

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090924\
 Data File : VY019473.D
 Acq On : 09 Sep 2024 18:17
 Operator : SY/MD
 Sample : P3906-15
 Misc : 3.31g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-701-VOC-03

Quant Time: Sep 10 01:50:35 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	7.707	168	386534	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	692051	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	576898	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	204652	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	200529	56.026	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.060%	
35) Dibromofluoromethane	7.634	113	210568	53.664	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.320%	
50) Toluene-d8	10.109	98	804763	55.450	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 110.900%	
62) 4-Bromofluorobenzene	12.408	95	248917	44.605	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 89.220%	

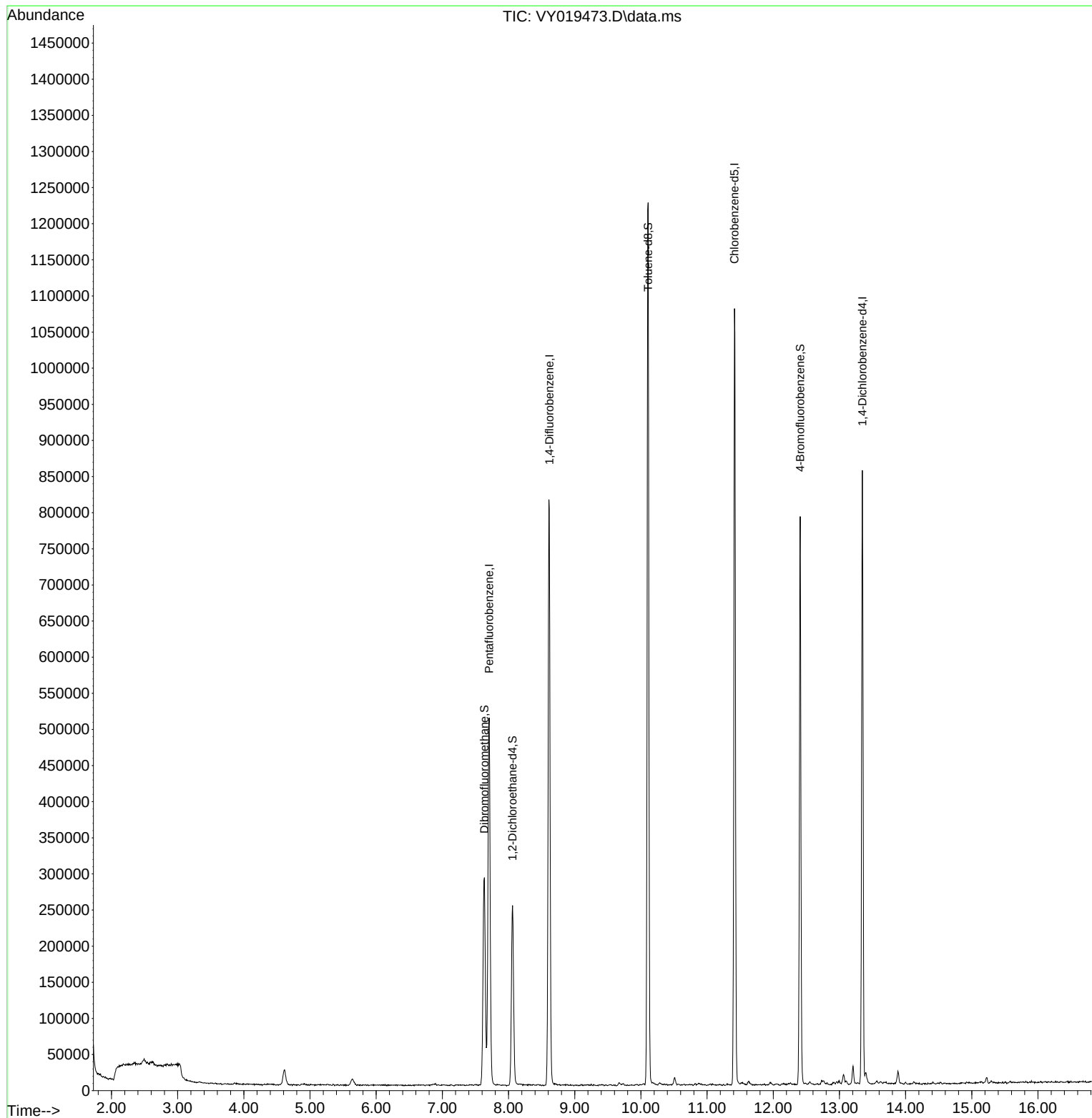
Target Compounds	Qvalue

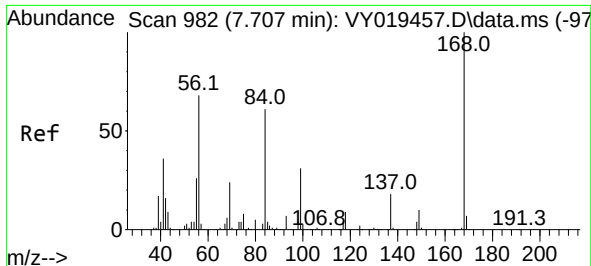
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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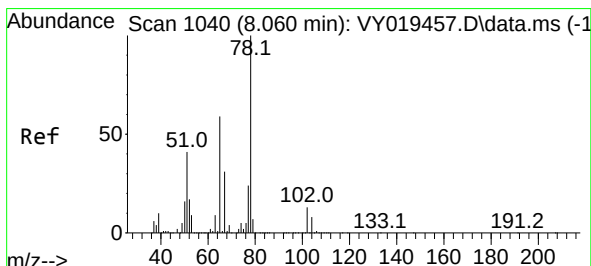
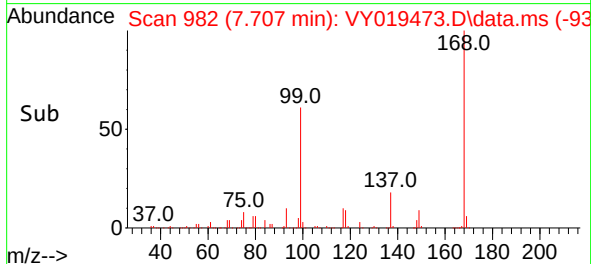
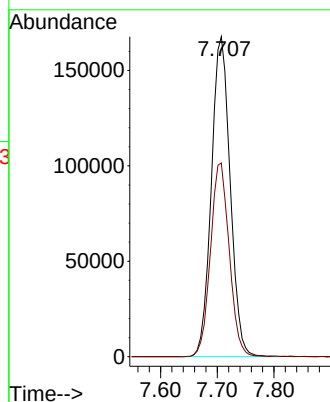
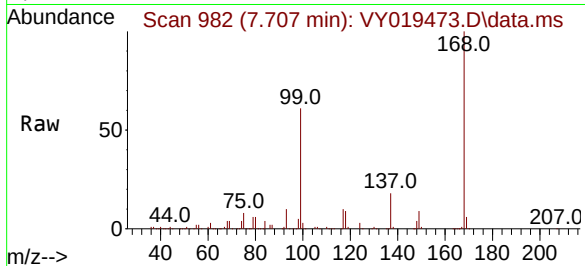




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019473.D
Acq: 09 Sep 2024 18:17

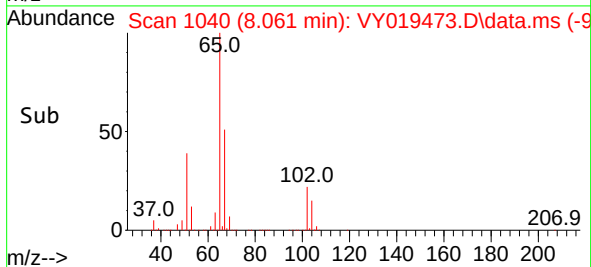
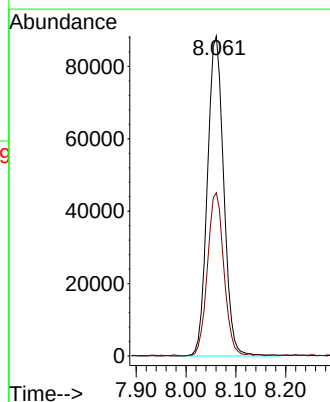
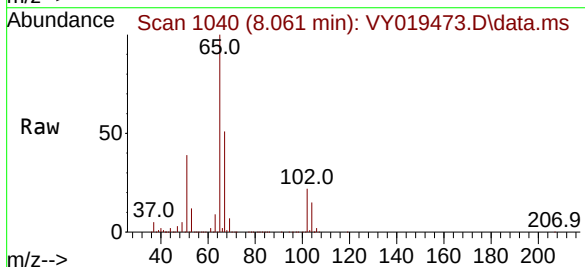
Instrument :
MSVOA_Y
ClientSampleId :
SU-701-VOC-03

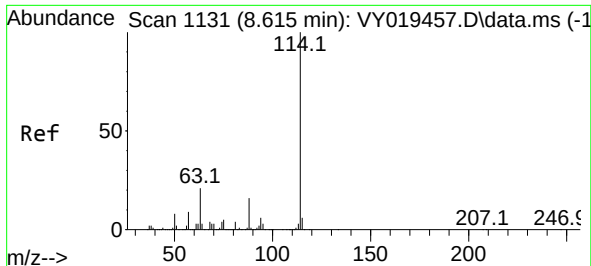
Tgt Ion:168 Resp: 386534
Ion Ratio Lower Upper
168 100
99 60.5 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 56.026 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019473.D
Acq: 09 Sep 2024 18:17

Tgt Ion: 65 Resp: 200529
Ion Ratio Lower Upper
65 100
67 51.7 0.0 109.6

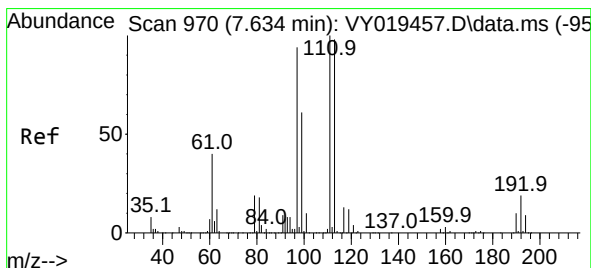
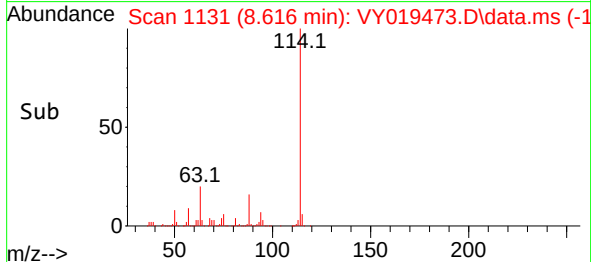
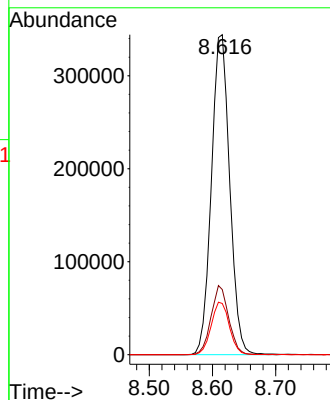
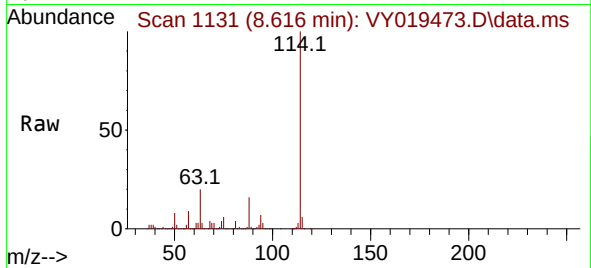




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY019473.D
Acq: 09 Sep 2024 18:17

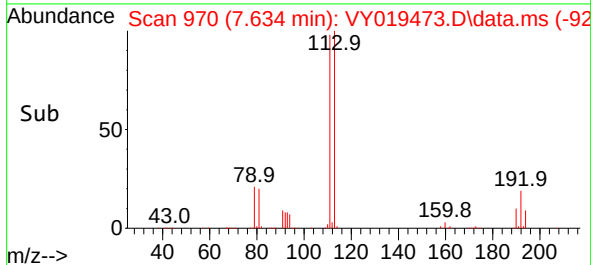
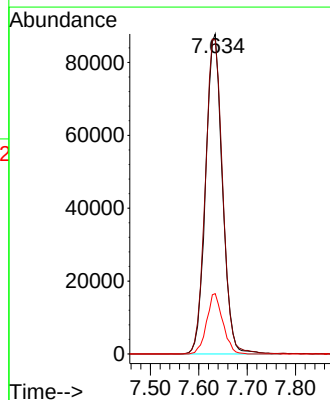
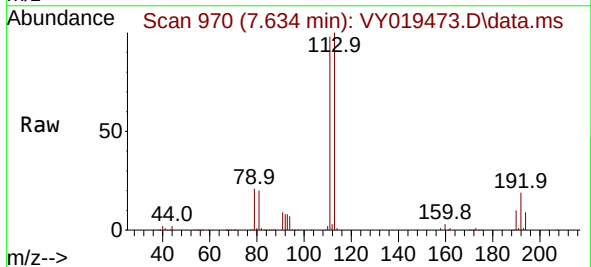
Instrument :
MSVOA_Y
ClientSampleId :
SU-701-VOC-03

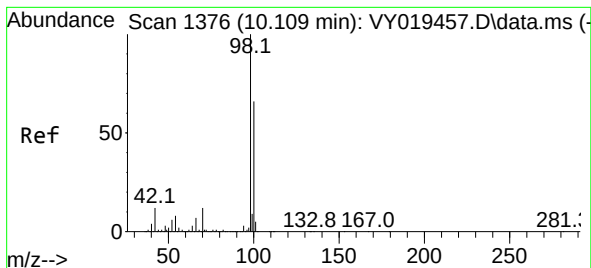
Tgt Ion:	114	Resp:	692051
Ion Ratio	Lower	Upper	
114	100		
63	20.3	0.0	35.0
88	16.0	0.0	27.2



#35
Dibromofluoromethane
Concen: 53.664 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY019473.D
Acq: 09 Sep 2024 18:17

Tgt Ion:	113	Resp:	210568
Ion Ratio	Lower	Upper	
113	100		
111	102.1	82.2	123.4
192	18.2	15.9	23.9





#50

Toluene-d8

Concen: 55.450 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY019473.D

Acq: 09 Sep 2024 18:17

Instrument :

MSVOA_Y

ClientSampleId :

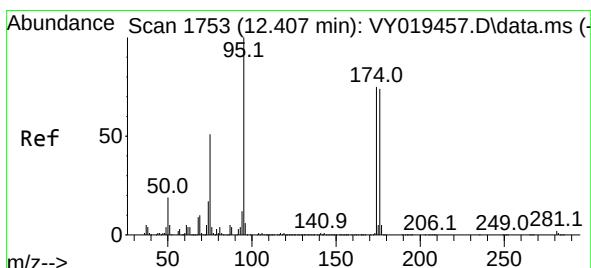
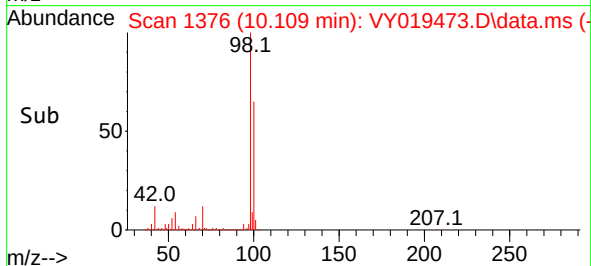
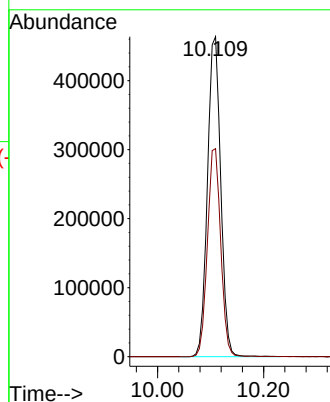
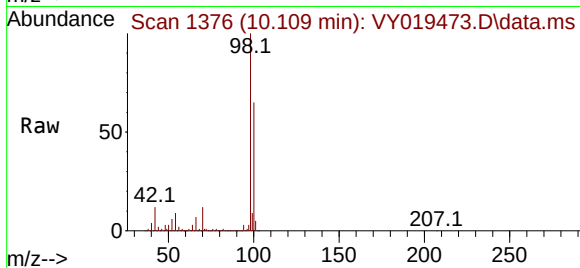
SU-701-VOC-03

Tgt Ion: 98 Resp: 804763

Ion Ratio Lower Upper

98 100

100 65.0 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 44.605 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY019473.D

Acq: 09 Sep 2024 18:17

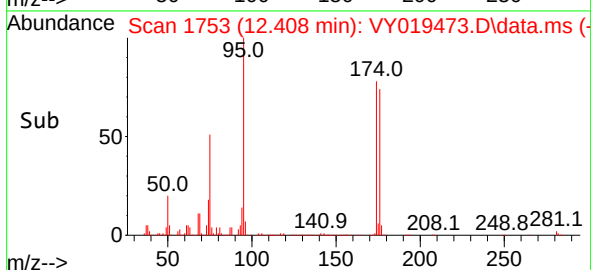
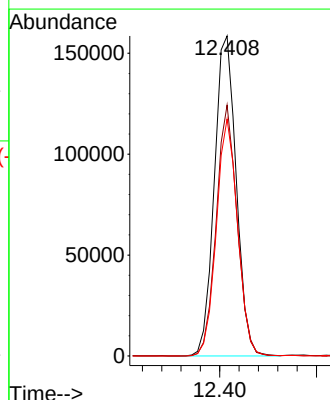
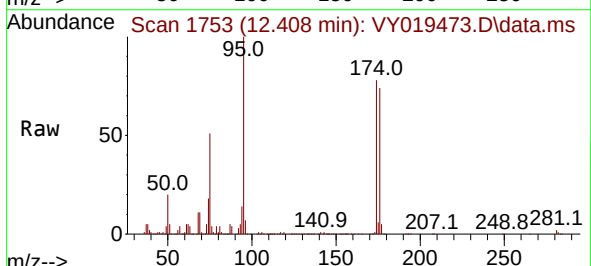
Tgt Ion: 95 Resp: 248917

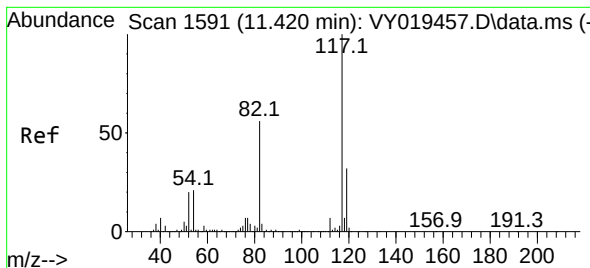
Ion Ratio Lower Upper

95 100

174 74.7 0.0 175.6

176 71.8 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019473.D

Acq: 09 Sep 2024 18:17

Instrument :

MSVOA_Y

ClientSampleId :

SU-701-VOC-03

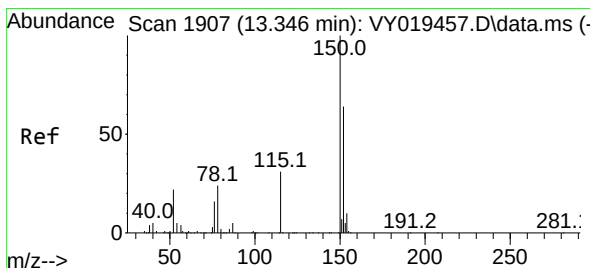
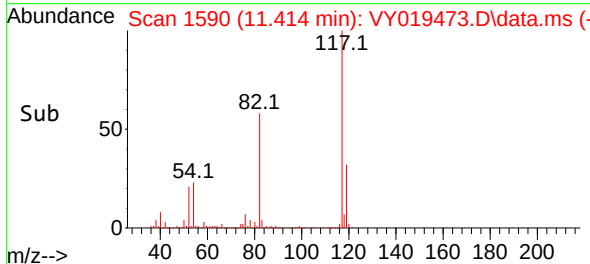
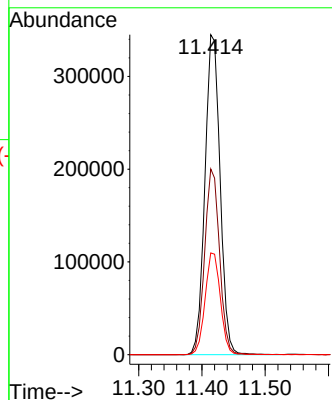
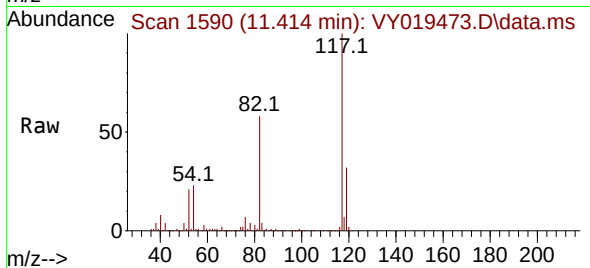
Tgt Ion:117 Resp: 576898

Ion Ratio Lower Upper

117 100

82 58.0 42.4 63.6

119 31.8 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: VY019473.D

Acq: 09 Sep 2024 18:17

Tgt Ion:152 Resp: 204652

Ion Ratio Lower Upper

152 100

115 61.7 28.2 84.7

150 158.2 0.0 345.6

