

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120921\
 Data File : VU046242.D
 Acq On : 09 Dec 2021 23:55
 Operator : SY/MD
 Sample : M5002-05
 Misc : 5.6mL/MSVOA_U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 10 05:25:19 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)

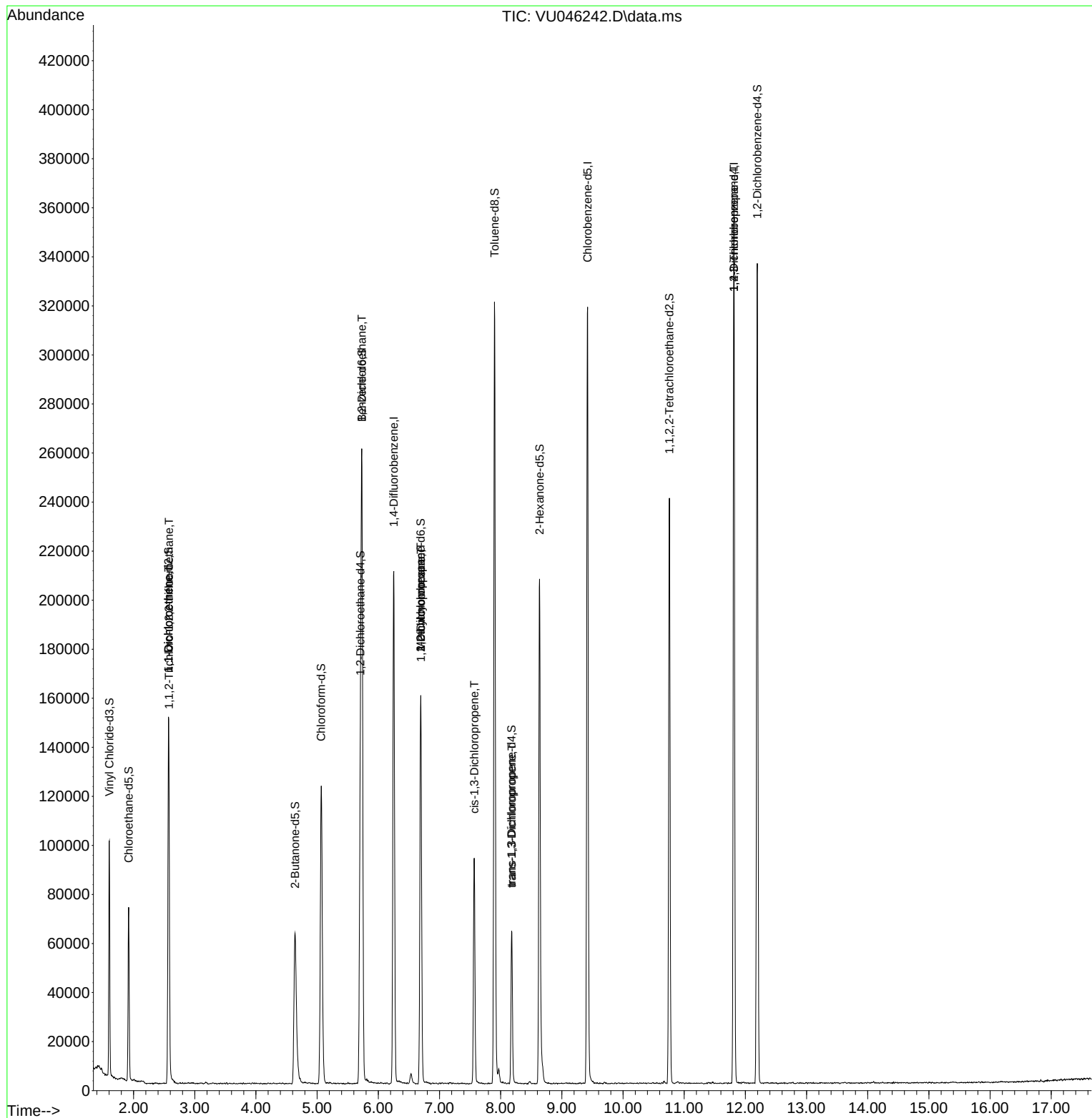
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	175785	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	182833	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	93921	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	67456	46.585	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	93.160%		
7) Chloroethane-d5	1.919	69	51169	46.024	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	92.040%		
11) 1,1-Dichloroethene-d2	2.571	63	90286	34.732	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	69.460%		
21) 2-Butanone-d5	4.639	46	107370	93.275	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	93.280%		
24) Chloroform-d	5.067	84	112772	46.636	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.280%		
26) 1,2-Dichloroethane-d4	5.706	65	79785	49.164	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.320%		
32) Benzene-d6	5.732	84	243434	46.454	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.900%		
36) 1,2-Dichloropropane-d6	6.694	67	76144	46.885	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	93.760%		
41) Toluene-d8	7.899	98	215869	45.243	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.480%		
43) trans-1,3-Dichloroprop...	8.179	79	36498	46.554	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.100%		
47) 2-Hexanone-d5	8.636	63	75784	98.417	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	98.420%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	117550	47.727	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	95.460%		
66) 1,2-Dichlorobenzene-d4	12.195	152	88752	49.068	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.140%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	666	0.521	ug/L #	21
12) 1,1-Dichloroethene	2.571	96	701	0.577	ug/L #	1
27) 1,2-Dichloroethane	5.732	62	1327	0.688	ug/L #	73
35) Methylcyclohexane	6.694	83	18425	8.151	ug/L #	20
37) 1,2-Dichloropropane	6.697	63	8075	5.571	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	2187	0.992	ug/L #	73
44) trans-1,3-Dichloropropene	8.182	75	1544	0.713	ug/L	88
60) 1,2,3-Trichloropropane	11.812	75	11174	5.427	ug/L #	66

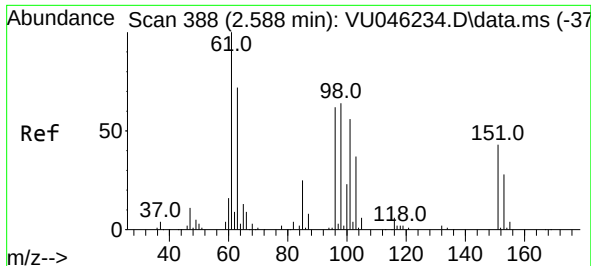
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Dec 03 05:08:36 2021
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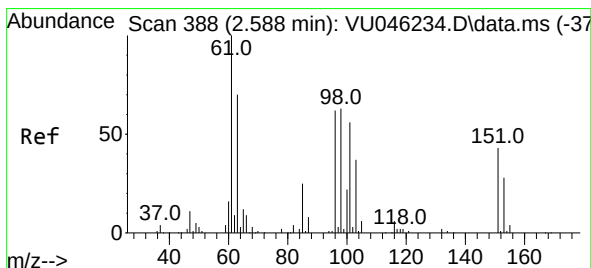
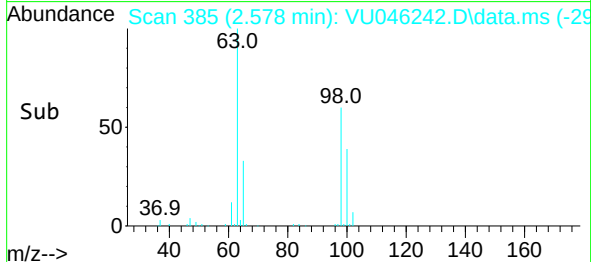
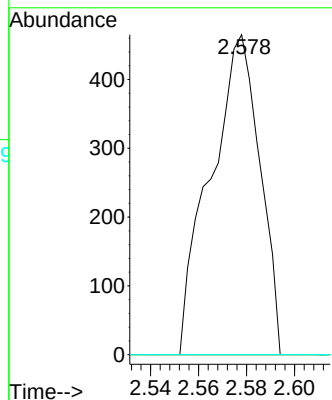
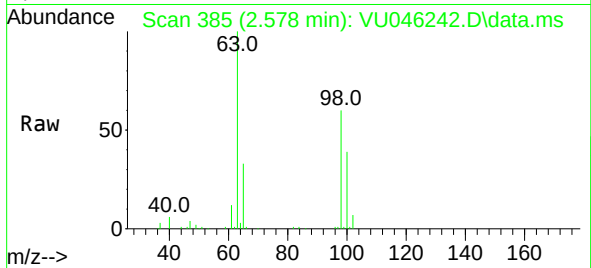




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.521 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.010 min
 Lab File: VU046242.D
 Acq: 09 Dec 2021 23:55

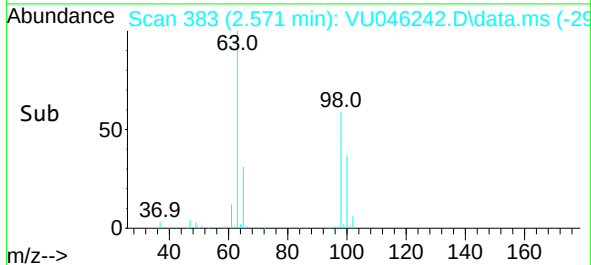
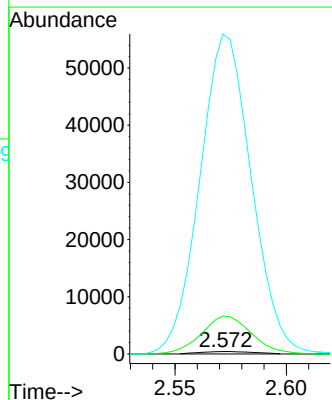
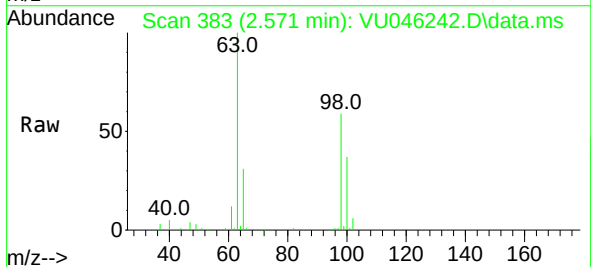
Instrument :
 MSVOA_U
 ClientSampleId :

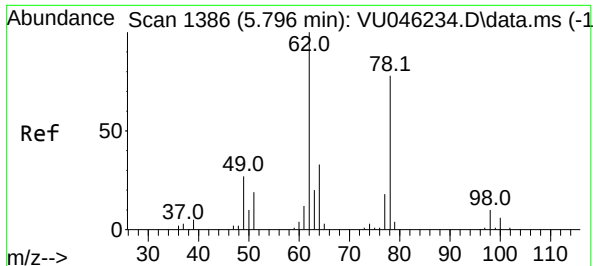
Tgt Ion:101 Resp: 666
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.1 52.7#
 151 0.0 56.7 85.1#



#12
 1,1-Dichloroethene
 Concen: 0.577 ug/L
 RT: 2.571 min Scan# 383
 Delta R.T. -0.013 min
 Lab File: VU046242.D
 Acq: 09 Dec 2021 23:55

Tgt Ion: 96 Resp: 701
 Ion Ratio Lower Upper
 96 100
 61 1590.4 118.6 220.2#
 63 13415.8 93.0 172.8#

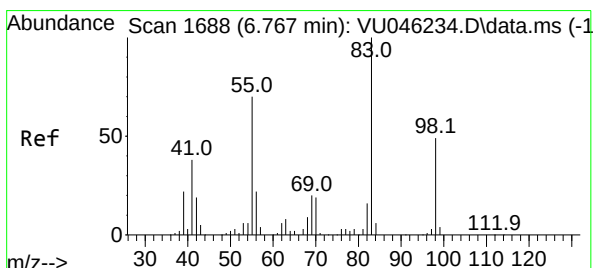
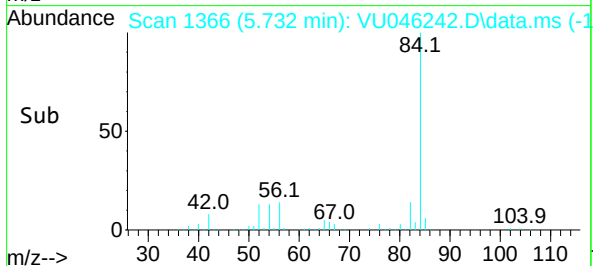
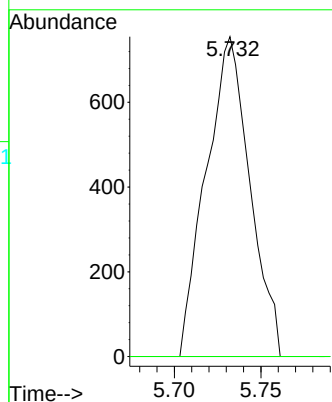
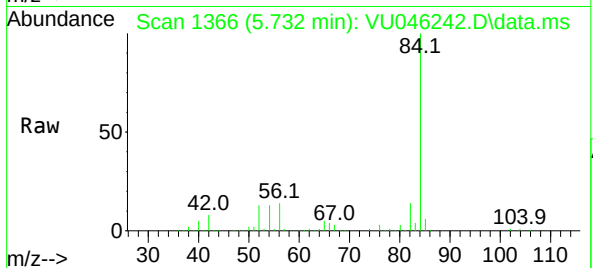




#27
1,2-Dichloroethane
Concen: 0.688 ug/L
RT: 5.732 min Scan# 11
Delta R.T. -0.068 min
Lab File: VU046242.D
Acq: 09 Dec 2021 23:55

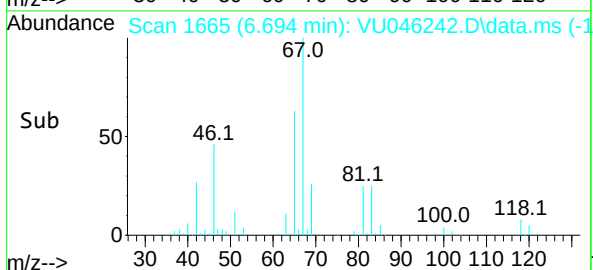
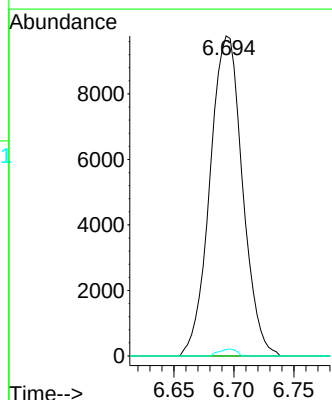
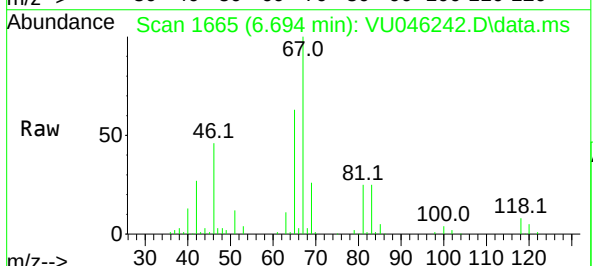
Instrument :
MSVOA_U
ClientSampleId :

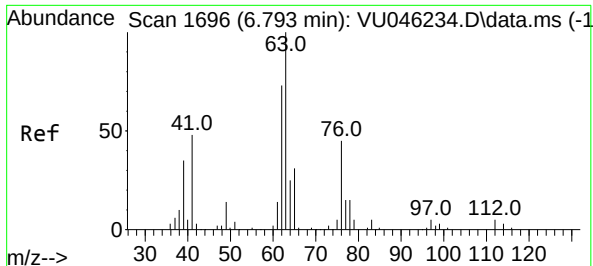
Tgt Ion: 62 Resp: 1327
Ion Ratio Lower Upper
62 100
98 0.0 7.9 11.9#



#35
Methylcyclohexane
Concen: 8.151 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU046242.D
Acq: 09 Dec 2021 23:55

Tgt Ion: 83 Resp: 18425
Ion Ratio Lower Upper
83 100
55 0.0 57.8 86.6#
98 1.2 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 5.571 ug/L

RT: 6.697 min Scan# 1

Delta R.T. -0.097 min

Lab File: VU046242.D

Acq: 09 Dec 2021 23:55

Instrument :

MSVOA_U

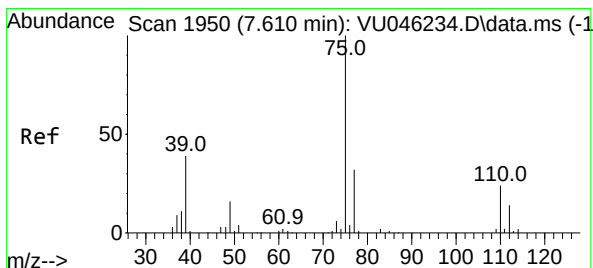
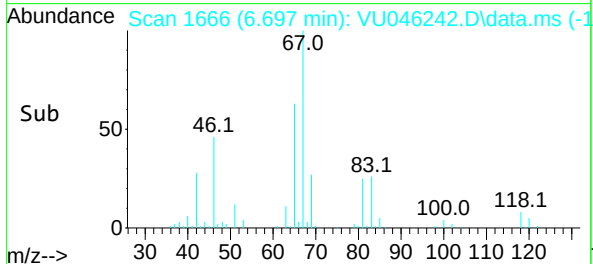
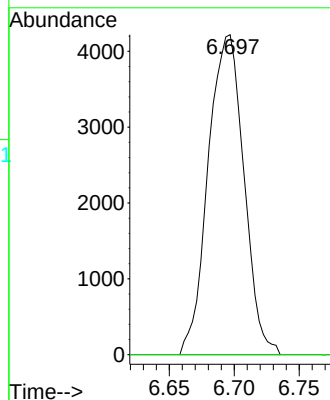
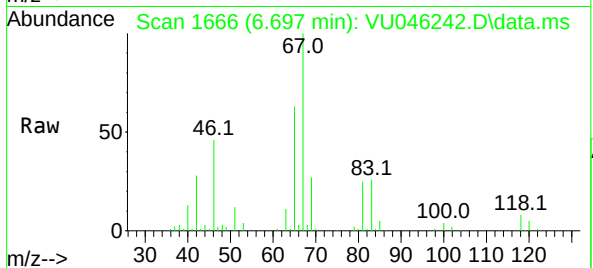
ClientSampleId :

Tgt Ion: 63 Resp: 8075

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.992 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU046242.D

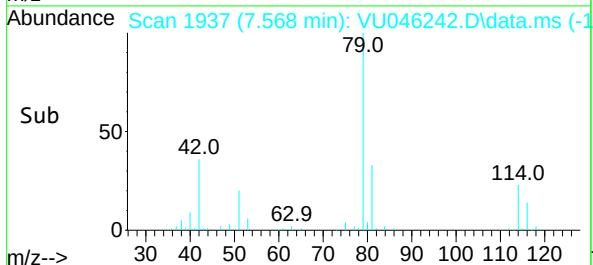
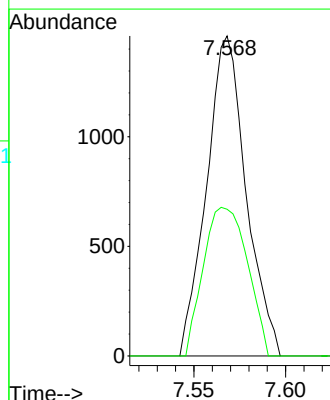
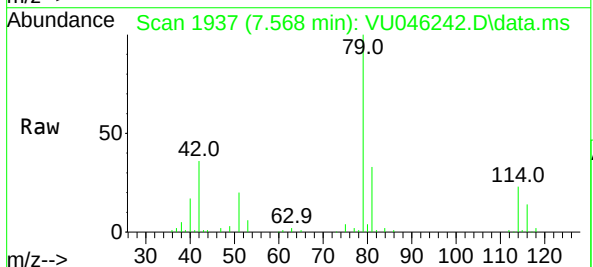
Acq: 09 Dec 2021 23:55

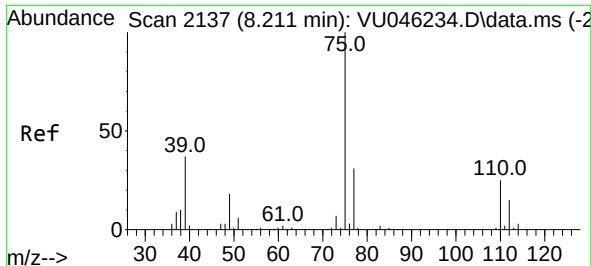
Tgt Ion: 75 Resp: 2187

Ion Ratio Lower Upper

75 100

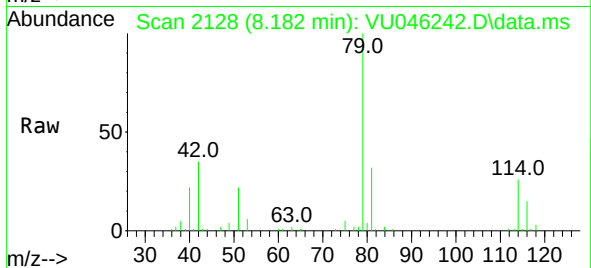
77 45.8 21.8 40.6#



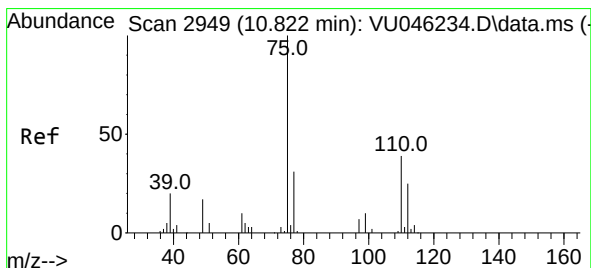
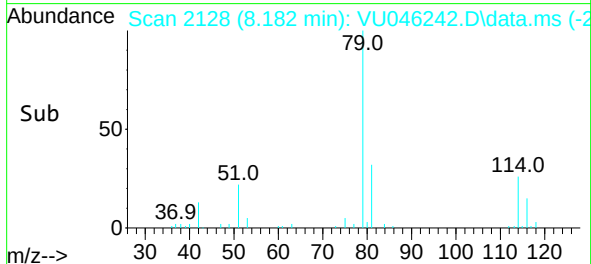
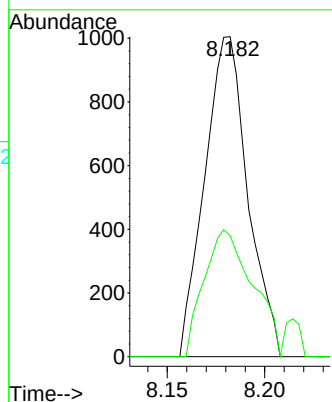


#44
trans-1,3-Dichloropropene
Concen: 0.713 ug/L
RT: 8.182 min Scan# 2137
Delta R.T. -0.032 min
Lab File: VU046242.D
Acq: 09 Dec 2021 23:55

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 1544
Ion Ratio Lower Upper
75 100
77 37.8 21.7 40.3



#60
1,2,3-Trichloropropane
Concen: 5.427 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU046242.D
Acq: 09 Dec 2021 23:55

Tgt Ion: 75 Resp: 11174
Ion Ratio Lower Upper
75 100
77 33.0 26.4 39.6
110 2.4 32.4 48.6#

