

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121421\
 Data File : VU046347.D
 Acq On : 14 Dec 2021 11:56
 Operator : SY/MD
 Sample : VU1214MBL01
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK060

Quant Time: Dec 15 01:41:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 15 01:40:37 2021
 Response via : Initial Calibration

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

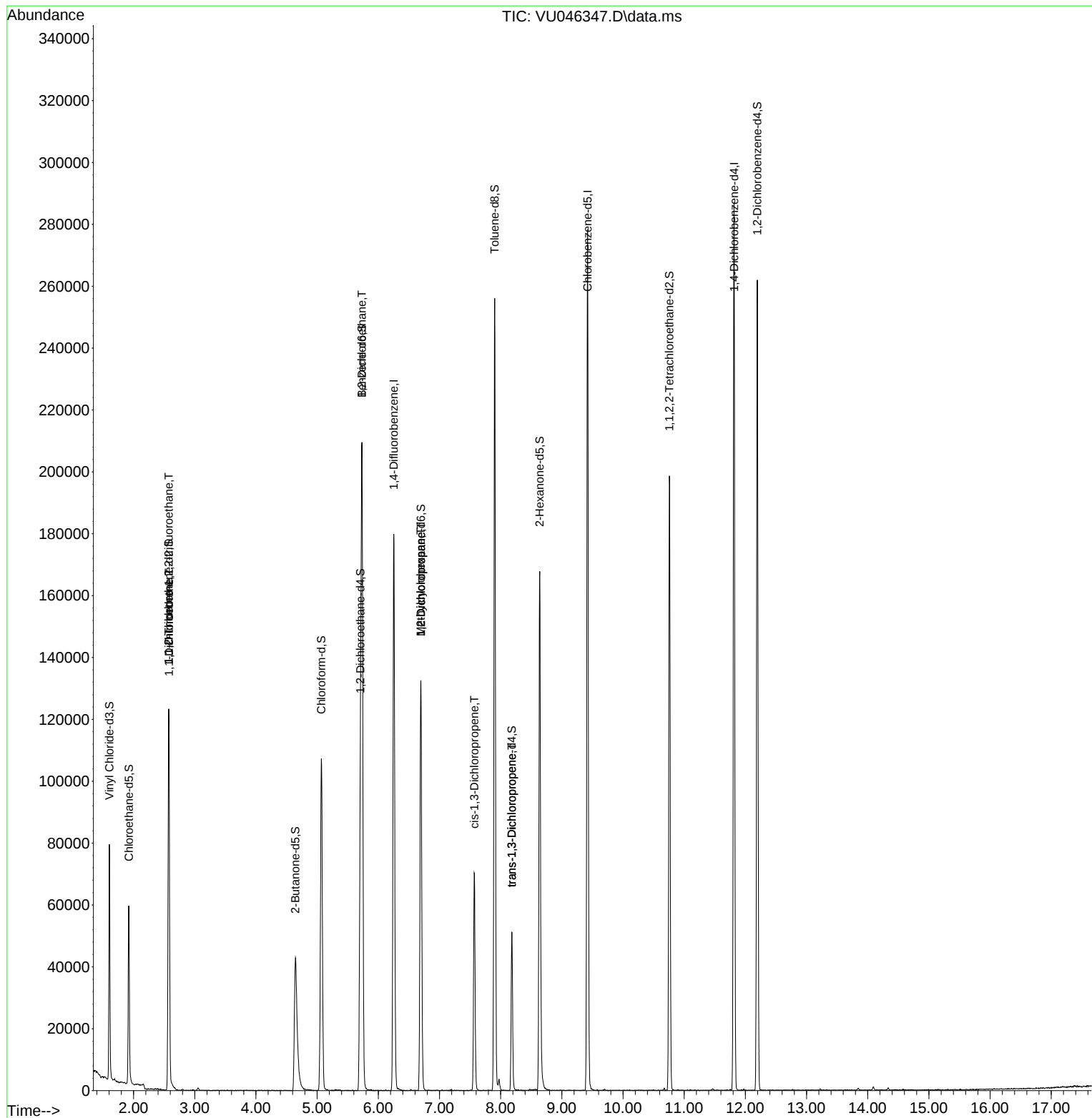
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	147534	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	152173	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	74027	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	54892	45.167	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	90.340%		
7) Chloroethane-d5	1.922	69	44128	47.292	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	94.580%		
11) 1,1-Dichloroethene-d2	2.575	63	73943	33.892	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	67.780%		
21) 2-Butanone-d5	4.645	46	86476	89.509	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	89.510%		
24) Chloroform-d	5.070	84	102326	50.419	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.840%		
26) 1,2-Dichloroethane-d4	5.707	65	67745	49.738	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.480%		
32) Benzene-d6	5.732	84	196260	44.998	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.000%		
36) 1,2-Dichloropropane-d6	6.697	67	62218	46.029	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	92.060%		
41) Toluene-d8	7.903	98	166668	41.970	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	83.940%		
43) trans-1,3-Dichloroprop...	8.182	79	28951	44.368	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	88.740%		
47) 2-Hexanone-d5	8.639	63	63135	98.510	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	98.510%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	96520	47.084	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	94.160%		
66) 1,2-Dichlorobenzene-d4	12.195	152	66871	46.906	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.820%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	696	0.648	ug/L #	21
12) 1,1-Dichloroethene	2.578	96	451	0.442	ug/L #	1
27) 1,2-Dichloroethane	5.732	62	1135	0.701	ug/L #	73
35) Methylcyclohexane	6.694	83	15436	8.205	ug/L #	20
37) 1,2-Dichloropropane	6.697	63	7084	5.872	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	1865	1.016	ug/L #	69
44) trans-1,3-Dichloropropene	8.182	75	1251	0.694	ug/L #	79

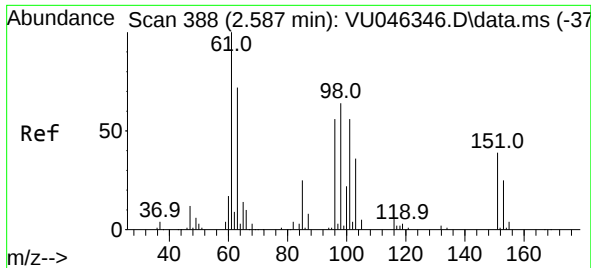
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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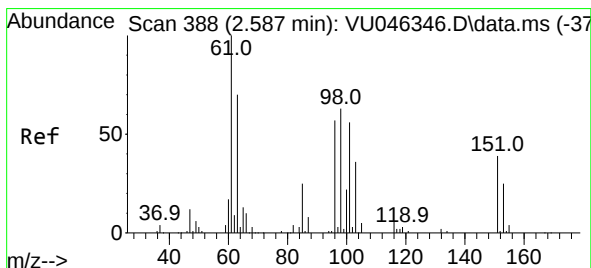
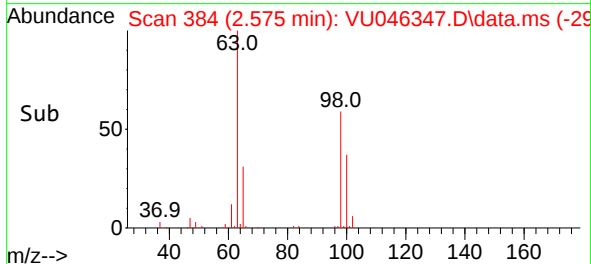
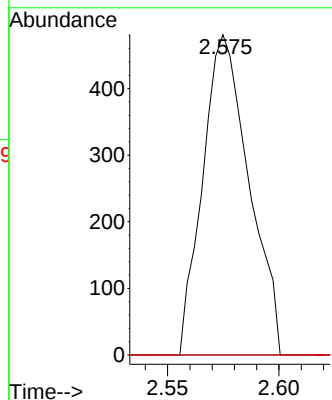
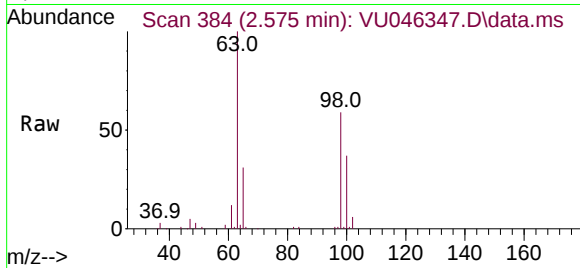




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.648 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.013 min
 Lab File: VU046347.D
 Acq: 14 Dec 2021 11:56

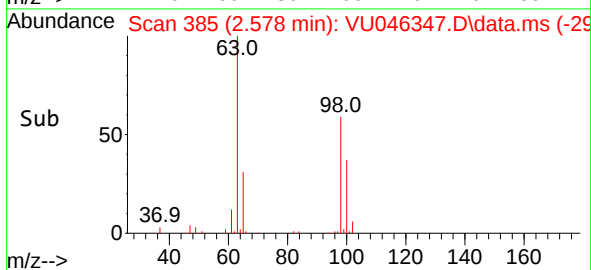
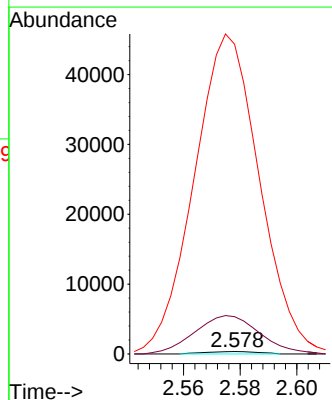
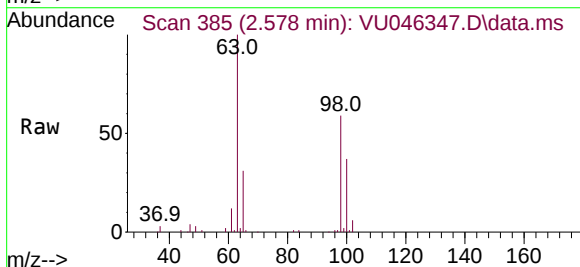
Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK060

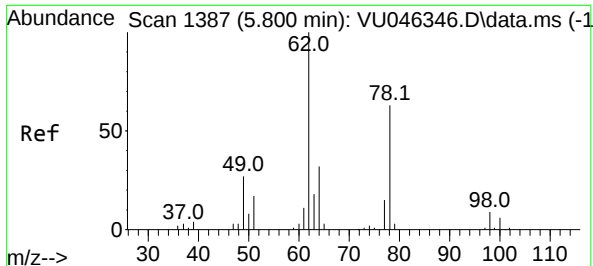
Tgt Ion:101 Resp: 696
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.1 52.7#
 151 0.0 56.7 85.1#



#12
 1,1-Dichloroethene
 Concen: 0.442 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.009 min
 Lab File: VU046347.D
 Acq: 14 Dec 2021 11:56

Tgt Ion: 96 Resp: 451
 Ion Ratio Lower Upper
 96 100
 61 1498.6 118.6 220.2#
 63 12421.3 93.0 172.8#

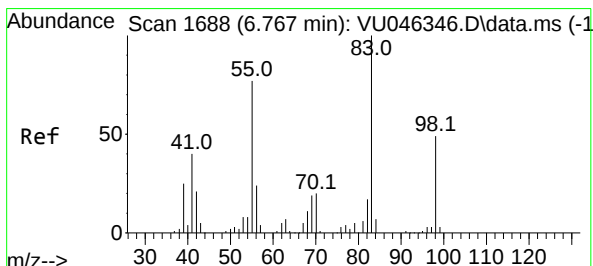
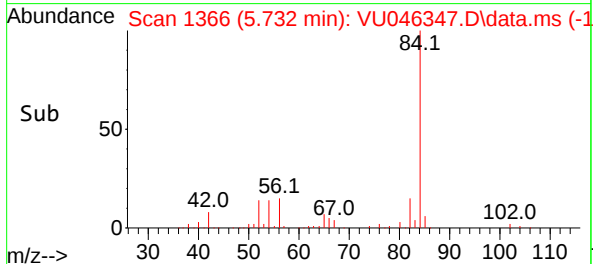
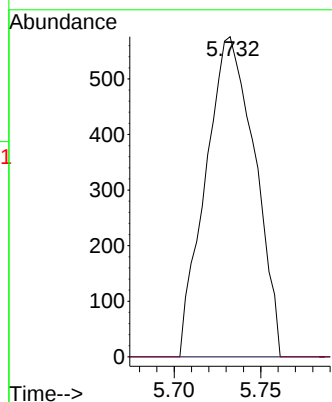
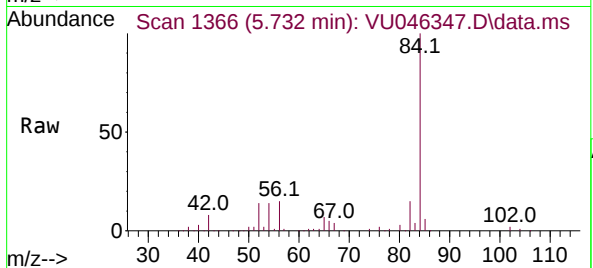




#27
1,2-Dichloroethane
Concen: 0.701 ug/L
RT: 5.732 min Scan# 11
Delta R.T. -0.067 min
Lab File: VU046347.D
Acq: 14 Dec 2021 11:56

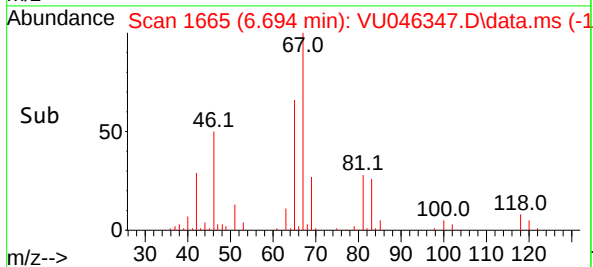
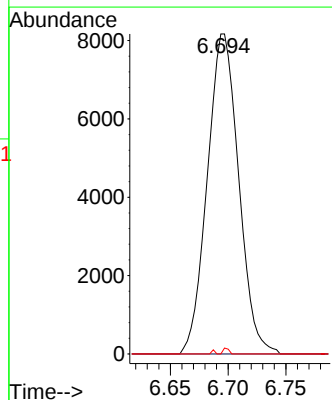
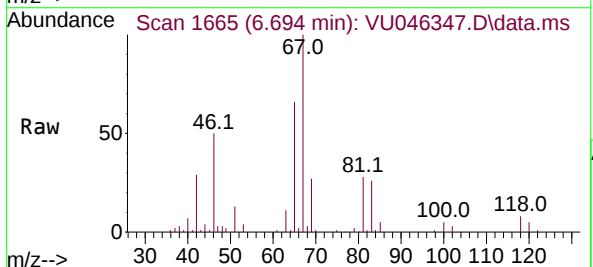
Instrument :
MSVOA_U
ClientSampleId :
VBLK060

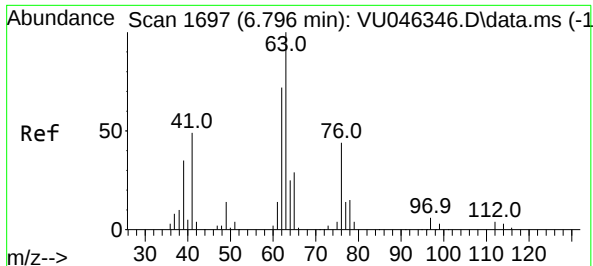
Tgt Ion: 62 Resp: 1135
Ion Ratio Lower Upper
62 100
98 0.0 7.9 11.9#



#35
Methylcyclohexane
Concen: 8.205 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU046347.D
Acq: 14 Dec 2021 11:56

Tgt Ion: 83 Resp: 15436
Ion Ratio Lower Upper
83 100
55 0.0 57.8 86.6#
98 0.3 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 5.872 ug/L

RT: 6.697 min Scan# 1

Delta R.T. -0.099 min

Lab File: VU046347.D

Acq: 14 Dec 2021 11:56

Instrument :

MSVOA_U

ClientSampleId :

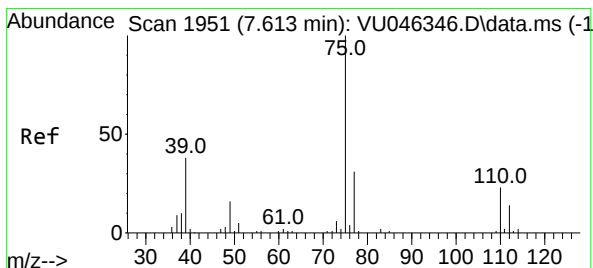
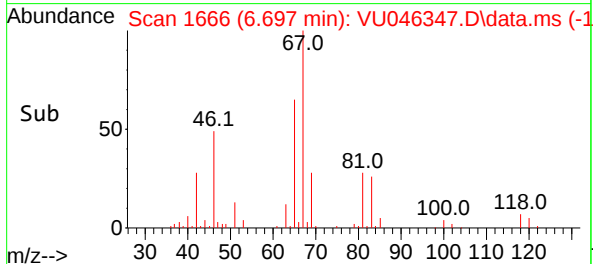
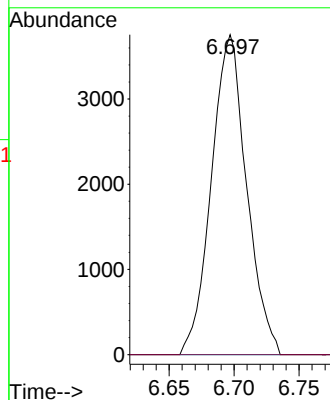
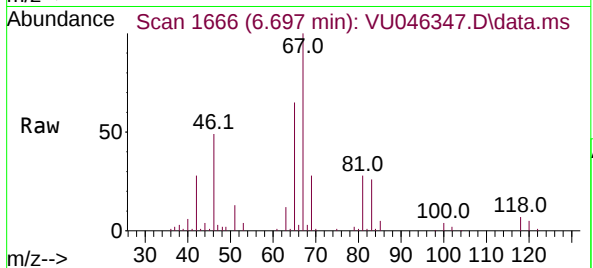
VBLK060

Tgt Ion: 63 Resp: 7084

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 1.016 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.045 min

Lab File: VU046347.D

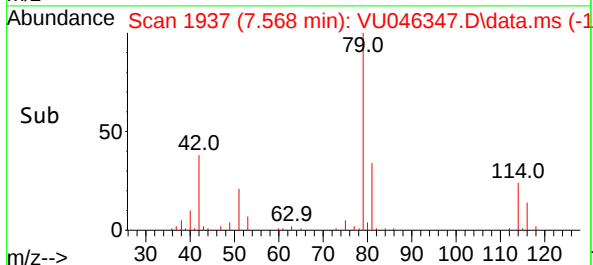
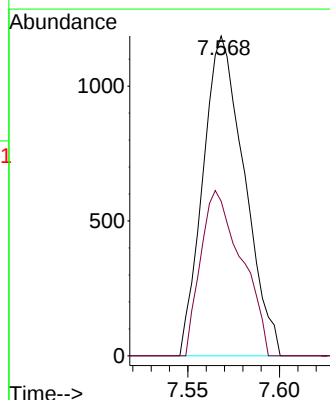
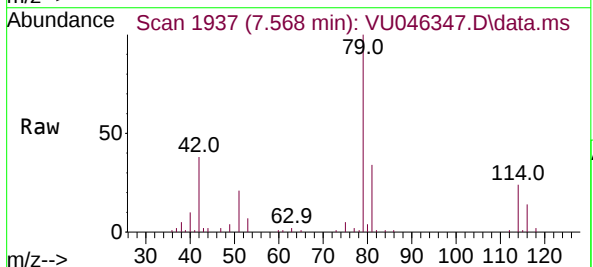
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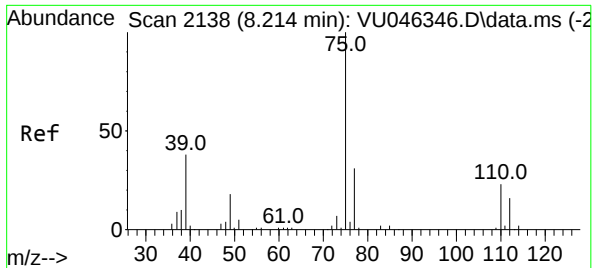
Tgt Ion: 75 Resp: 1865

Ion Ratio Lower Upper

75 100

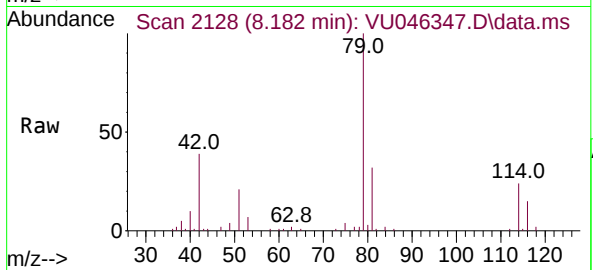
77 48.3 21.8 40.6#





#44
 trans-1,3-Dichloropropene
 Concen: 0.694 ug/L
 RT: 8.182 min Scan# 21
 Delta R.T. -0.032 min
 Lab File: VU046347.D
 Acq: 14 Dec 2021 11:56

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK060



Tgt Ion: 75 Resp: 1251
 Ion Ratio Lower Upper
 75 100
 77 42.6 21.7 40.3#

