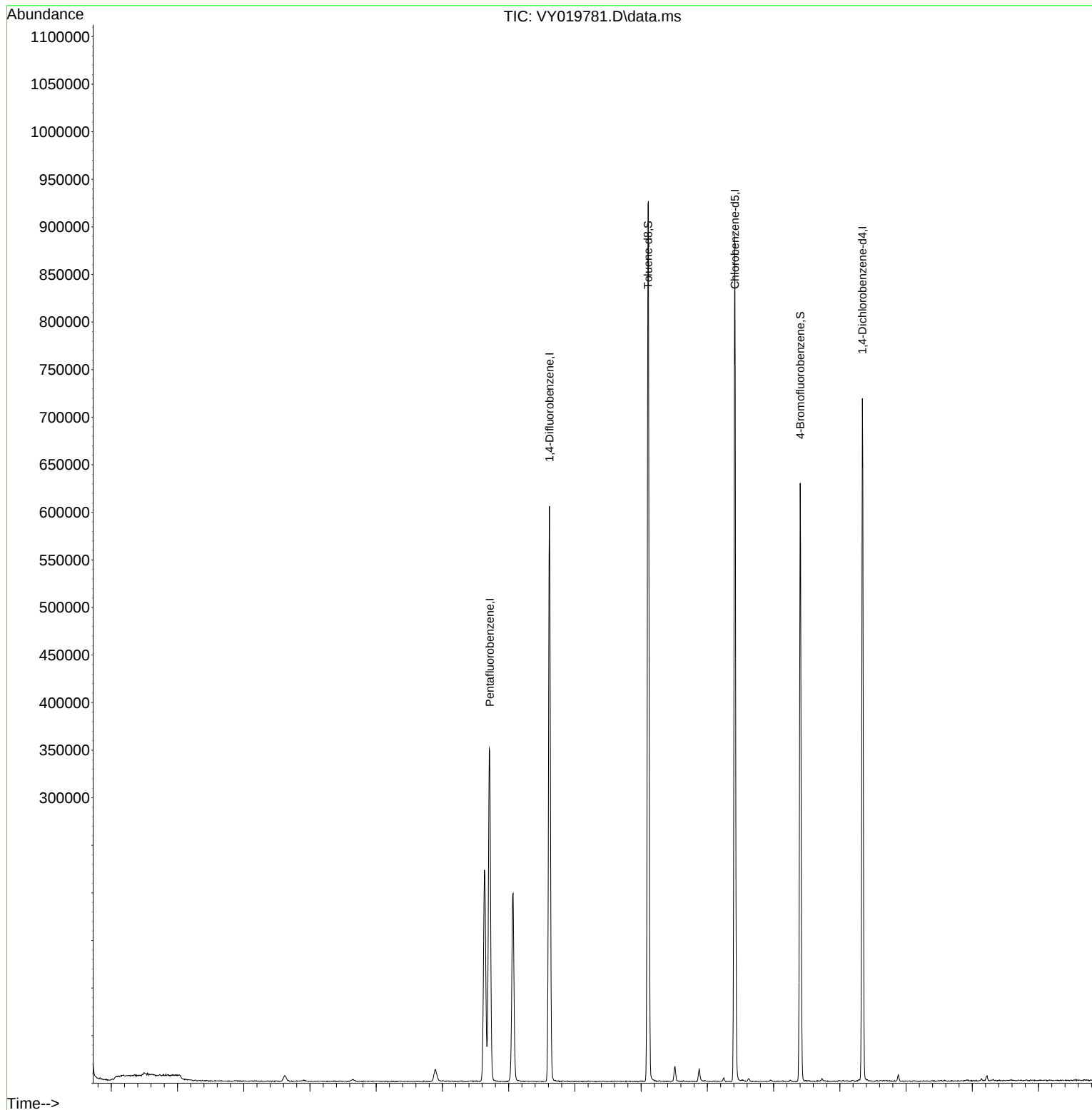
Target Compounds Qvalue

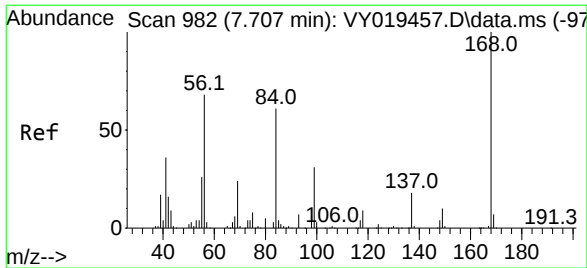
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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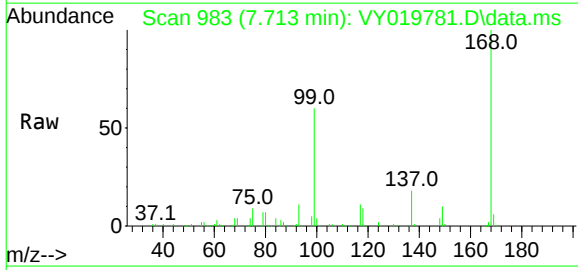
Quant Time: Oct 04 01:25:33 2024
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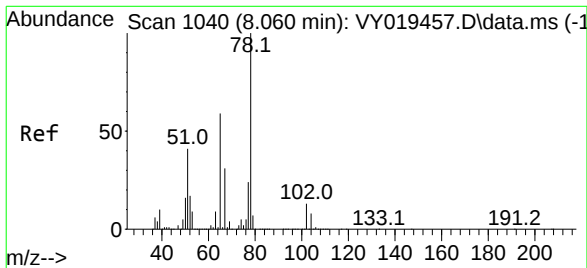
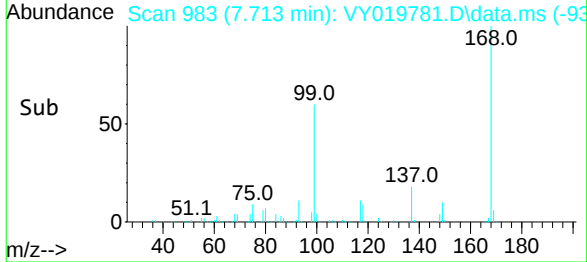
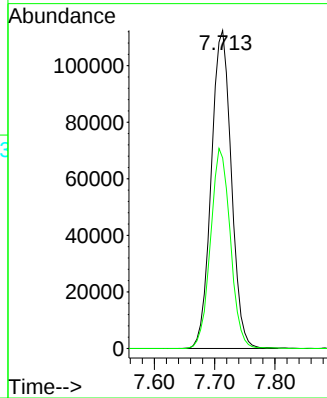


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.006 min
Lab File: VY019781.D
Acq: 03 Oct 2024 12:34

Instrument :
MSVOA_Y
ClientSampleId :
TP-Q-VOC

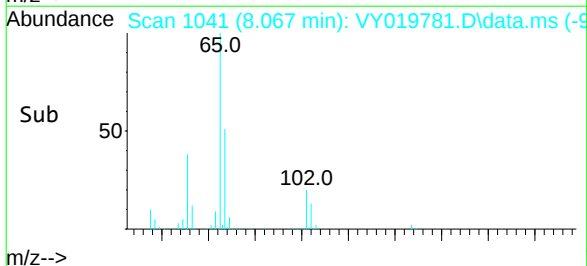
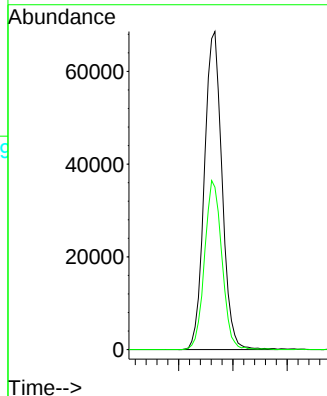
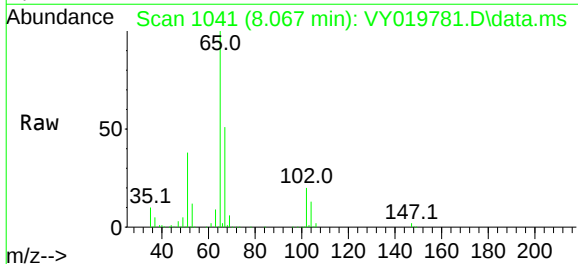


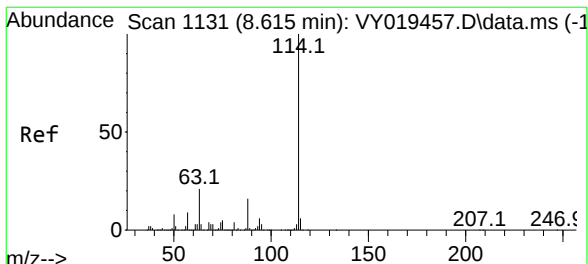
Tgt Ion:168 Resp: 260107
Ion Ratio Lower Upper
168 100
99 59.9 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 64.407 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY019781.D
Acq: 03 Oct 2024 12:34

Tgt Ion: 65 Resp: 155126
Ion Ratio Lower Upper
65 100
67 52.1 0.0 109.6

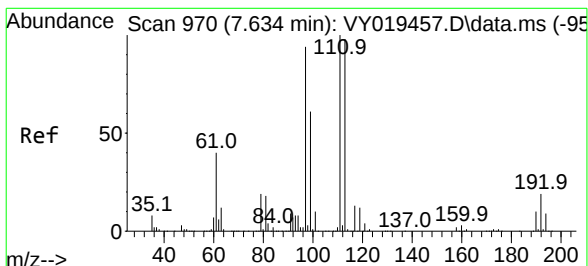
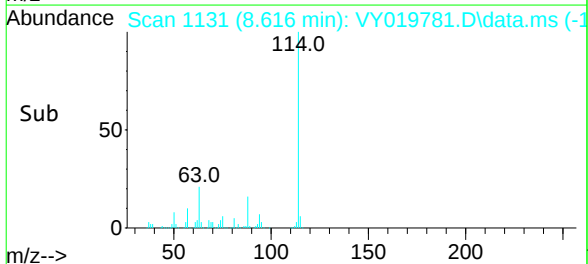
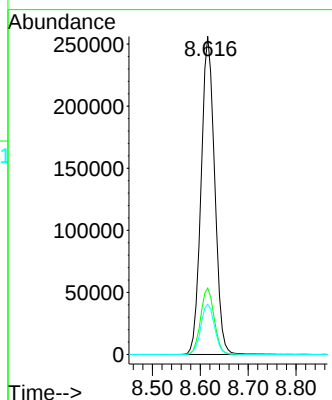
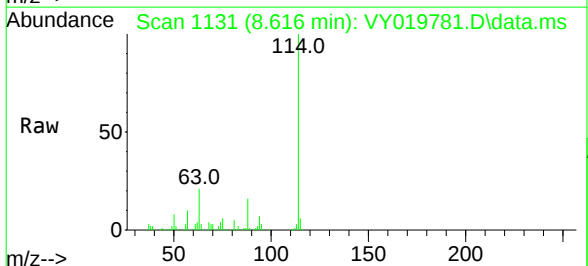




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY019781.D
 Acq: 03 Oct 2024 12:34

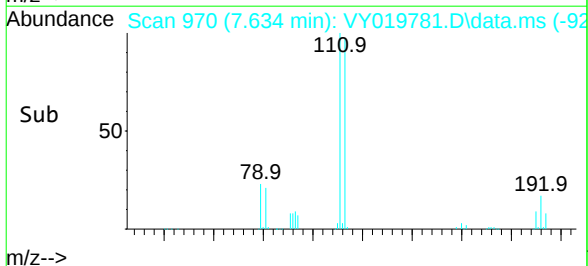
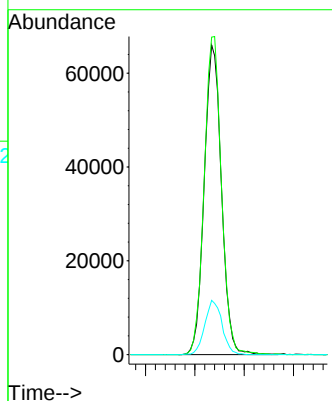
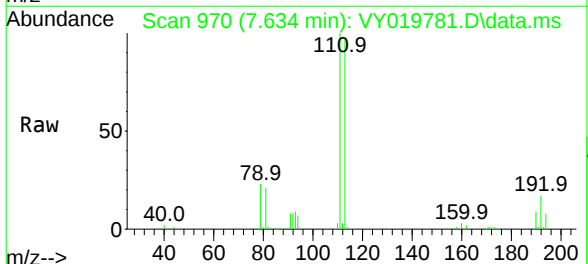
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-Q-VOC

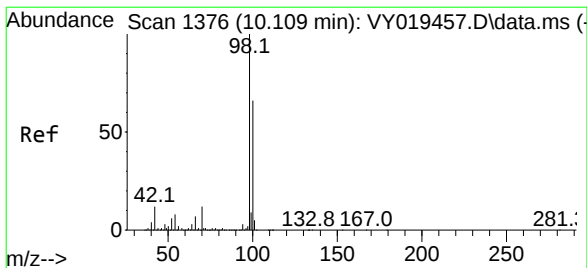
Tgt Ion:	114	Resp:	503207
Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	35.0
88	15.8	0.0	27.2



#35
 Dibromofluoromethane
 Concen: 56.169 ug/l
 RT: 7.634 min Scan# 970
 Delta R.T. 0.000 min
 Lab File: VY019781.D
 Acq: 03 Oct 2024 12:34

Tgt Ion:	113	Resp:	160254
Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.2	123.4
192	17.5	15.9	23.9





#50

Toluene-d8

Concen: 56.779 ug/l

RT: 10.103 min Scan# 1376

Delta R.T. -0.006 min

Lab File: VY019781.D

Acq: 03 Oct 2024 12:34

Instrument :

MSVOA_Y

ClientSampleId :

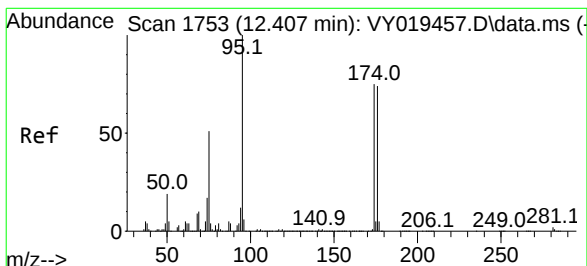
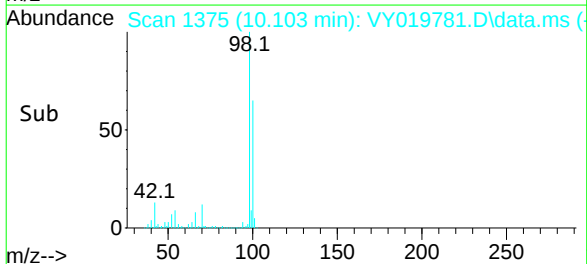
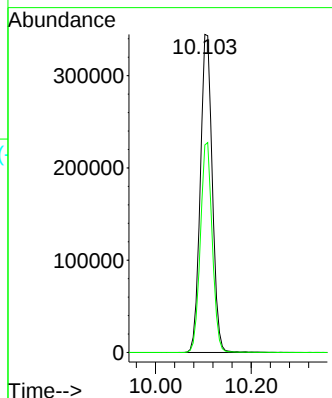
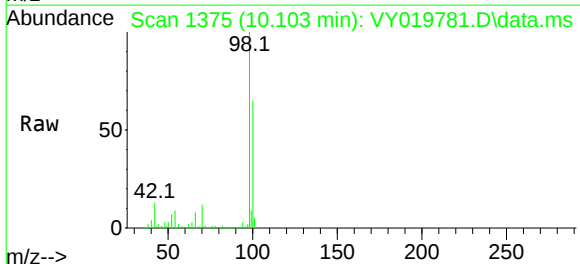
TP-Q-VOC

Tgt Ion: 98 Resp: 599179

Ion Ratio Lower Upper

98 100

100 65.5 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 47.455 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.006 min

Lab File: VY019781.D

Acq: 03 Oct 2024 12:34

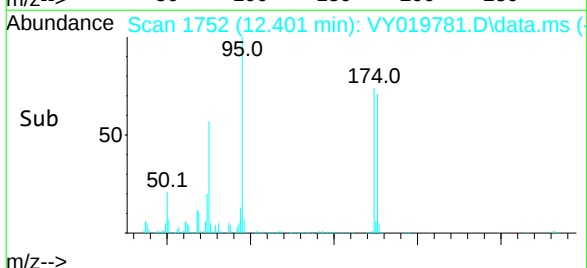
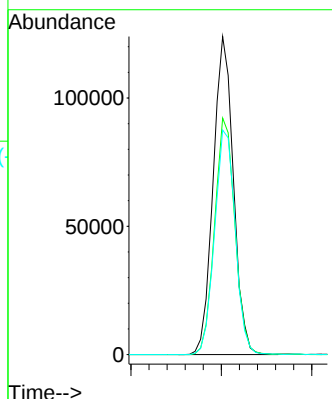
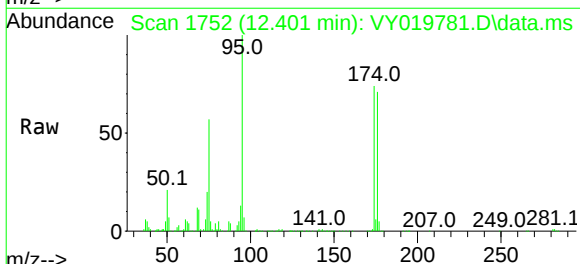
Tgt Ion: 95 Resp: 192559

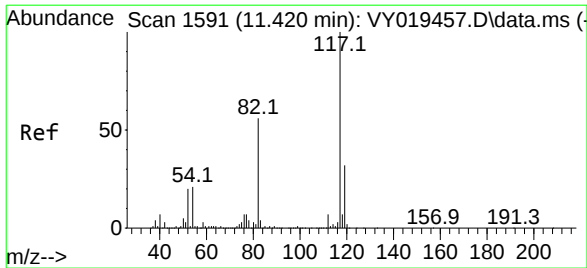
Ion Ratio Lower Upper

95 100

174 74.6 0.0 175.6

176 72.0 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 15

Delta R.T. -0.006 min

Lab File: VY019781.D

Acq: 03 Oct 2024 12:34

Instrument :

MSVOA_Y

ClientSampleId :

TP-Q-VOC

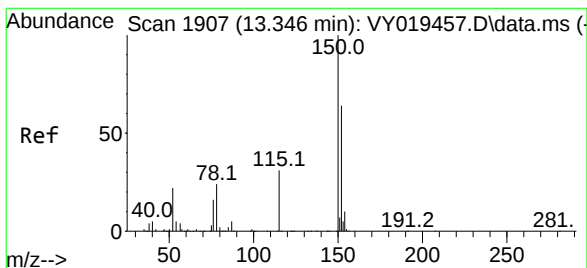
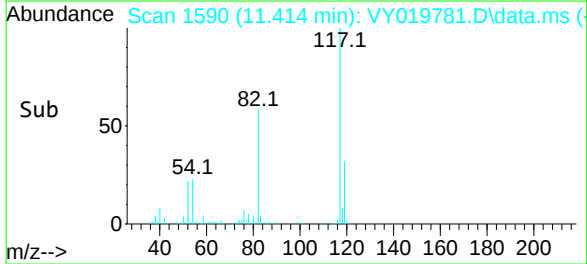
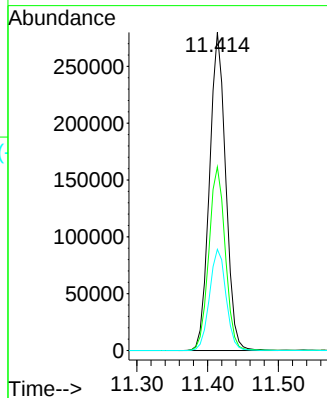
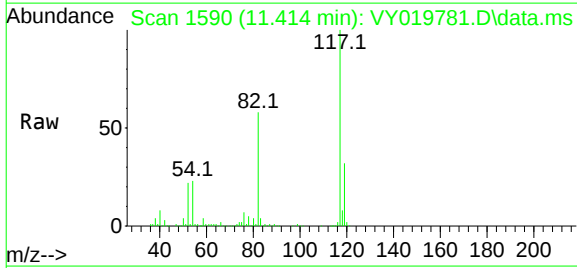
Tgt Ion:117 Resp: 445475

Ion	Ratio	Lower	Upper
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117	100		
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82	57.7	42.4	63.6
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119	31.8	25.9	38.9
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.340 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VY019781.D

Acq: 03 Oct 2024 12:34

Tgt Ion:152 Resp: 164584

Ion	Ratio	Lower	Upper
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152	100		
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115	62.4	28.2	84.7
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150	160.6	0.0	345.6
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