

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120921\
 Data File : VU046244.D
 Acq On : 10 Dec 2021 00:40
 Operator : SY/MD
 Sample : M5002-07
 Misc : 5.6mL/MSVOA_U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 10 05:25:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 03 05:08:36 2021
 Response via : Initial Calibration

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

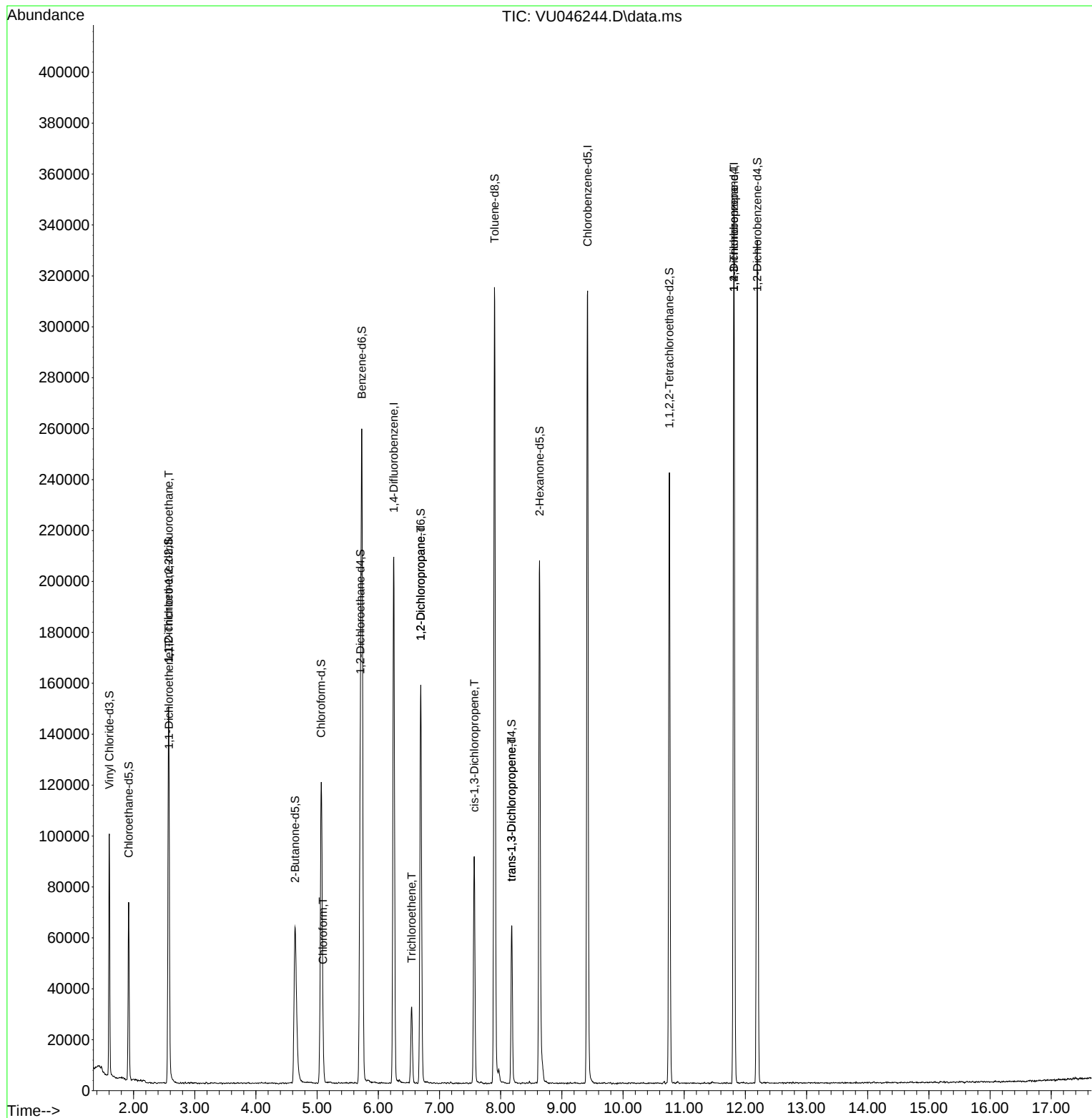
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	169970	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	179215	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	91030	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	66631	47.589	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	95.180%		
7) Chloroethane-d5	1.919	69	50356	46.843	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	93.680%		
11) 1,1-Dichloroethene-d2	2.571	63	87923	34.981	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	69.960%		
21) 2-Butanone-d5	4.639	46	110584	99.354	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	99.350%		
24) Chloroform-d	5.067	84	109979	47.037	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.080%		
26) 1,2-Dichloroethane-d4	5.706	65	78071	49.754	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.500%		
32) Benzene-d6	5.732	84	239961	46.716	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.440%		
36) 1,2-Dichloropropane-d6	6.694	67	74679	46.911	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	93.820%		
41) Toluene-d8	7.899	98	211773	45.281	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.560%		
43) trans-1,3-Dichloroprop...	8.179	79	36426	47.400	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	94.800%		
47) 2-Hexanone-d5	8.636	63	74292	98.427	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	98.430%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	116707	48.341	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	96.680%		
66) 1,2-Dichlorobenzene-d4	12.195	152	87526	49.927	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.860%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	736	0.595	ug/L #	21
12) 1,1-Dichloroethene	2.581	96	1063	0.904	ug/L #	1
25) Chloroform	5.096	83	10305	4.101	ug/L	97
34) Trichloroethene	6.546	95	9443	6.608	ug/L	98
37) 1,2-Dichloropropane	6.694	63	8095	5.697	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	2154	0.996	ug/L #	50
44) trans-1,3-Dichloropropene	8.179	75	1596	0.752	ug/L	92
60) 1,2,3-Trichloropropane	11.812	75	10982	5.503	ug/L #	66

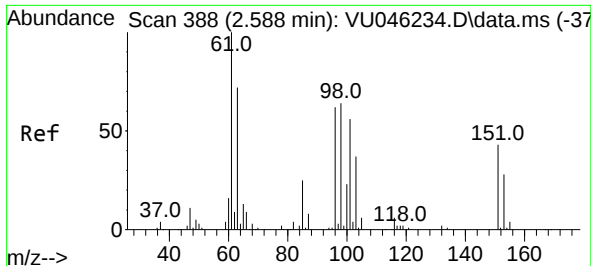
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120921\
Data File : VU046244.D
Acq On : 10 Dec 2021 00:40
Operator : SY/MD
Sample : M5002-07
Misc : 5.6mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

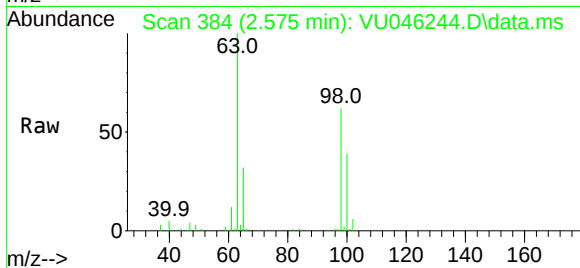
Quant Time: Dec 10 05:25:33 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 03 05:08:36 2021
Response via : Initial Calibration



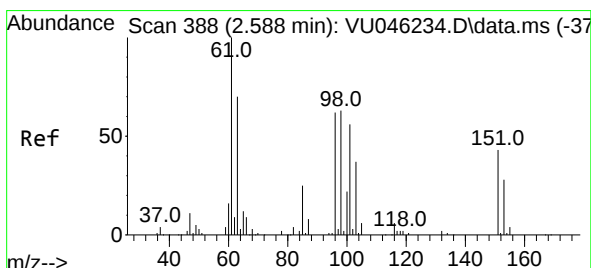
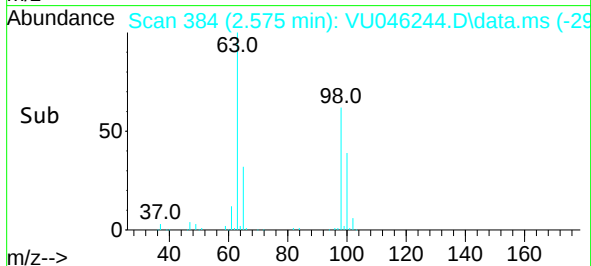
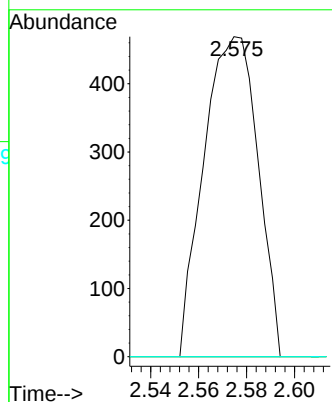


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.595 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.013 min
 Lab File: VU046244.D
 Acq: 10 Dec 2021 00:40

Instrument :
 MSVOA_U
 ClientSampleId :

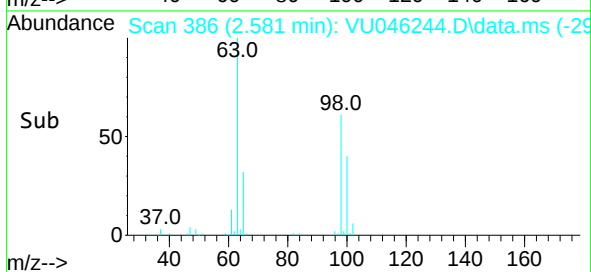
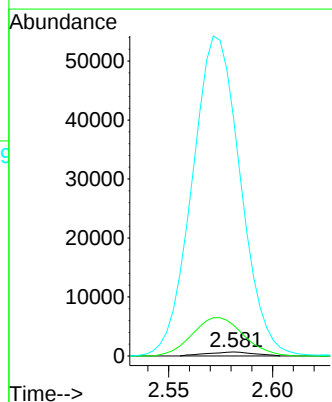
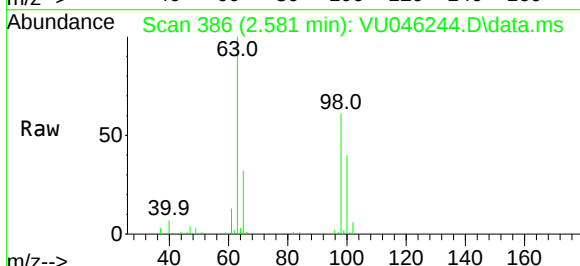


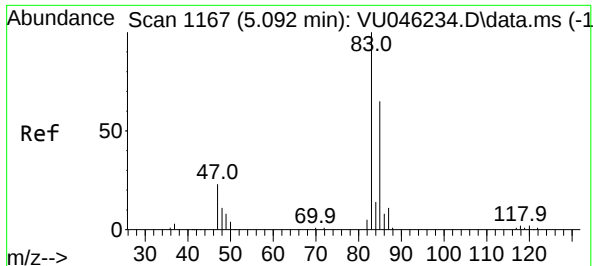
Tgt Ion: 101 Resp: 736
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.1 52.7#
 151 0.0 56.7 85.1#



#12
 1,1-Dichloroethene
 Concen: 0.904 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. -0.003 min
 Lab File: VU046244.D
 Acq: 10 Dec 2021 00:40

Tgt Ion: 96 Resp: 1063
 Ion Ratio Lower Upper
 96 100
 61 769.6 118.6 220.2#
 63 5943.9 93.0 172.8#





#25

Chloroform

Concen: 4.101 ug/L

RT: 5.096 min Scan# 1167

Delta R.T. 0.003 min

Lab File: VU046244.D

Acq: 10 Dec 2021 00:40

Instrument :

MSVOA_U

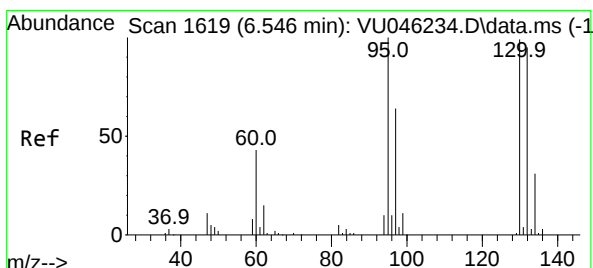
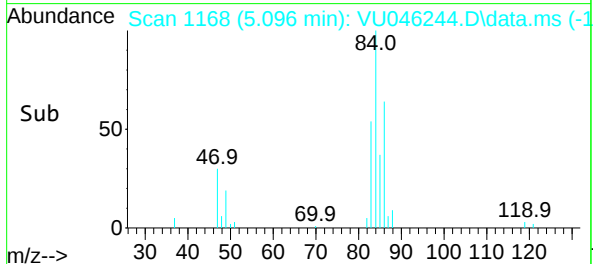
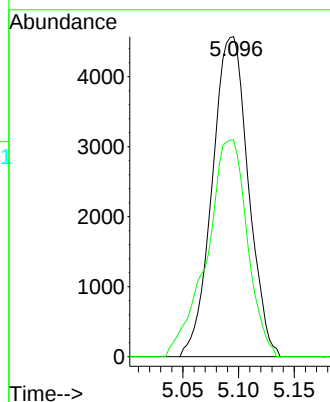
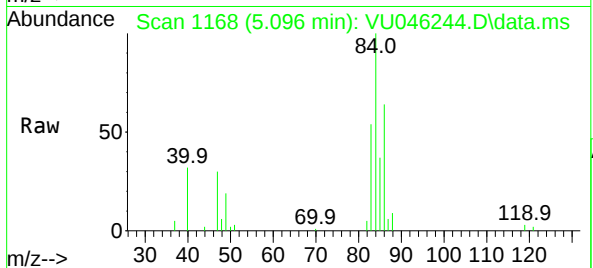
ClientSampleId :

Tgt Ion: 83 Resp: 10305

Ion Ratio Lower Upper

83 100

85 67.7 45.8 85.2



#34

Trichloroethene

Concen: 6.608 ug/L

RT: 6.546 min Scan# 1619

Delta R.T. -0.000 min

Lab File: VU046244.D

Acq: 10 Dec 2021 00:40

Tgt Ion: 95 Resp: 9443

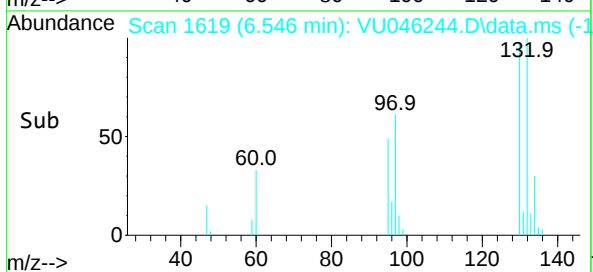
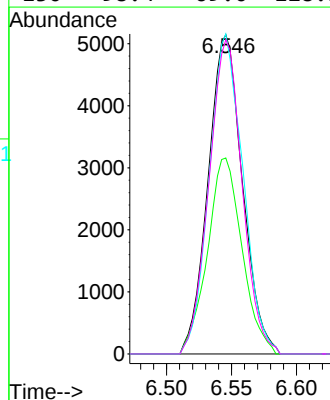
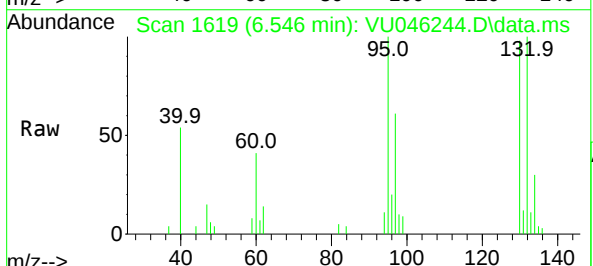
Ion Ratio Lower Upper

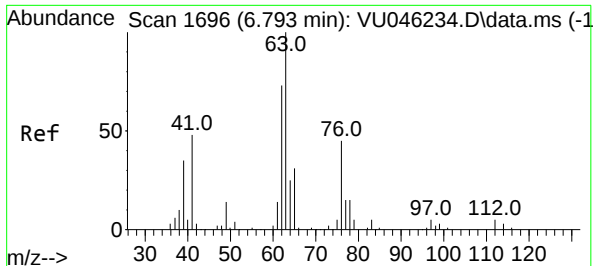
95 100

97 61.4 44.1 81.9

132 100.2 66.8 124.0

130 98.4 69.0 128.1





#37

1,2-Dichloropropane

Concen: 5.697 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU046244.D

Acq: 10 Dec 2021 00:40

Instrument :

MSVOA_U

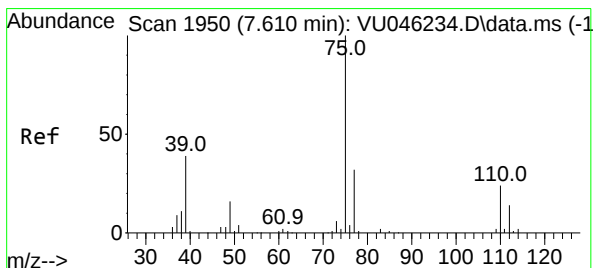
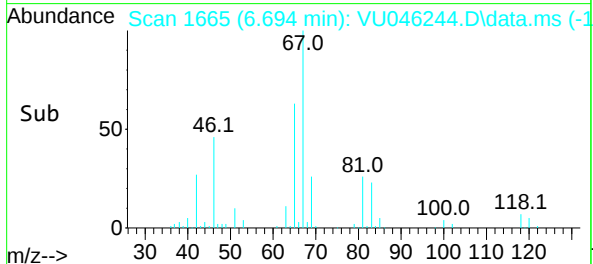
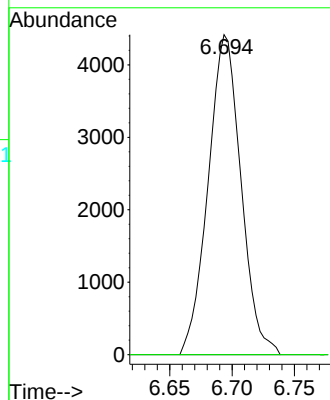
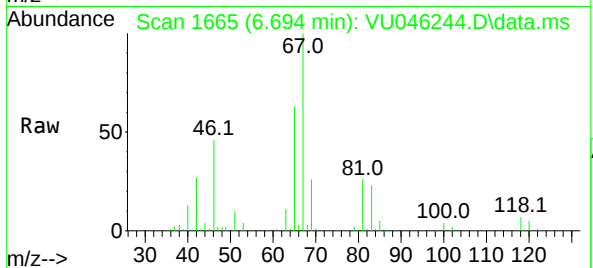
ClientSampleId :

Tgt Ion: 63 Resp: 8095

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.996 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU046244.D

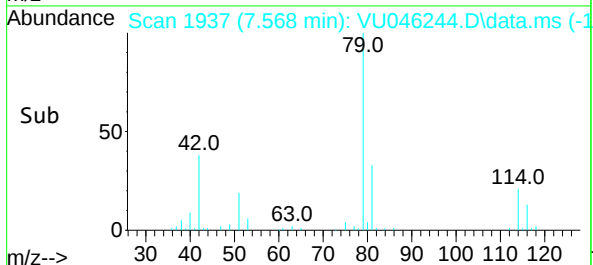
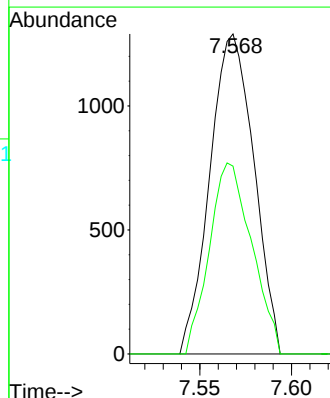
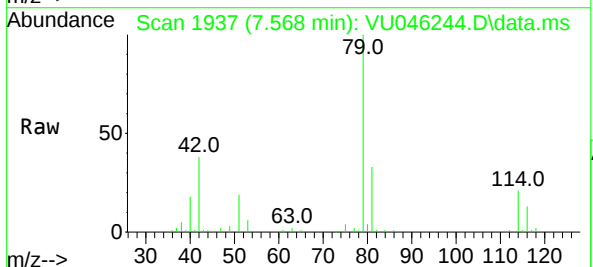
Acq: 10 Dec 2021 00:40

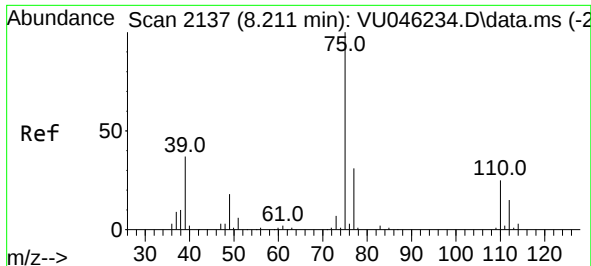
Tgt Ion: 75 Resp: 2154

Ion Ratio Lower Upper

75 100

77 58.7 21.8 40.6#

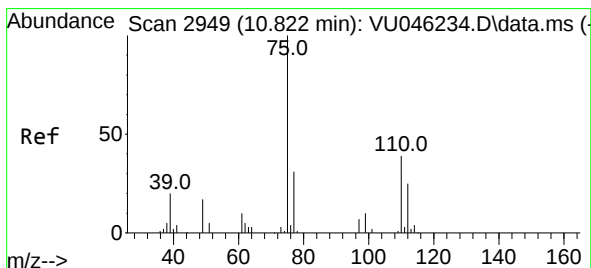
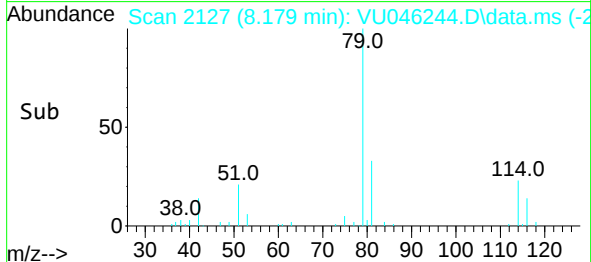
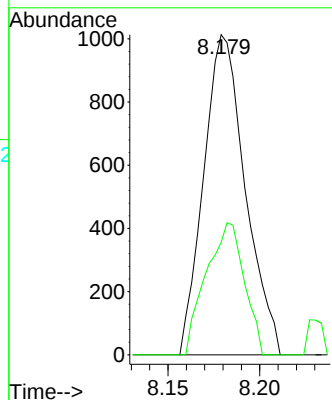
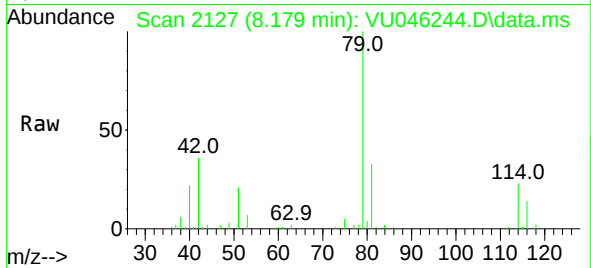




#44
trans-1,3-Dichloropropene
Concen: 0.752 ug/L
RT: 8.179 min Scan# 2137
Delta R.T. -0.035 min
Lab File: VU046244.D
Acq: 10 Dec 2021 00:40

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 1596
Ion Ratio Lower Upper
75 100
77 35.1 21.7 40.3



#60
1,2,3-Trichloropropane
Concen: 5.503 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU046244.D
Acq: 10 Dec 2021 00:40

Tgt Ion: 75 Resp: 10982
Ion Ratio Lower Upper
75 100
77 33.1 26.4 39.6
110 2.2 32.4 48.6#

