

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121421\
 Data File : VU046370.D
 Acq On : 14 Dec 2021 20:39
 Operator : SY/MD
 Sample : M5002-11
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0CY1

Quant Time: Dec 15 03:45:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 15 03:40:56 2021
 Response via : Initial Calibration

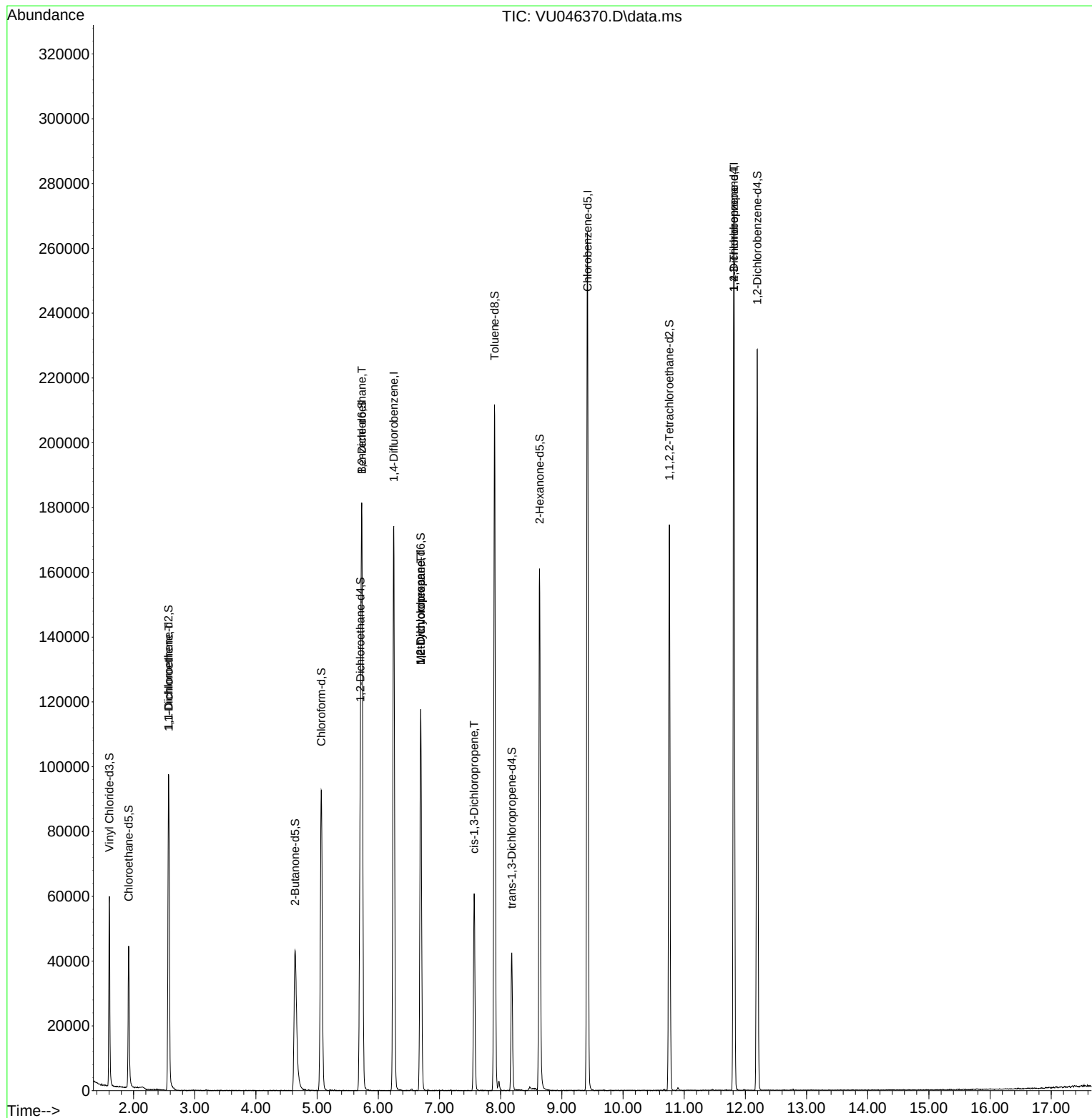
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	140010	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	146449	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	70732	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	43877	38.044	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	76.080%	
7) Chloroethane-d5	1.919	69	34208	38.631	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	77.260%	
11) 1,1-Dichloroethene-d2	2.571	63	58221	28.120	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	56.240%#	
21) 2-Butanone-d5	4.639	46	81639	89.044	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	89.040%	
24) Chloroform-d	5.070	84	88219	45.804	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	91.600%	
26) 1,2-Dichloroethane-d4	5.706	65	59759	46.233	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	92.460%	
32) Benzene-d6	5.732	84	167698	39.952	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	79.900%	
36) 1,2-Dichloropropane-d6	6.693	67	54918	42.216	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	84.440%	
41) Toluene-d8	7.899	98	140180	36.679	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	73.360%#	
43) trans-1,3-Dichloroprop...	8.182	79	25128	40.014	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	80.020%	
47) 2-Hexanone-d5	8.636	63	58417	94.711	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	94.710%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	85046	43.109	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	86.220%	
66) 1,2-Dichlorobenzene-d4	12.195	152	59007	43.318	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	86.640%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.575	96	363	0.375	ug/L #	1
27) 1,2-Dichloroethane	5.732	62	971	0.632	ug/L #	73
35) Methylcyclohexane	6.693	83	13497	7.455	ug/L #	20
37) 1,2-Dichloropropane	6.693	63	5983	5.153	ug/L #	86
39) cis-1,3-Dichloropropene	7.565	75	1502	0.850	ug/L #	73
60) 1,2,3-Trichloropropane	11.812	75	8899	5.739	ug/L #	63

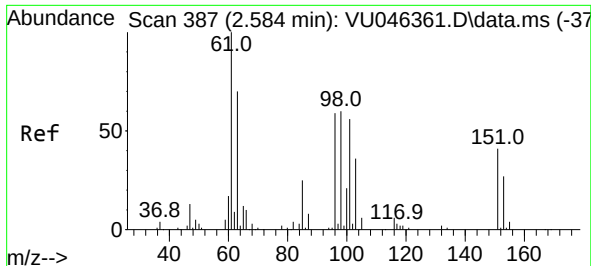
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.375 ug/L

RT: 2.575 min Scan# 387

Delta R.T. -0.010 min

Lab File: VU046370.D

Acq: 14 Dec 2021 20:39

Instrument :

MSVOA_U

ClientSampleId :

C0CY1

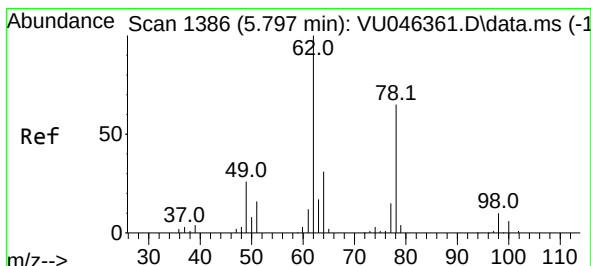
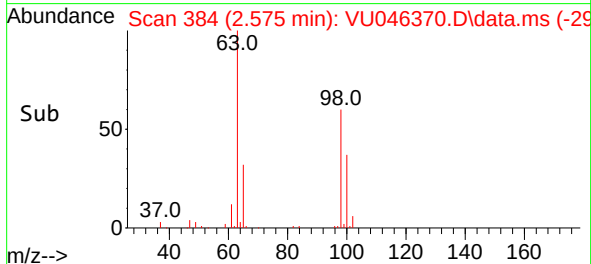
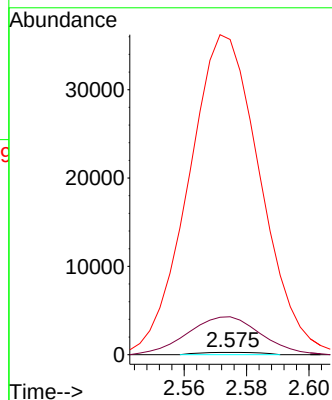
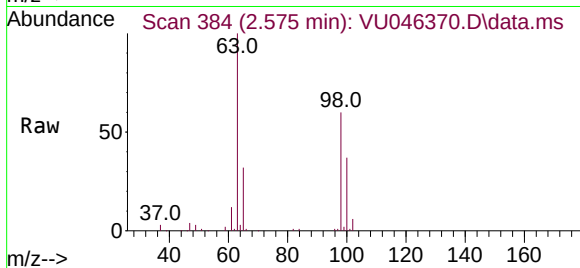
Tgt Ion: 96 Resp: 363

Ion Ratio Lower Upper

96 100

61 1624.6 118.6 220.2#

63 13518.2 93.0 172.8#



#27

1,2-Dichloroethane

Concen: 0.632 ug/L

RT: 5.732 min Scan# 1366

Delta R.T. -0.064 min

Lab File: VU046370.D

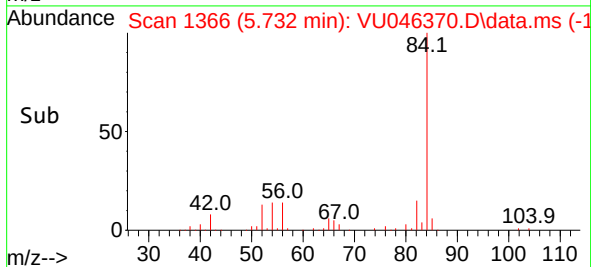
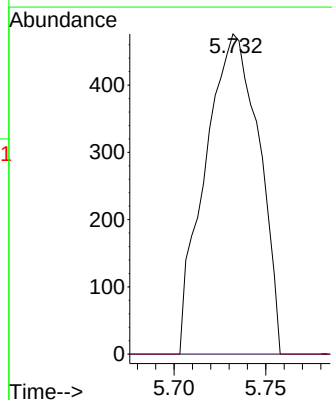
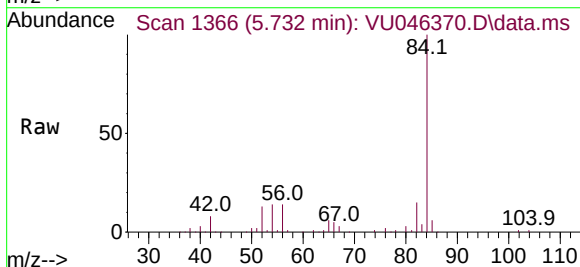
Acq: 14 Dec 2021 20:39

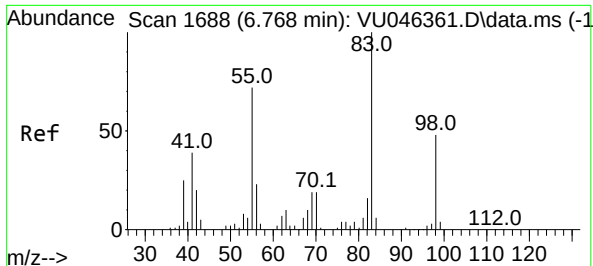
Tgt Ion: 62 Resp: 971

Ion Ratio Lower Upper

62 100

98 0.0 7.9 11.9#

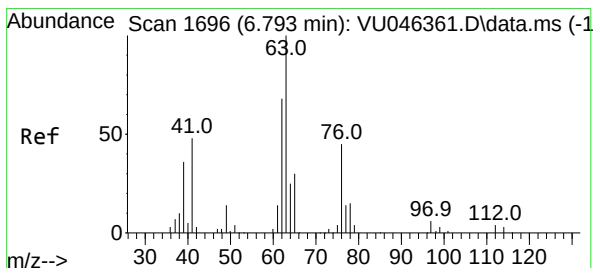
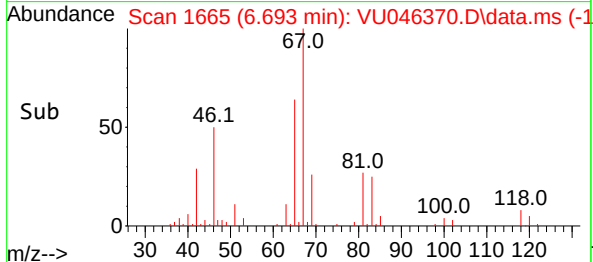
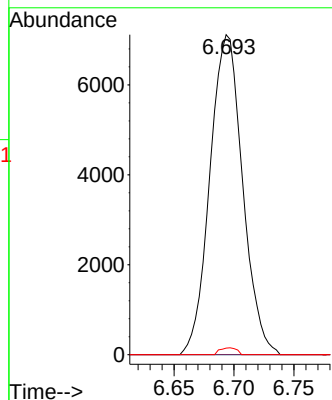
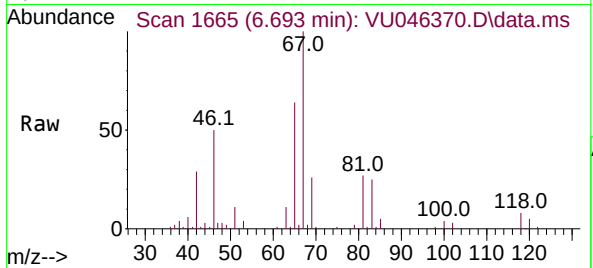




#35
Methylcyclohexane
Concen: 7.455 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU046370.D
Acq: 14 Dec 2021 20:39

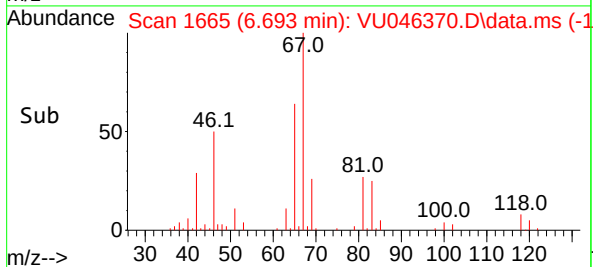
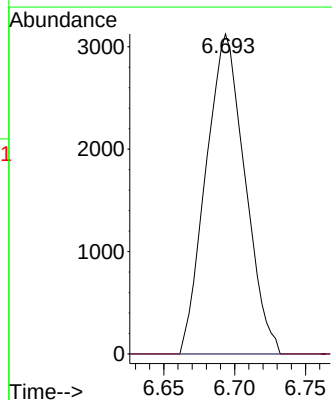
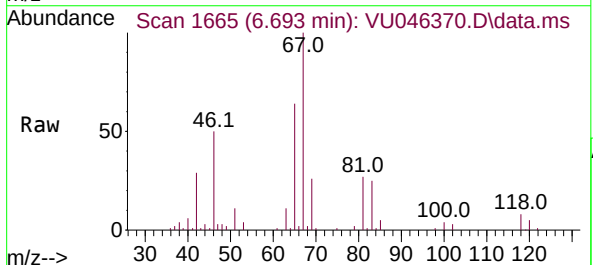
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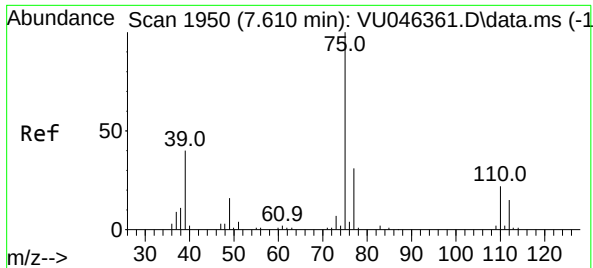
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	57.8	86.6#
98	1.1	38.4	57.6#



#37
1,2-Dichloropropane
Concen: 5.153 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.100 min
Lab File: VU046370.D
Acq: 14 Dec 2021 20:39

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





#39

cis-1,3-Dichloropropene

Concen: 0.850 ug/L

RT: 7.565 min Scan# 1950

Delta R.T. -0.045 min

Lab File: VU046370.D

Acq: 14 Dec 2021 20:39

Instrument :

MSVOA_U

ClientSampleId :

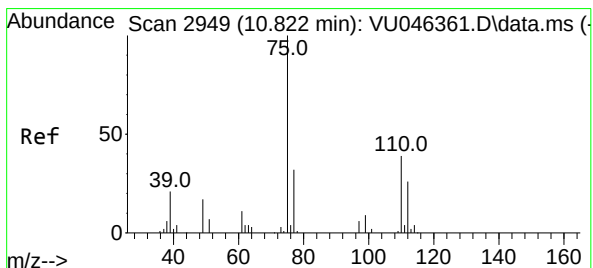
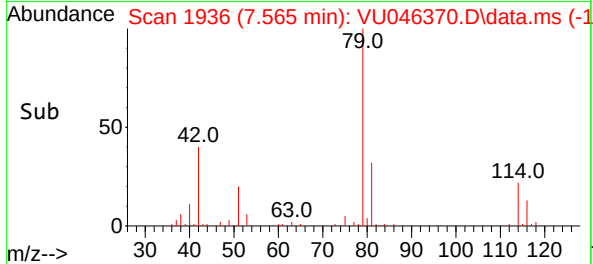
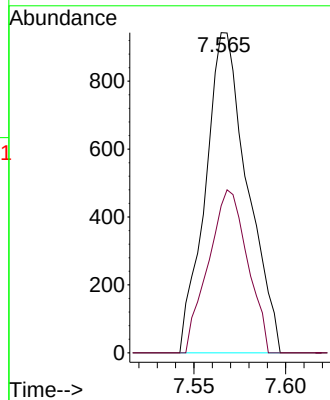
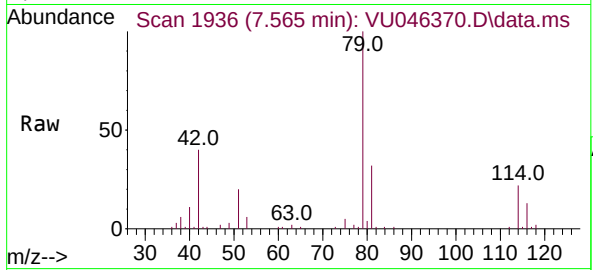
C0CY1

Tgt Ion: 75 Resp: 1502

Ion Ratio Lower Upper

75 100

77 45.9 21.8 40.6#



#60

1,2,3-Trichloropropane

Concen: 5.739 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.990 min

Lab File: VU046370.D

Acq: 14 Dec 2021 20:39

Tgt Ion: 75 Resp: 8899

Ion Ratio Lower Upper

75 100

77 31.8 26.4 39.6

110 0.0 32.4 48.6#

