

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121321\
 Data File : VU046304.D
 Acq On : 13 Dec 2021 10:49
 Operator : SY/MD
 Sample : VU1213WBL01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 13 11:07:31 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

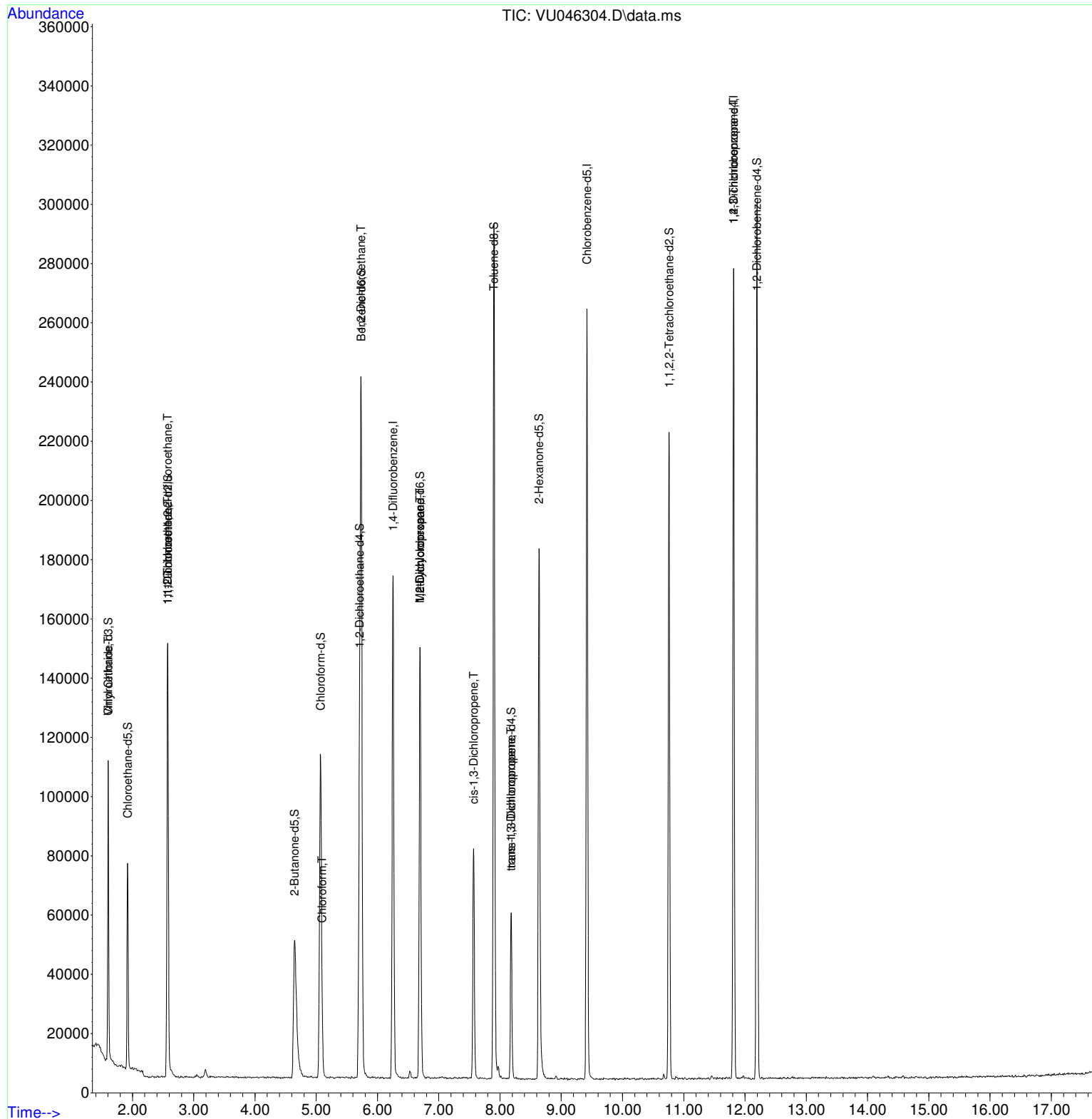
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	135837	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	142665	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	70850	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	69055	61.71	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 123.42%			
7) Chloroethane-d5	1.919	69	50061	58.27	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 116.54%			
11) 1,1-Dichloroethene-d2	2.575	63	88476	44.05	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 88.10%			
21) 2-Butanone-d5	4.646	46	99580	111.95	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 111.95%			
24) Chloroform-d	5.070	84	102651	54.93	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 109.86%			
26) 1,2-Dichloroethane-d4	5.707	65	73032	58.24	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 116.48%			
32) Benzene-d6	5.732	84	221844	54.25	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 108.50%			
36) 1,2-Dichloropropane-d6	6.694	67	69533	54.87	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 109.74%			
41) Toluene-d8	7.900	98	193324	51.93	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.86%			
43) trans-1,3-Dichloroprop...	8.182	79	31984	52.28	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 104.56%			
47) 2-Hexanone-d5	8.636	63	66458	110.61	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 110.61%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	106459	55.39	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 110.78%			
66) 1,2-Dichlorobenzene-d4	12.195	152	74171	54.36	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 108.72%			
Target Compounds						
					Qvalue	
8) Chloroethane	1.604	64	1007	1.30	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	734	0.74	ug/L #	21
12) 1,1-Dichloroethene	2.572	96	569	0.61	ug/L #	1
25) Chloroform	5.093	83	9636	4.80	ug/L	99
27) 1,2-Dichloroethane	5.729	62	1112	0.75	ug/L #	73
35) Methylcyclohexane	6.694	83	16797	9.52	ug/L #	21
37) 1,2-Dichloropropane	6.694	63	7445	6.58	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	1920	1.12	ug/L #	70
44) trans-1,3-Dichloropropene	8.179	75	1354	0.80	ug/L #	67
60) 1,2,3-Trichloropropane	11.813	75	9100	5.86	ug/L #	65

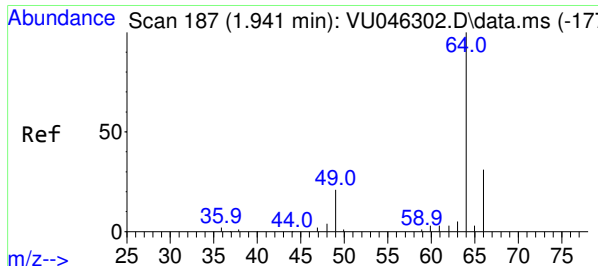
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Dec 03 05:08:36 2021
Response via : Initial Calibration





#8

Chloroethane

Concen: 1.30 ug/L

RT: 1.604 min Scan# 8

Delta R.T. -0.334 min

Lab File: VU046304.D

Acq: 13 Dec 2021 10:49

Instrument :

MSVOA_U

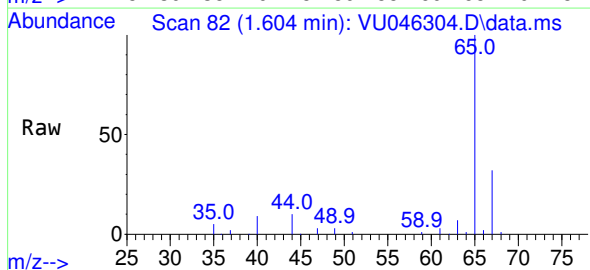
ClientSampleId :

Tgt Ion: 64 Resp: 1007

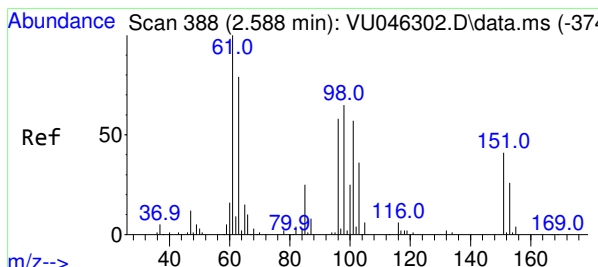
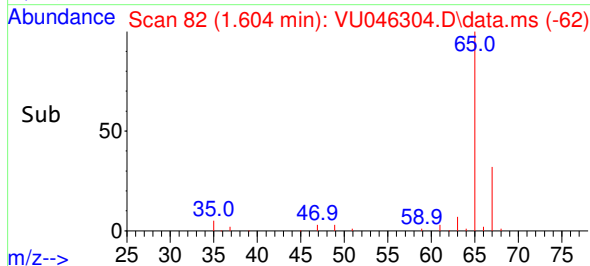
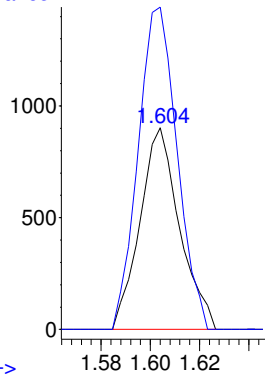
Ion Ratio Lower Upper

64 100

66 160.0 22.5 41.9#



Abundance



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.74 ug/L

RT: 2.572 min Scan# 383

Delta R.T. -0.016 min

Lab File: VU046304.D

Acq: 13 Dec 2021 10:49

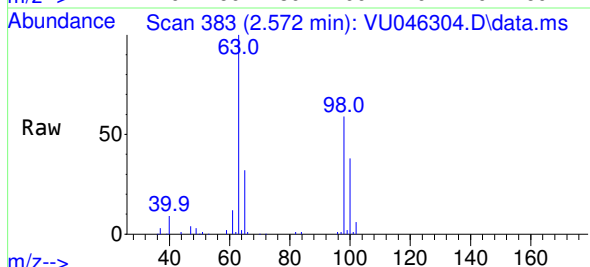
Tgt Ion:101 Resp: 734

Ion Ratio Lower Upper

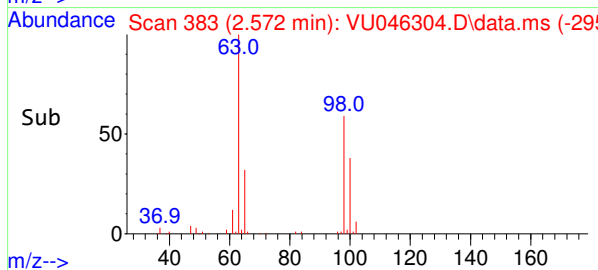
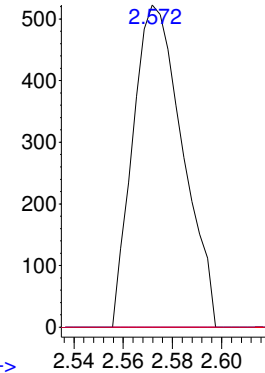
101 100

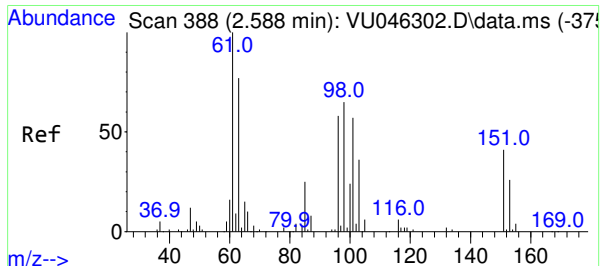
85 0.0 35.1 52.7#

151 0.0 56.7 85.1#



Abundance

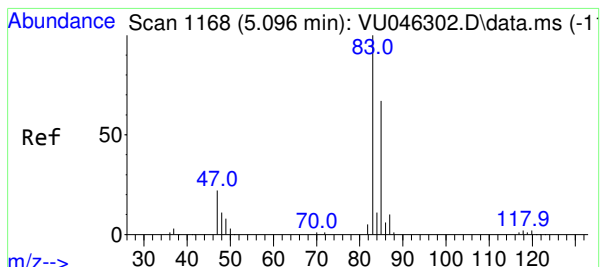
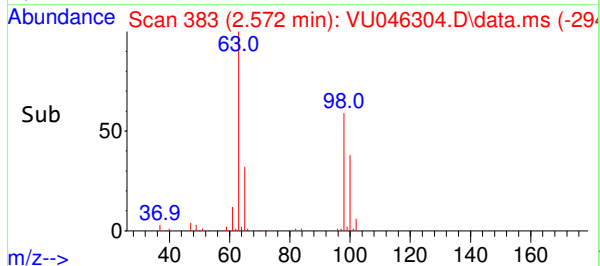
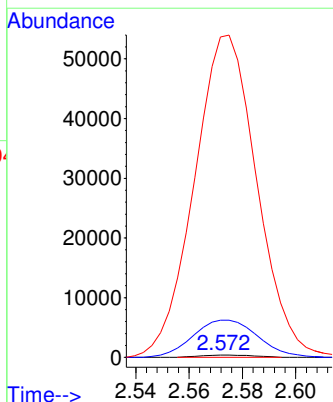
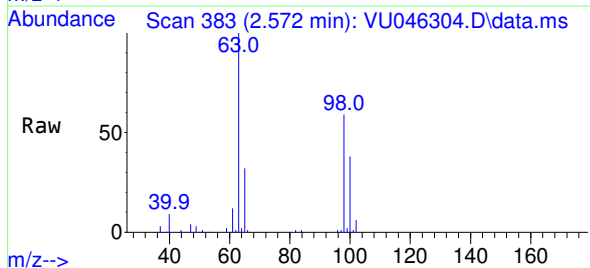




#12
1,1-Dichloroethene
Concen: 0.61 ug/L
RT: 2.572 min Scan# 3
Delta R.T. -0.013 min
Lab File: VU046304.D
Acq: 13 Dec 2021 10:49

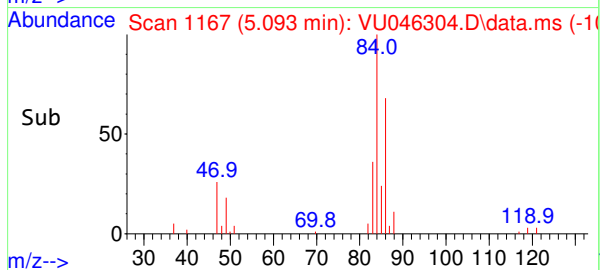
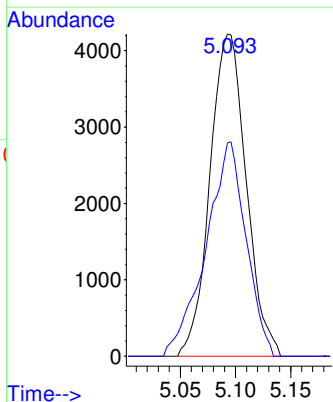
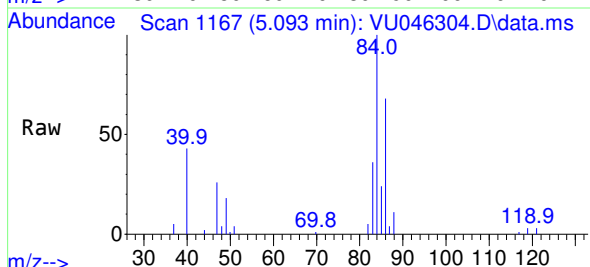
Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 569
Ion Ratio Lower Upper
96 100
61 1636.2 118.6 220.2#
63 14089.2 93.0 172.8#

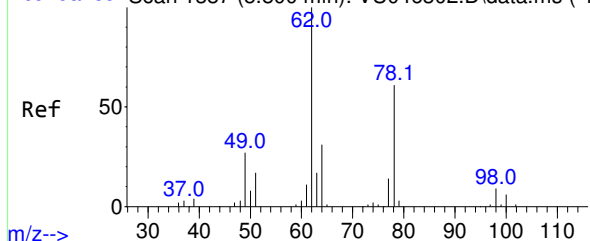


#25
Chloroform
Concen: 4.80 ug/L
RT: 5.093 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VU046304.D
Acq: 13 Dec 2021 10:49

Tgt Ion: 83 Resp: 9636
Ion Ratio Lower Upper
83 100
85 66.2 45.8 85.2



Abundance Scan 1387 (5.800 min): VU046302.D\data.ms (-1



#27

1,2-Dichloroethane

Concen: 0.75 ug/L

RT: 5.729 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU046304.D

Acq: 13 Dec 2021 10:49

Instrument :

MSVOA_U

ClientSampleId :

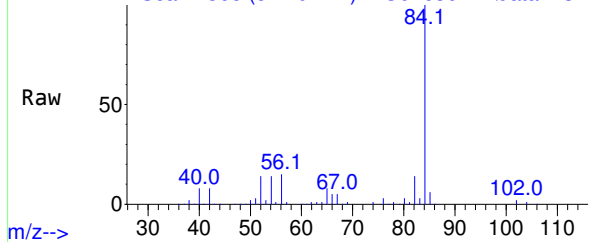
Tgt Ion: 62 Resp: 1112

Ion Ratio Lower Upper

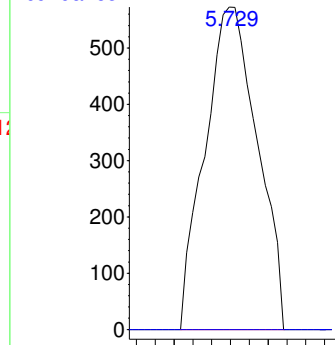
62 100

98 0.0 7.9 11.9#

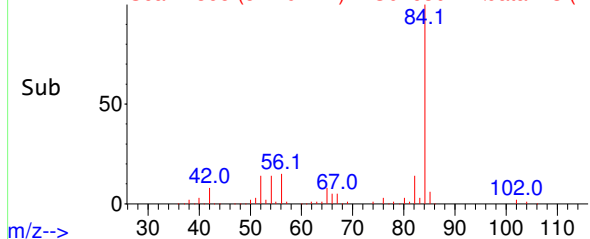
Abundance Scan 1365 (5.729 min): VU046304.D\data.ms



Abundance

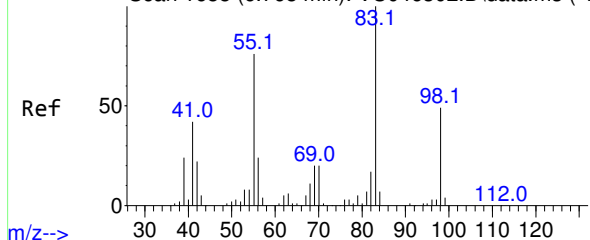


Abundance Scan 1365 (5.729 min): VU046304.D\data.ms (-1



Time-->

Abundance Scan 1688 (6.768 min): VU046302.D\data.ms (-1



#35

Methylcyclohexane

Concen: 9.52 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.074 min

Lab File: VU046304.D

Acq: 13 Dec 2021 10:49

Tgt Ion: 83 Resp: 16797

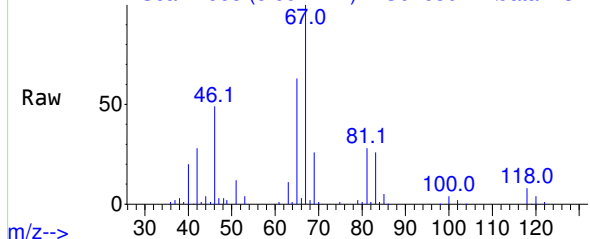
Ion Ratio Lower Upper

83 100

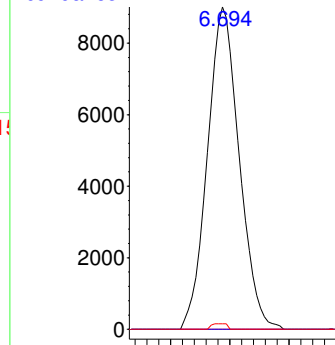
55 0.0 57.8 86.6#

98 2.3 38.4 57.6#

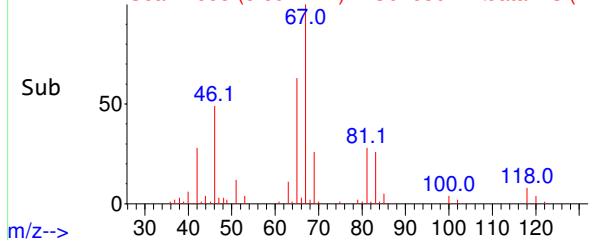
Abundance Scan 1665 (6.694 min): VU046304.D\data.ms



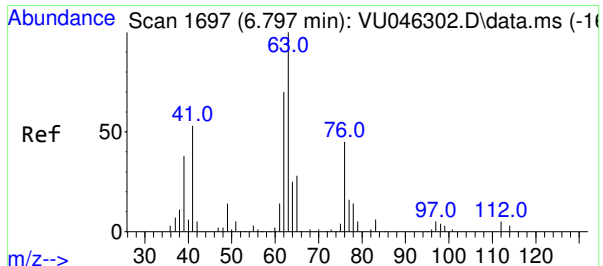
Abundance



Abundance Scan 1665 (6.694 min): VU046304.D\data.ms (-1



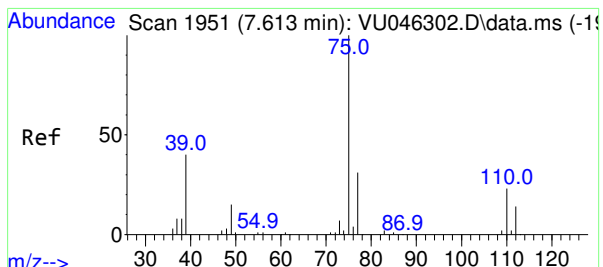
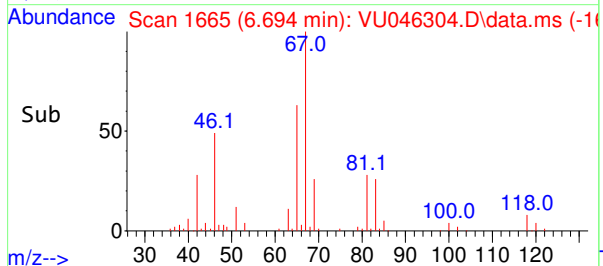
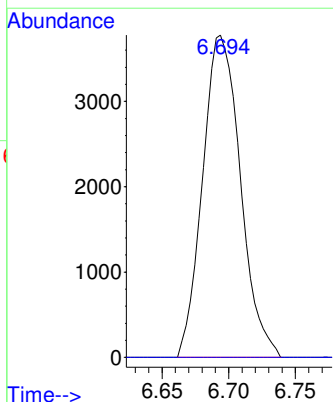
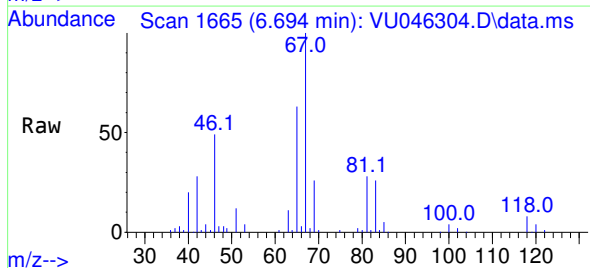
Time-->



#37
1,2-Dichloropropane
Concen: 6.58 ug/L
RT: 6.694 min Scan# 1
Delta R.T. -0.099 min
Lab File: VU046304.D
Acq: 13 Dec 2021 10:49

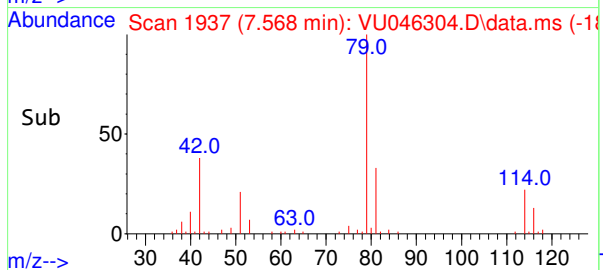
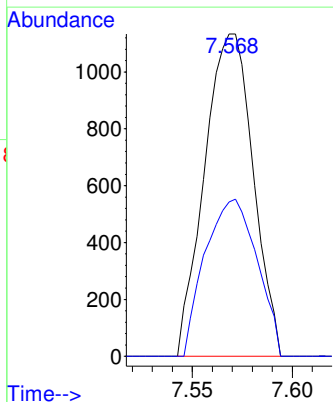
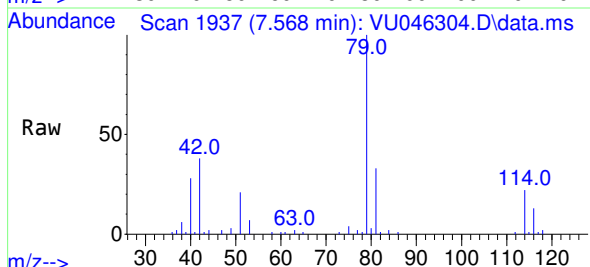
Instrument :
MSVOA_U
ClientSampleId :

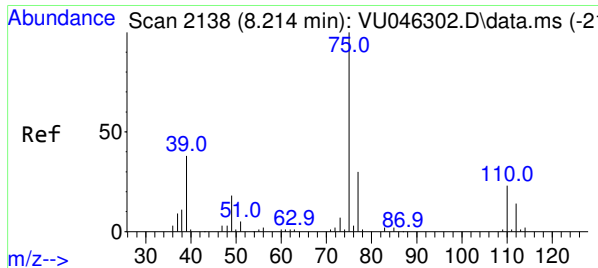
Tgt Ion: 63 Resp: 7445
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#



#39
cis-1,3-Dichloropropene
Concen: 1.12 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.042 min
Lab File: VU046304.D
Acq: 13 Dec 2021 10:49

Tgt Ion: 75 Resp: 1920
Ion Ratio Lower Upper
75 100
77 47.9 21.8 40.6#

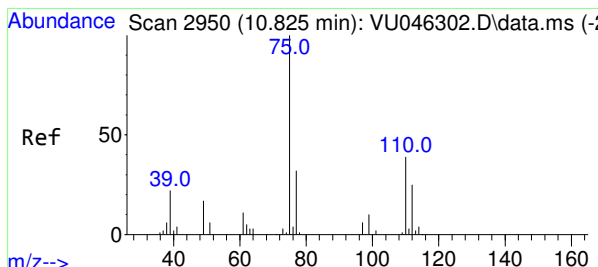
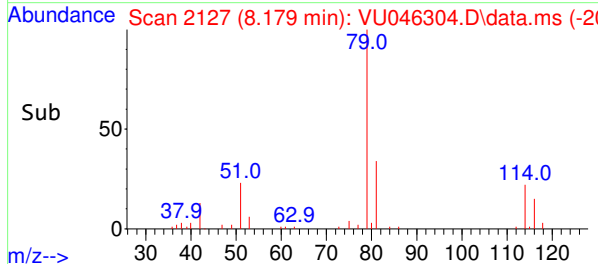
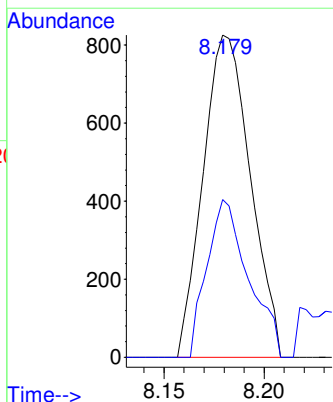
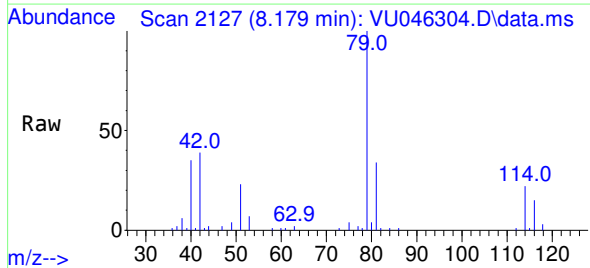




#44
trans-1,3-Dichloropropene
Concen: 0.80 ug/L
RT: 8.179 min Scan# 2138
Delta R.T. -0.035 min
Lab File: VU046304.D
Acq: 13 Dec 2021 10:49

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 1354
Ion Ratio Lower Upper
75 100
77 48.9 21.7 40.3#



#60
1,2,3-Trichloropropane
Concen: 5.86 ug/L
RT: 11.813 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU046304.D
Acq: 13 Dec 2021 10:49

Tgt Ion: 75 Resp: 9100
Ion Ratio Lower Upper
75 100
77 31.9 26.4 39.6
110 2.2 32.4 48.6#

