

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121321\
 Data File : VU046320.D
 Acq On : 13 Dec 2021 17:03
 Operator : SY/MD
 Sample : VU1213WBL02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 14 03:52:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 14 03:19:41 2021
 Response via : Initial Calibration

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

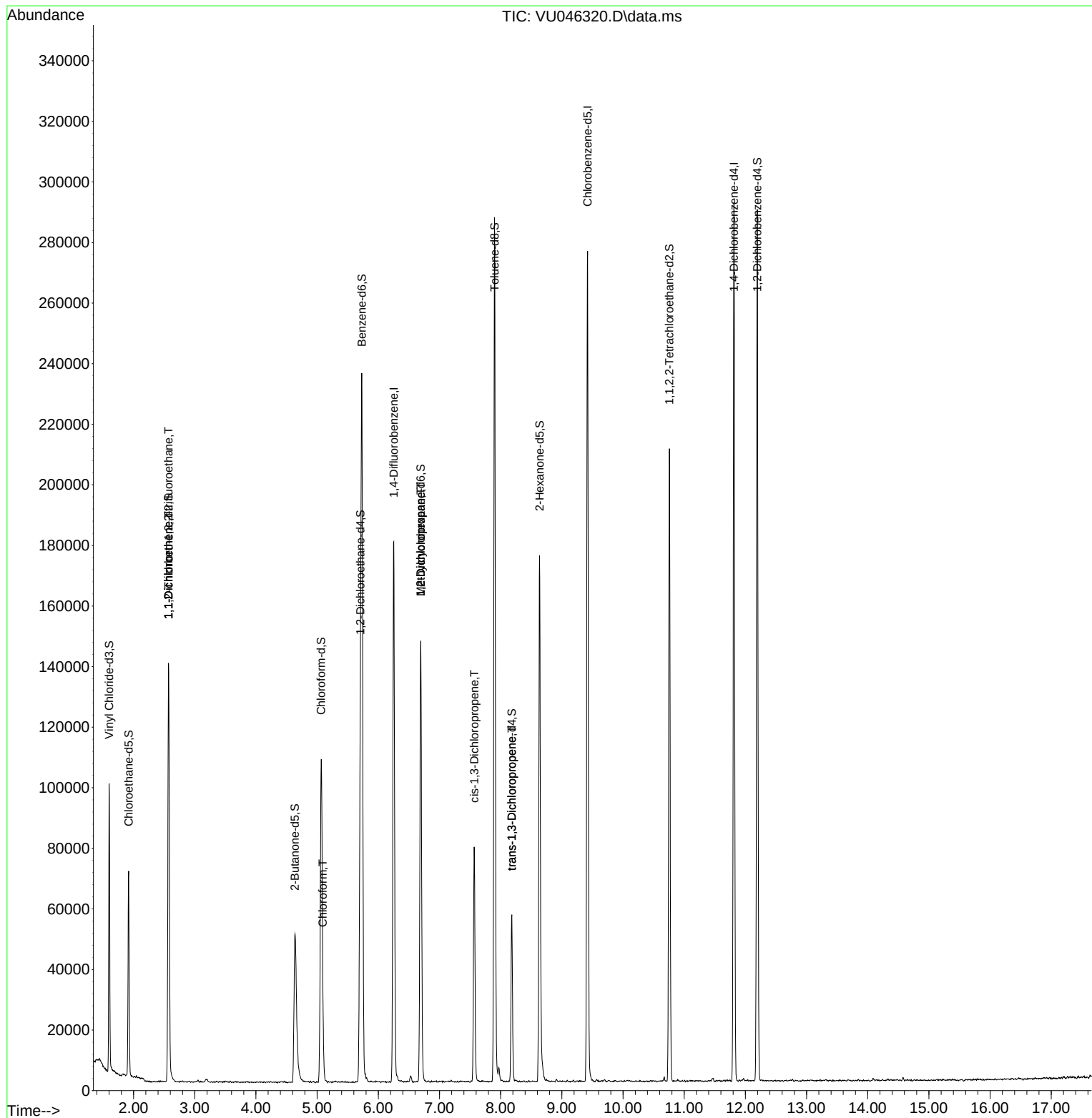
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	145244	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	153468	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	74951	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	66526	55.603	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 111.200%			
7) Chloroethane-d5	1.919	69	49181	53.538	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 107.080%			
11) 1,1-Dichloroethene-d2	2.572	63	84109	39.160	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 78.320%			
21) 2-Butanone-d5	4.636	46	90122	94.754	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 94.750%			
24) Chloroform-d	5.067	84	100180	50.140	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.280%			
26) 1,2-Dichloroethane-d4	5.707	65	72203	53.847	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 107.700%			
32) Benzene-d6	5.732	84	217964	49.552	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.100%			
36) 1,2-Dichloropropane-d6	6.694	67	67365	49.416	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 98.840%			
41) Toluene-d8	7.899	98	187490	46.814	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.620%			
43) trans-1,3-Dichloroprop...	8.182	79	31142	47.323	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 94.640%			
47) 2-Hexanone-d5	8.636	63	61000	94.376	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 94.380%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	102770	49.710	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 99.420%			
66) 1,2-Dichlorobenzene-d4	12.195	152	72435	50.183	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.360%			
Target Compounds					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	764	0.723	ug/L #	21
12) 1,1-Dichloroethene	2.572	96	823	0.819	ug/L #	1
25) Chloroform	5.092	83	11014	5.130	ug/L	98
35) Methylcyclohexane	6.694	83	16721	8.813	ug/L #	21
37) 1,2-Dichloropropane	6.694	63	7334	6.027	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	1896	1.024	ug/L #	47
44) trans-1,3-Dichloropropene	8.182	75	1411	0.776	ug/L #	64

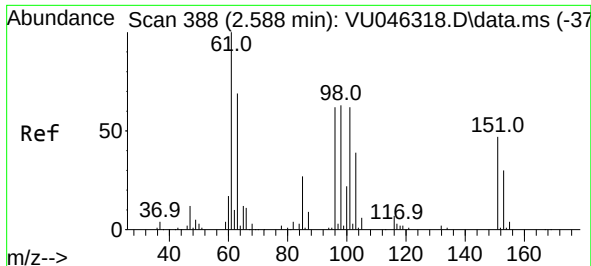
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121321\
Data File : VU046320.D
Acq On : 13 Dec 2021 17:03
Operator : SY/MD
Sample : VU1213WBL02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Dec 14 03:52:41 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 14 03:19:41 2021
Response via : Initial Calibration

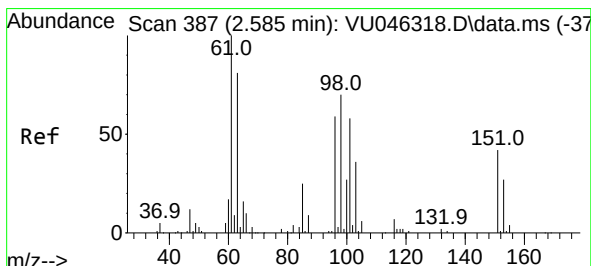
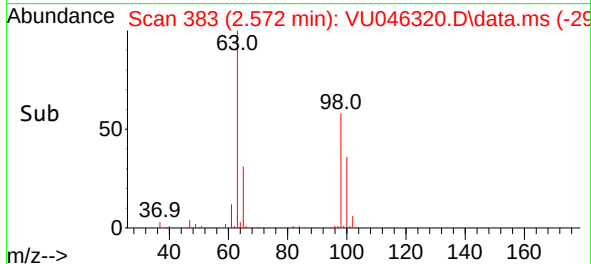
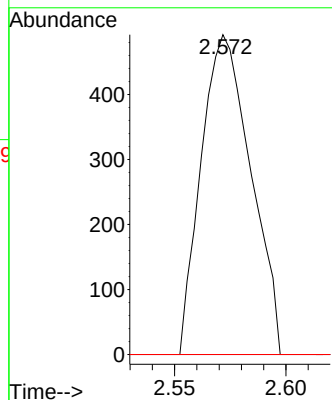
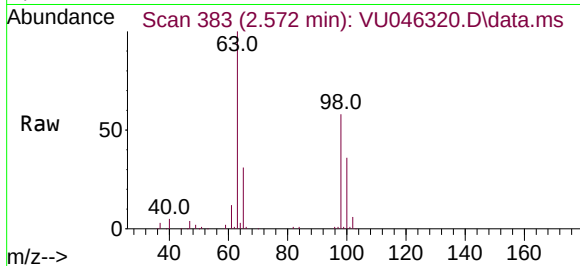




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.723 ug/L
 RT: 2.572 min Scan# 383
 Delta R.T. -0.016 min
 Lab File: VU046320.D
 Acq: 13 Dec 2021 17:03

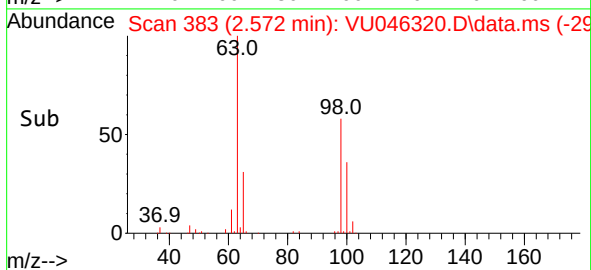
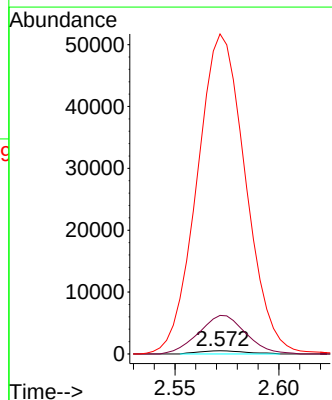
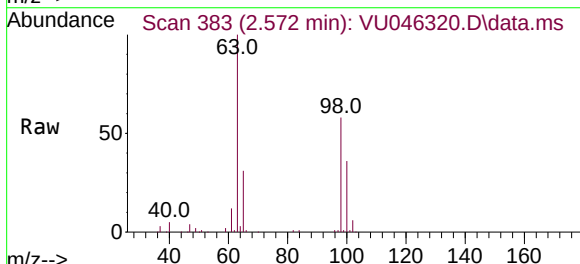
Instrument :
 MSVOA_U
 ClientSampleId :

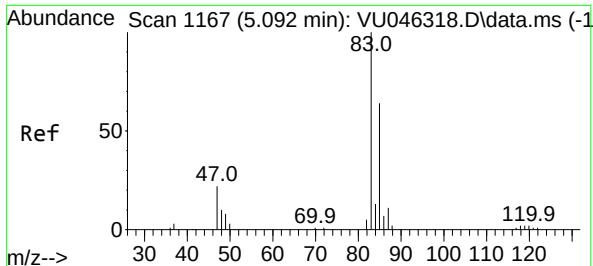
Tgt Ion:101 Resp: 764
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.1 52.7#
 151 0.0 56.7 85.1#



#12
 1,1-Dichloroethene
 Concen: 0.819 ug/L
 RT: 2.572 min Scan# 383
 Delta R.T. -0.013 min
 Lab File: VU046320.D
 Acq: 13 Dec 2021 17:03

Tgt Ion: 96 Resp: 823
 Ion Ratio Lower Upper
 96 100
 61 1185.0 118.6 220.2#
 63 9851.4 93.0 172.8#





#25

Chloroform

Concen: 5.130 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VU046320.D

Acq: 13 Dec 2021 17:03

Instrument :

MSVOA_U

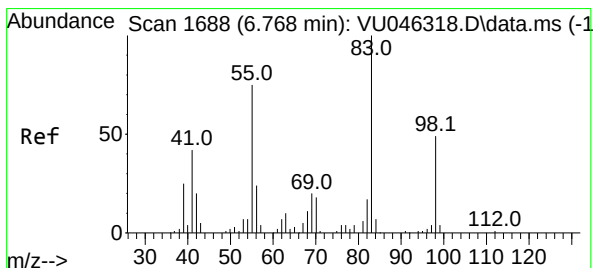
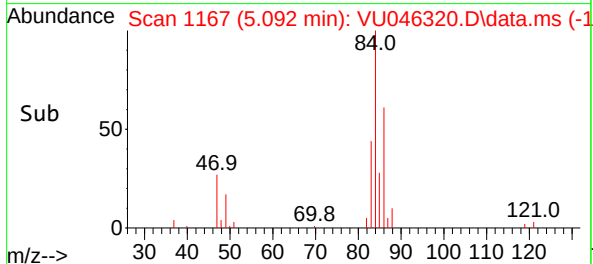
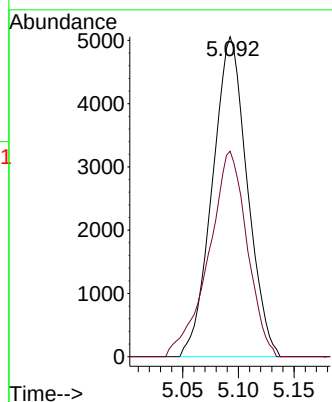
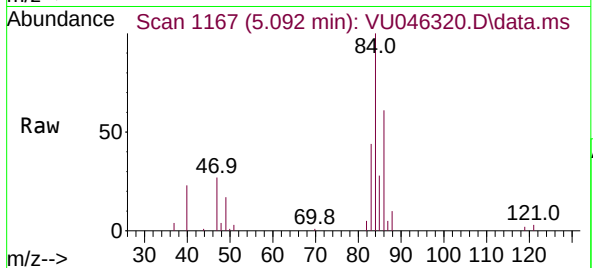
ClientSampleId :

Tgt Ion: 83 Resp: 11014

Ion Ratio Lower Upper

83 100

85 64.2 45.8 85.2



#35

Methylcyclohexane

Concen: 8.813 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.074 min

Lab File: VU046320.D

Acq: 13 Dec 2021 17:03

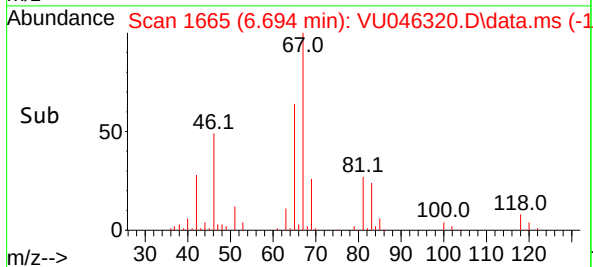
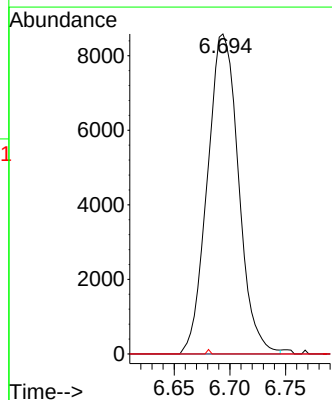
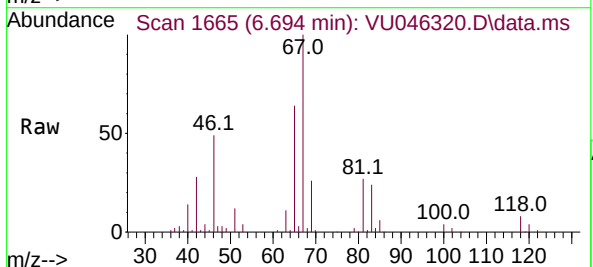
Tgt Ion: 83 Resp: 16721

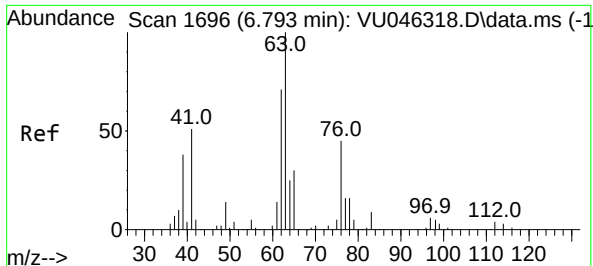
Ion Ratio Lower Upper

83 100

55 0.0 57.8 86.6#

98 2.5 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 6.027 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU046320.D

Acq: 13 Dec 2021 17:03

Instrument :

MSVOA_U

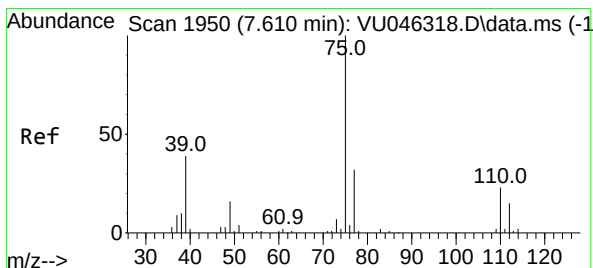
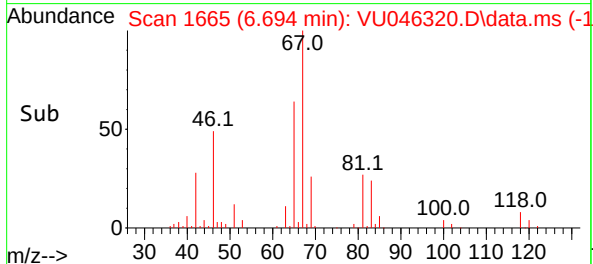
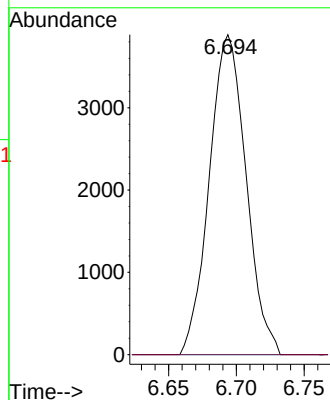
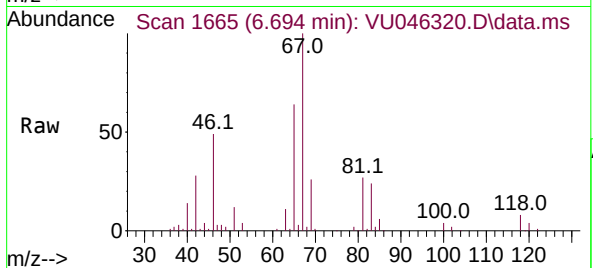
ClientSampleId :

Tgt Ion: 63 Resp: 7334

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 1.024 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU046320.D

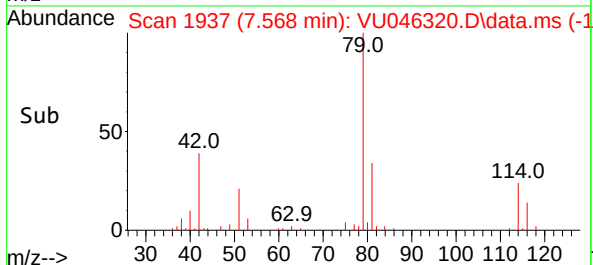
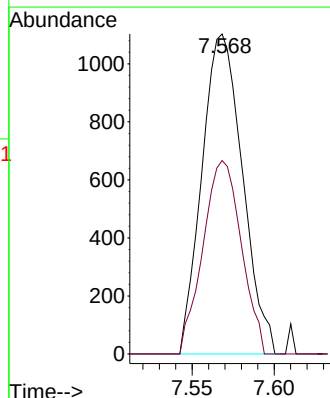
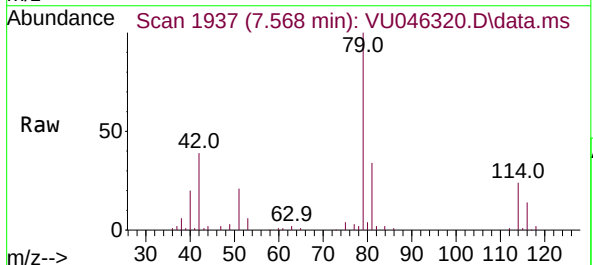
Acq: 13 Dec 2021 17:03

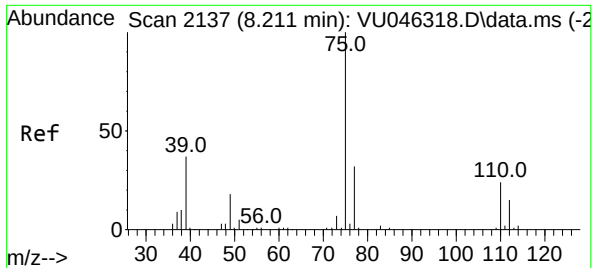
Tgt Ion: 75 Resp: 1896

Ion Ratio Lower Upper

75 100

77 60.5 21.8 40.6#





#44
 trans-1,3-Dichloropropene
 Concen: 0.776 ug/L
 RT: 8.182 min Scan# 21
 Delta R.T. -0.029 min
 Lab File: VU046320.D
 Acq: 13 Dec 2021 17:03

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion: 75 Resp: 1411
 Ion Ratio Lower Upper
 75 100
 77 50.7 21.7 40.3#

