

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120921\
 Data File : VU046212.D
 Acq On : 09 Dec 2021 12:11
 Operator : SY/MD
 Sample : M4960-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 09 12:36:19 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)

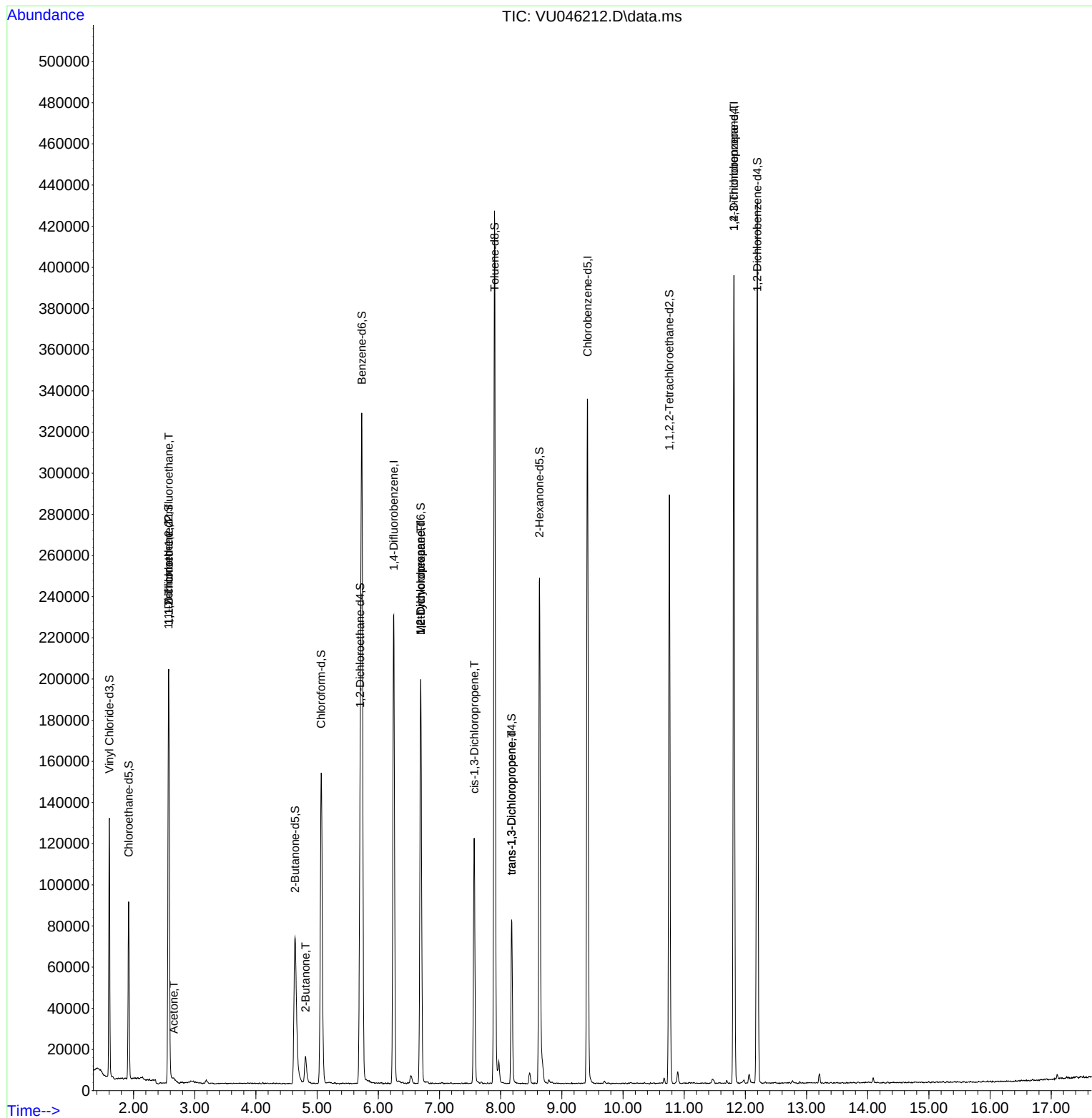
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	192465	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	195525	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	105100	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	89276	56.310	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 112.620%			
7) Chloroethane-d5	1.919	69	63084	51.824	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 103.640%			
11) 1,1-Dichloroethene-d2	2.572	63	118476	41.627	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 83.260%			
21) 2-Butanone-d5	4.639	46	130068	103.201	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 103.200%			
24) Chloroform-d	5.067	84	142144	53.688	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 107.380%			
26) 1,2-Dichloroethane-d4	5.703	65	95691	53.855	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 107.720%			
32) Benzene-d6	5.732	84	315314	56.265	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 112.520%			
36) 1,2-Dichloropropane-d6	6.694	67	94548	54.438	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 108.880%			
41) Toluene-d8	7.899	98	289092	56.657	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 113.320%			
43) trans-1,3-Dichloroprop...	8.179	79	46945	55.993	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 111.980%			
47) 2-Hexanone-d5	8.632	63	91972	111.687	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 111.690%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	139402	52.925	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 105.860%			
66) 1,2-Dichlorobenzene-d4	12.195	152	113182	55.919	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 111.840%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	1004	0.717	ug/L #	21
12) 1,1-Dichloroethene	2.575	96	830	0.624	ug/L #	1
13) Acetone	2.655	43	3350	2.127	ug/L	99
22) 2-Butanone	4.809	43	17303	10.091	ug/L #	46
35) Methylcyclohexane	6.694	83	23017	9.522	ug/L #	20
37) 1,2-Dichloropropane	6.694	63	10182	6.568	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	2779	1.178	ug/L #	77
44) trans-1,3-Dichloropropene	8.179	75	1752	0.756	ug/L	84
60) 1,2,3-Trichloropropane	11.812	75	12557	5.450	ug/L #	65

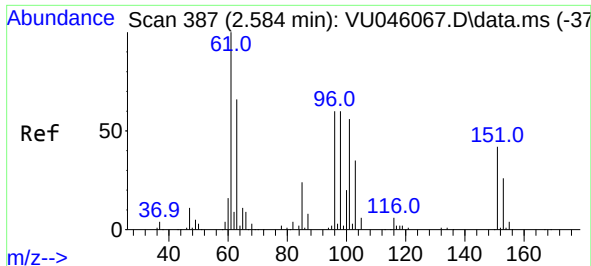
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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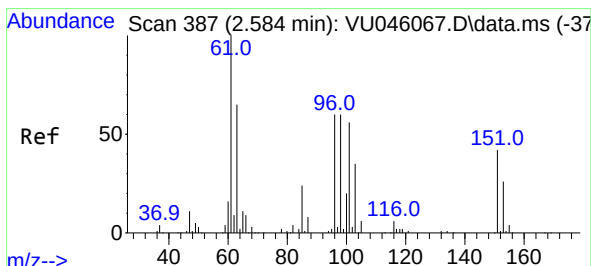
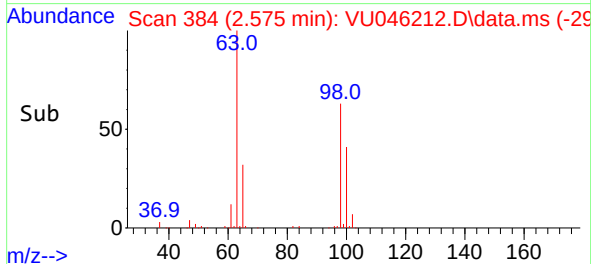
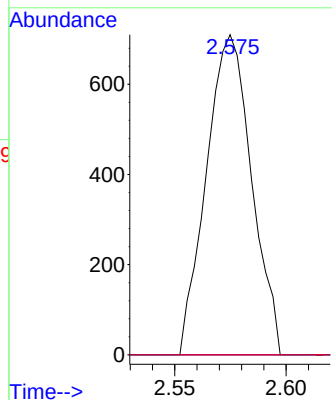
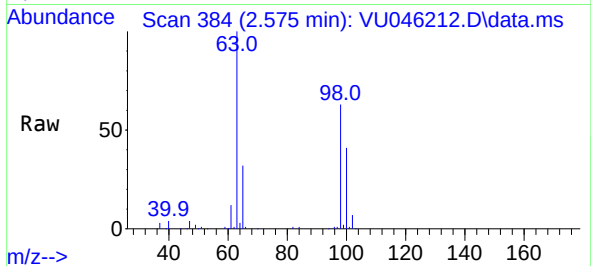




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.717 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.013 min
Lab File: VU046212.D
Acq: 09 Dec 2021 12:11

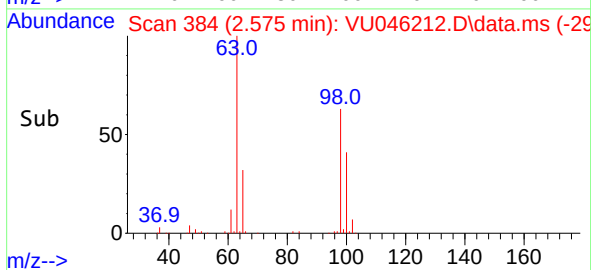
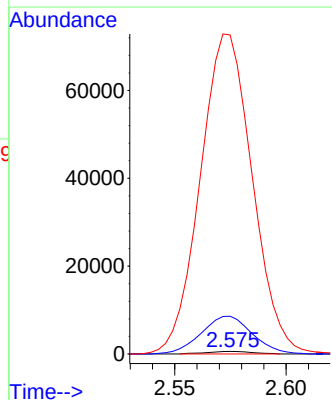
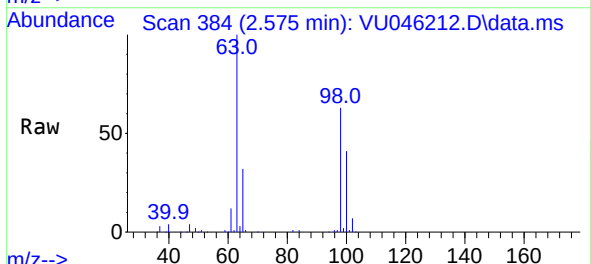
Instrument :
MSVOA_U
ClientSampleId :

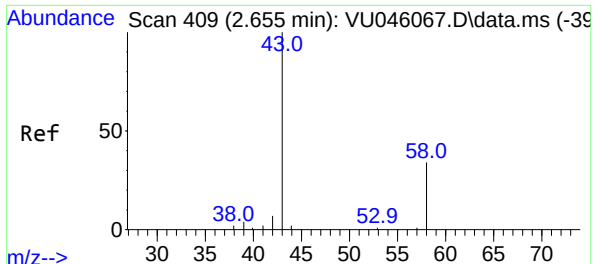
Tgt Ion:101 Resp: 1004
Ion Ratio Lower Upper
101 100
85 0.0 35.1 52.7#
151 0.0 56.7 85.1#



#12
1,1-Dichloroethene
Concen: 0.624 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.010 min
Lab File: VU046212.D
Acq: 09 Dec 2021 12:11

Tgt Ion: 96 Resp: 830
Ion Ratio Lower Upper
96 100
61 1480.2 118.6 220.2#
63 12502.6 93.0 172.8#

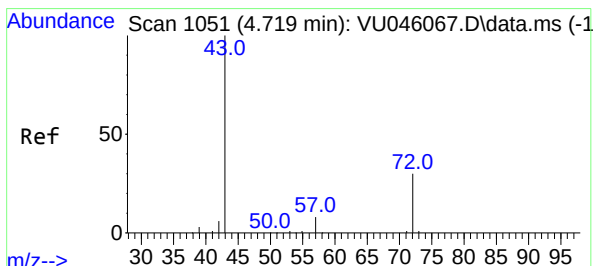
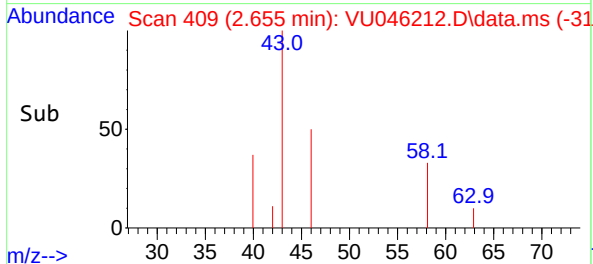
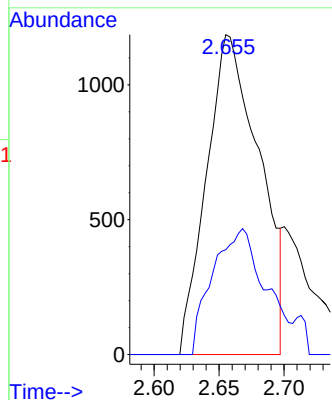
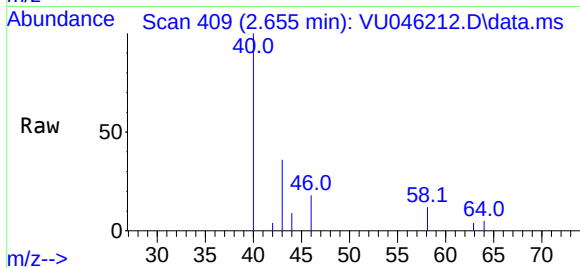




#13
Acetone
Concen: 2.127 ug/L
RT: 2.655 min Scan# 409
Delta R.T. -0.006 min
Lab File: VU046212.D
Acq: 09 Dec 2021 12:11

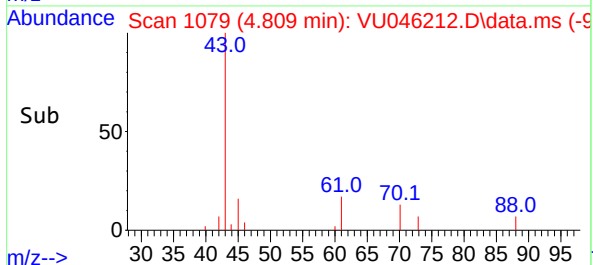
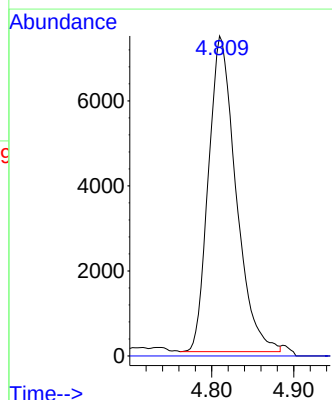
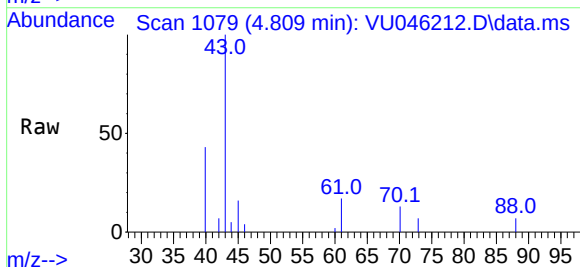
Instrument :
MSVOA_U
ClientSampleId :

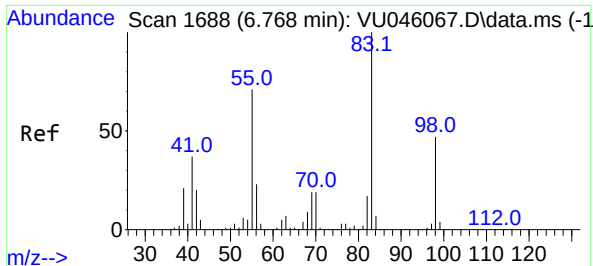
Tgt Ion: 43 Resp: 3350
Ion Ratio Lower Upper
43 100
58 32.6 0.0 66.8



#22
2-Butanone
Concen: 10.091 ug/L
RT: 4.809 min Scan# 1079
Delta R.T. 0.087 min
Lab File: VU046212.D
Acq: 09 Dec 2021 12:11

Tgt Ion: 43 Resp: 17303
Ion Ratio Lower Upper
43 100
72 0.0 14.5 43.6#





#35

Methylcyclohexane

Concen: 9.522 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.074 min

Lab File: VU046212.D

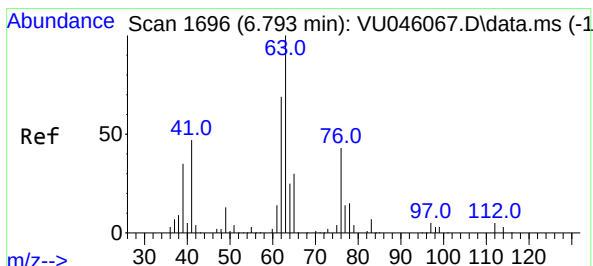
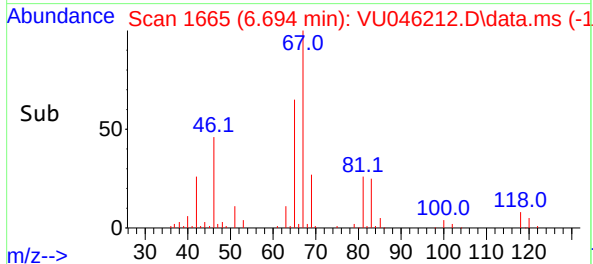
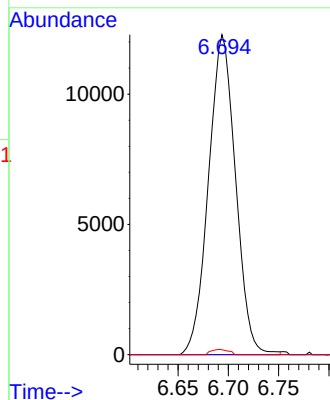
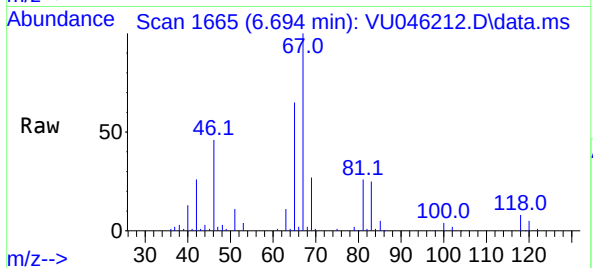
Acq: 09 Dec 2021 12:11

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	23017
Ion	Ratio	Lower	Upper
83	100		
55	0.0	57.8	86.6#
98	1.1	38.4	57.6#



#37

1,2-Dichloropropane

Concen: 6.568 ug/L

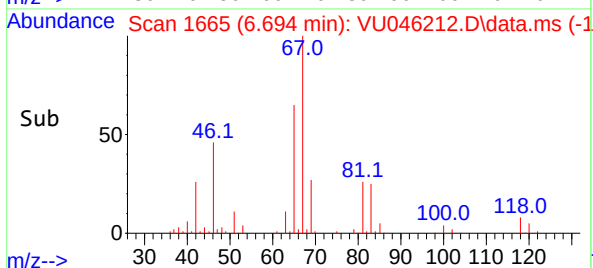
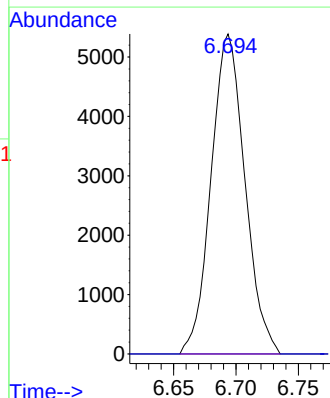
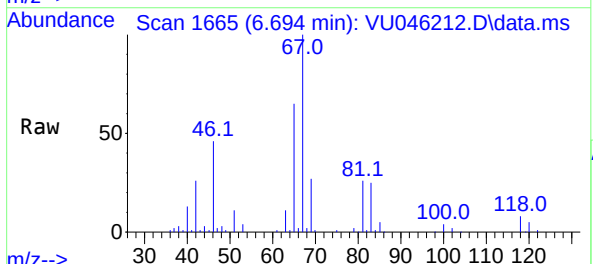
RT: 6.694 min Scan# 1665

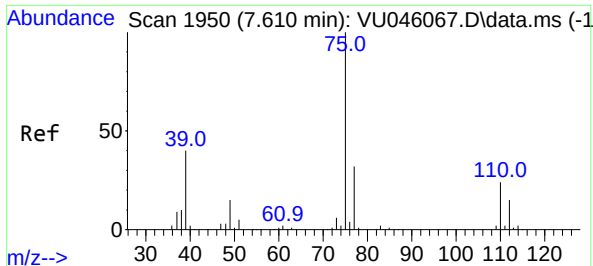
Delta R.T. -0.100 min

Lab File: VU046212.D

Acq: 09 Dec 2021 12:11

Tgt Ion:	63	Resp:	10182
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.6#





#39

cis-1,3-Dichloropropene

Concen: 1.178 ug/L

RT: 7.568 min Scan# 1950

Delta R.T. -0.042 min

Lab File: VU046212.D

Acq: 09 Dec 2021 12:11

Instrument :

MSVOA_U

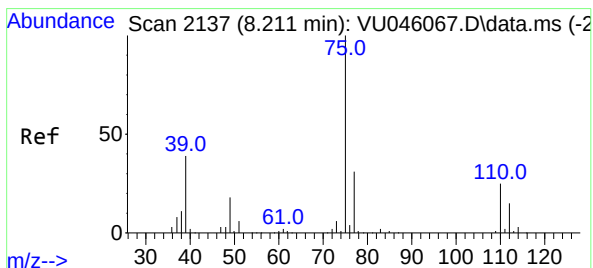
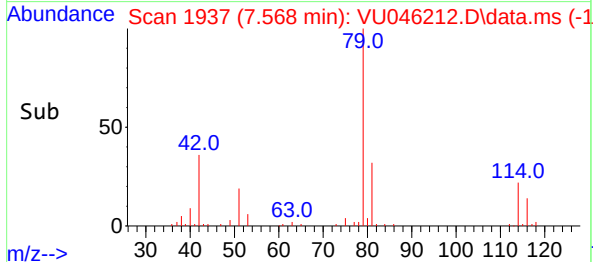
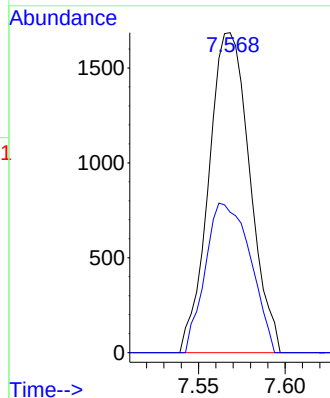
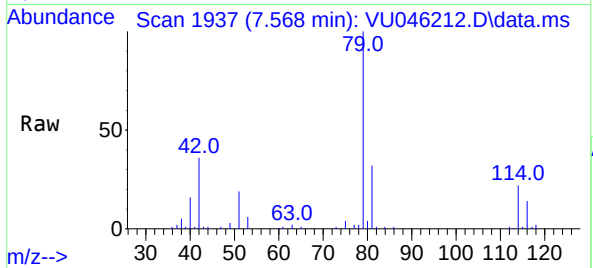
ClientSampleId :

Tgt Ion: 75 Resp: 2779

Ion Ratio Lower Upper

75 100

77 43.9 21.8 40.6#



#44

trans-1,3-Dichloropropene

Concen: 0.756 ug/L

RT: 8.179 min Scan# 2127

Delta R.T. -0.035 min

Lab File: VU046212.D

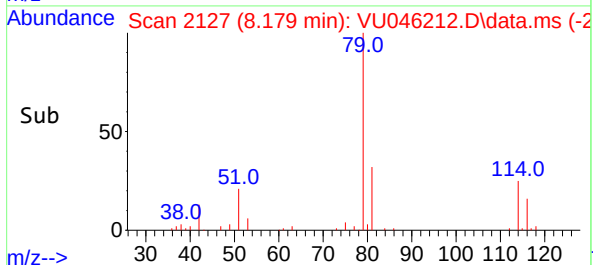
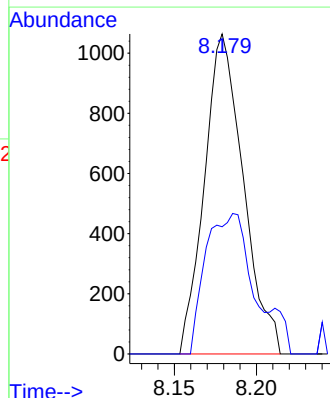
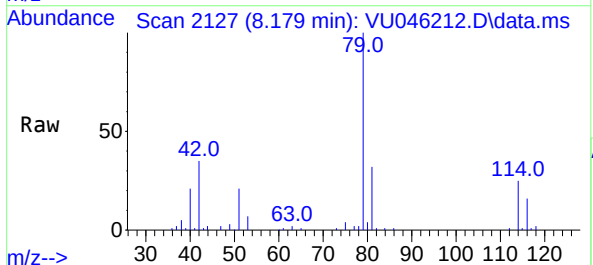
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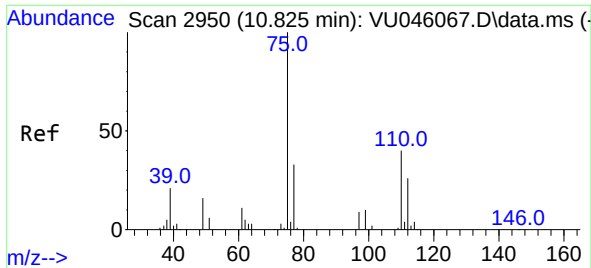
Tgt Ion: 75 Resp: 1752

Ion Ratio Lower Upper

75 100

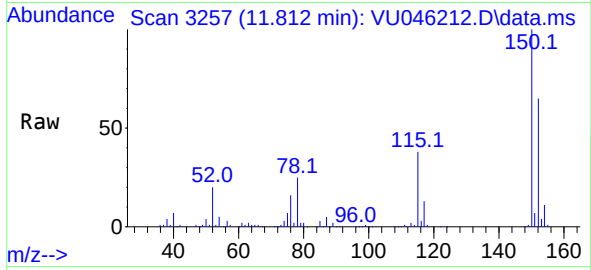
77 39.8 21.7 40.3





#60
1,2,3-Trichloropropane
Concen: 5.450 ug/L
RT: 11.812 min Scan# 31
Delta R.T. 0.987 min
Lab File: VU046212.D
Acq: 09 Dec 2021 12:11

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 12557

Ion	Ratio	Lower	Upper
75	100		
77	31.6	26.4	39.6
110	2.6	32.4	48.6#

