

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121321\
 Data File : VU046314.D
 Acq On : 13 Dec 2021 14:44
 Operator : SY/MD
 Sample : M5062-20
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 13 15:05:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Dec 13 13:51:57 2021
 Response via : Initial Calibration

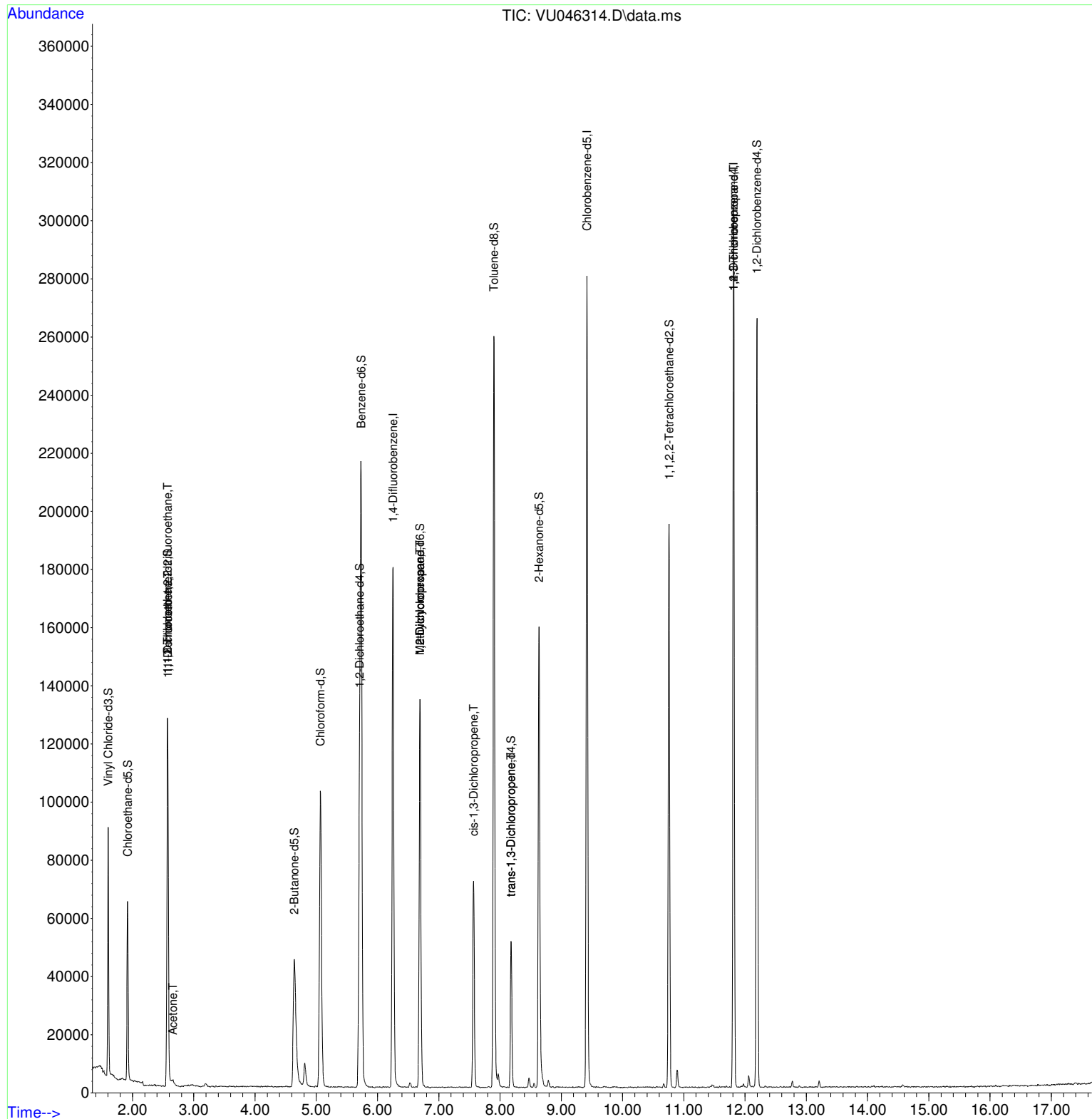
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	145464	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	155588	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	76460	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	60330	50.35	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	= 100.70%		
7) Chloroethane-d5	1.919	69	44826	48.72	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	= 97.44%		
11) 1,1-Dichloroethene-d2	2.571	63	74911	34.82	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 69.64%		
21) 2-Butanone-d5	4.642	46	84576	88.79	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	= 88.79%		
24) Chloroform-d	5.067	84	95554	47.75	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 95.50%		
26) 1,2-Dichloroethane-d4	5.706	65	66776	49.72	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 99.44%		
32) Benzene-d6	5.732	84	200207	44.90	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 89.80%		
36) 1,2-Dichloropropane-d6	6.693	67	62290	45.07	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	= 90.14%		
41) Toluene-d8	7.899	98	172252	42.42	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 84.84%		
43) trans-1,3-Dichloroprop...	8.179	79	28885	43.30	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 86.60%		
47) 2-Hexanone-d5	8.636	63	58135	88.72	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	= 88.72%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	95062	45.36	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	= 90.72%		
66) 1,2-Dichlorobenzene-d4	12.195	152	67176	45.62	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 91.24%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	635	0.60	ug/L #	21
12) 1,1-Dichloroethene	2.575	96	489	0.49	ug/L #	1
13) Acetone	2.655	43	3085	2.59	ug/L	66
35) Methylcyclohexane	6.693	83	15321	7.96	ug/L #	20
37) 1,2-Dichloropropane	6.693	63	6980	5.66	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	1894	1.01	ug/L #	75
44) trans-1,3-Dichloropropene	8.179	75	1237	0.67	ug/L #	63
60) 1,2,3-Trichloropropane	11.812	75	9639	5.75	ug/L #	65

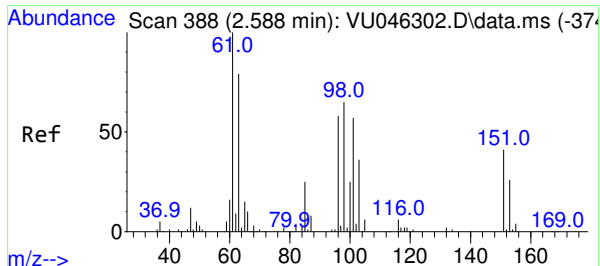
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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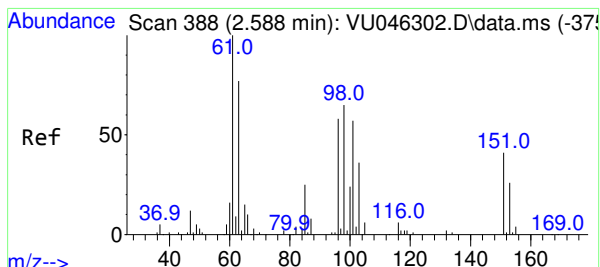
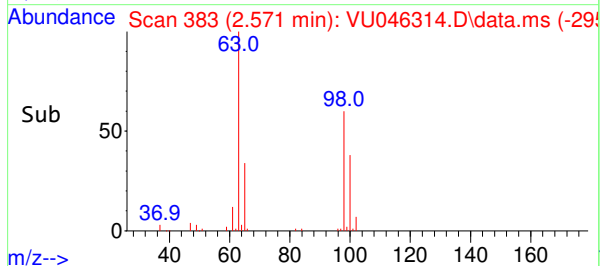
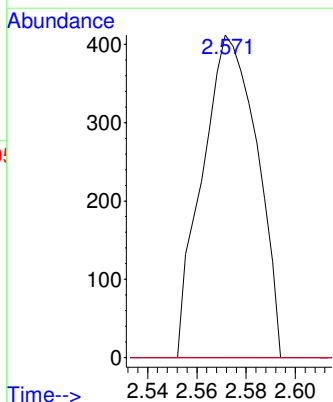
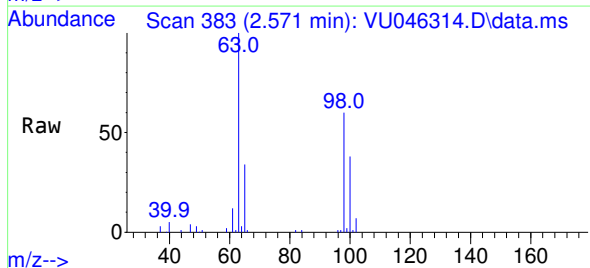




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.60 ug/L
 RT: 2.571 min Scan# 383
 Delta R.T. -0.016 min
 Lab File: VU046314.D
 Acq: 13 Dec 2021 14:44

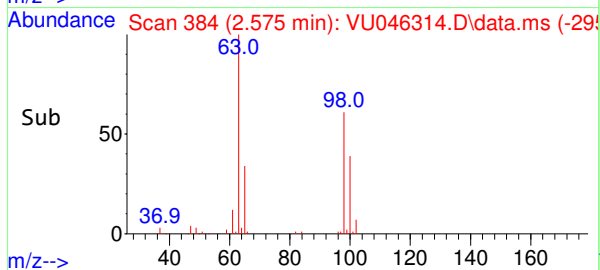
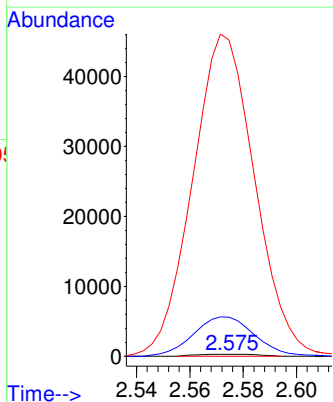
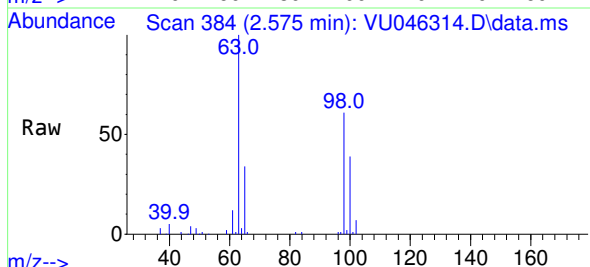
Instrument :
 MSVOA_U
 ClientSampleId :

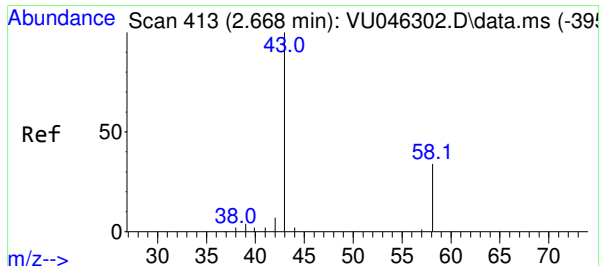
Tgt Ion: 101 Resp: 635
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.1 52.7#
 151 0.0 56.7 85.1#



#12
 1,1-Dichloroethene
 Concen: 0.49 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.013 min
 Lab File: VU046314.D
 Acq: 13 Dec 2021 14:44

Tgt Ion: 96 Resp: 489
 Ion Ratio Lower Upper
 96 100
 61 1911.0 118.6 220.2#
 63 15479.5 93.0 172.8#

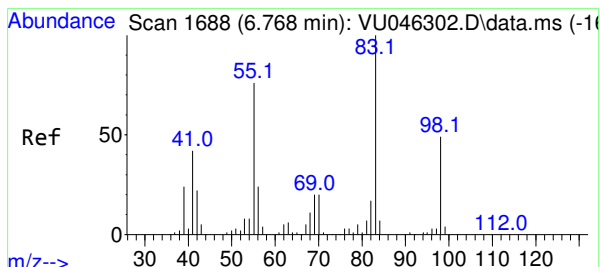
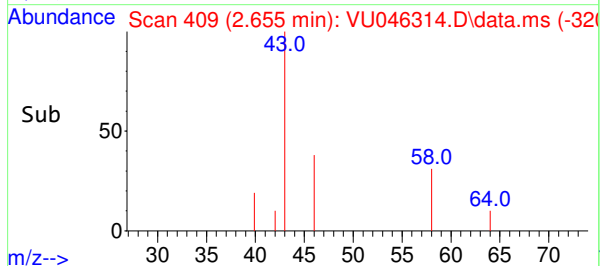
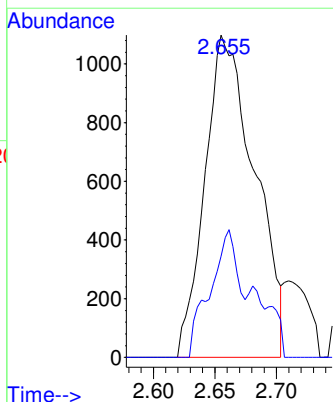
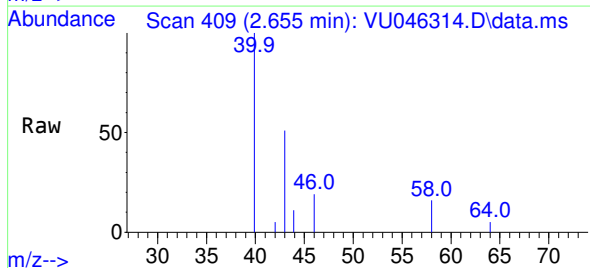




#13
Acetone
Concen: 2.59 ug/L
RT: 2.655 min Scan# 413
Delta R.T. -0.013 min
Lab File: VU046314.D
Acq: 13 Dec 2021 14:44

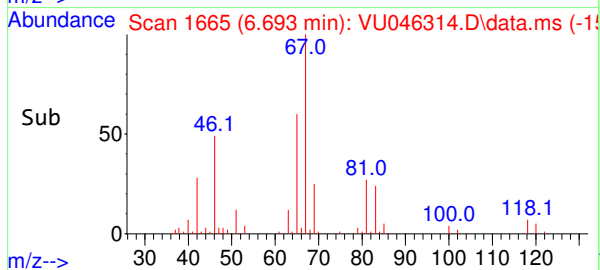
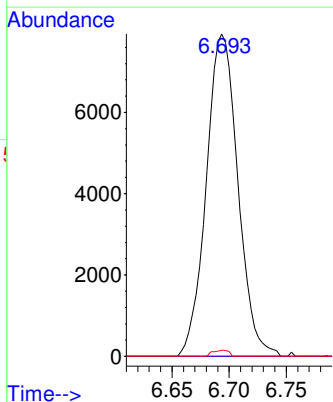
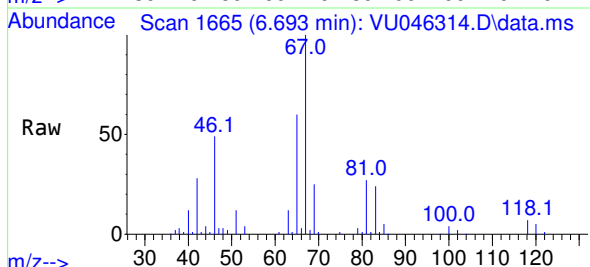
Instrument : MSVOA_U
ClientSampleId :

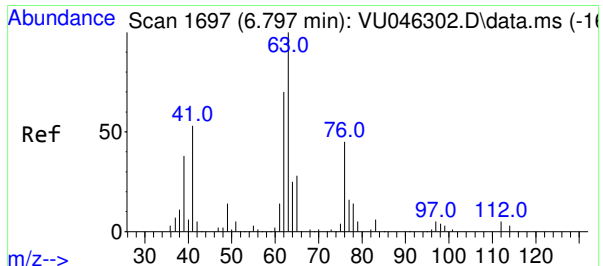
Tgt Ion: 43 Resp: 3085
Ion Ratio Lower Upper
43 100
58 14.0 0.0 66.8



#35
Methylcyclohexane
Concen: 7.96 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU046314.D
Acq: 13 Dec 2021 14:44

Tgt Ion: 83 Resp: 15321
Ion Ratio Lower Upper
83 100
55 0.0 57.8 86.6#
98 0.7 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 5.66 ug/L

RT: 6.693 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU046314.D

Acq: 13 Dec 2021 14:44

Instrument :

MSVOA_U

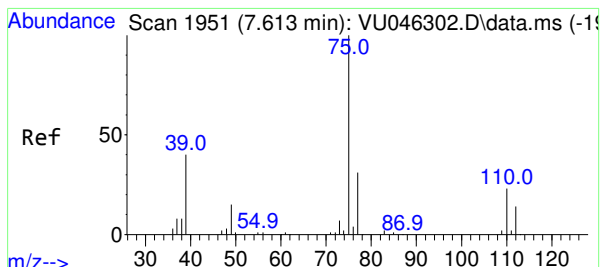
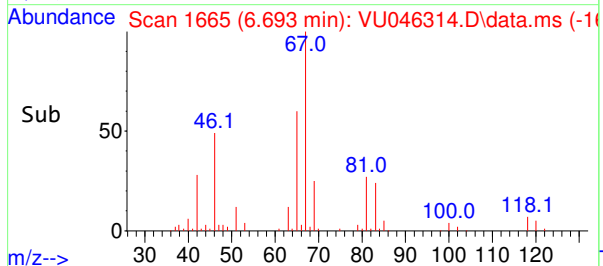
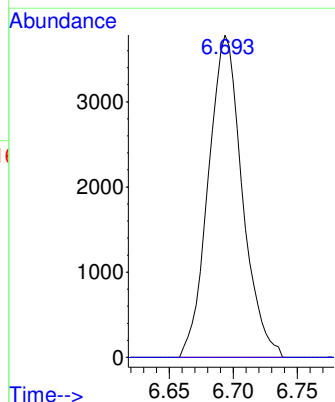
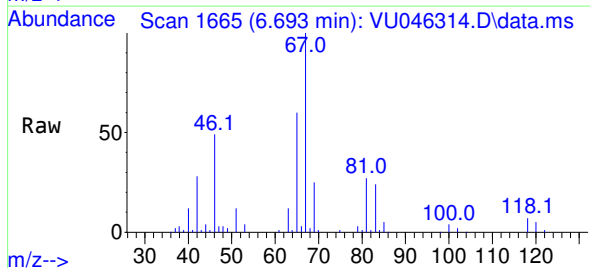
ClientSampleId :

Tgt Ion: 63 Resp: 6980

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 1.01 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.045 min

Lab File: VU046314.D

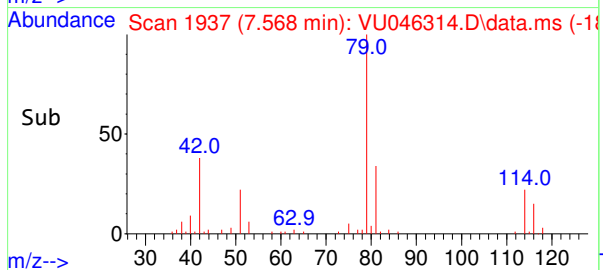
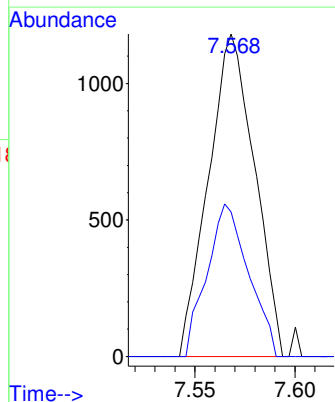
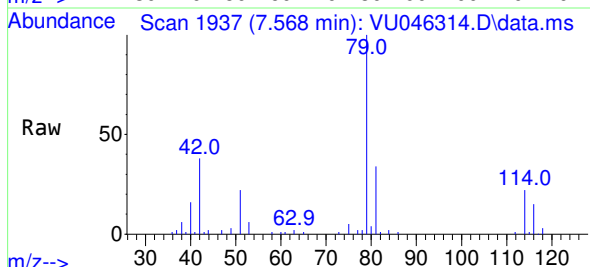
Acq: 13 Dec 2021 14:44

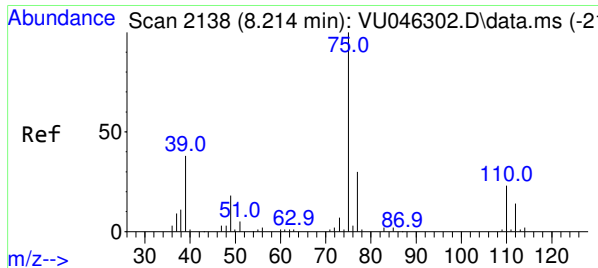
Tgt Ion: 75 Resp: 1894

Ion Ratio Lower Upper

75 100

77 44.8 21.8 40.6#

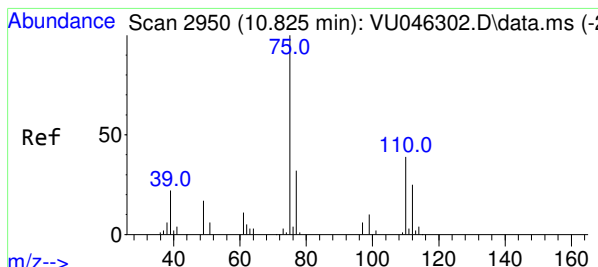
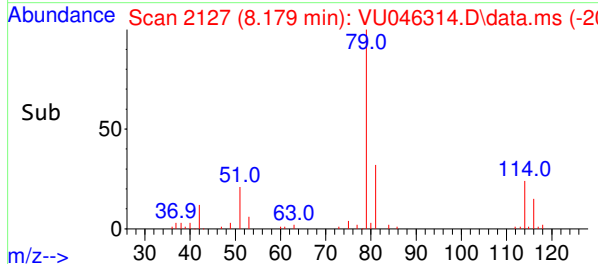
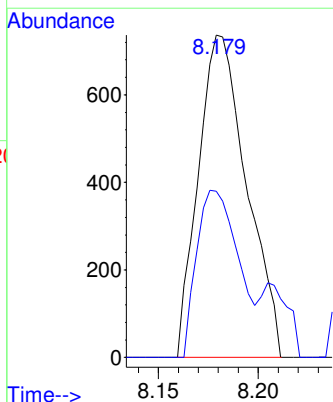
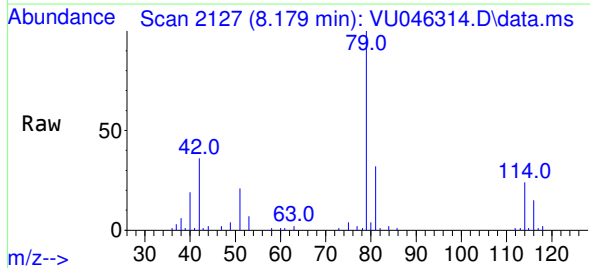




#44
trans-1,3-Dichloropropene
Concen: 0.67 ug/L
RT: 8.179 min Scan# 2138
Delta R.T. -0.036 min
Lab File: VU046314.D
Acq: 13 Dec 2021 14:44

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 1237
Ion Ratio Lower Upper
75 100
77 51.6 21.7 40.3#



#60
1,2,3-Trichloropropane
Concen: 5.75 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU046314.D
Acq: 13 Dec 2021 14:44

Tgt Ion: 75 Resp: 9639
Ion Ratio Lower Upper
75 100
77 33.7 26.4 39.6
110 1.9 32.4 48.6#

