

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120321\
 Data File : VU046085.D
 Acq On : 03 Dec 2021 19:31
 Operator : SY/MD
 Sample : M4869-11
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 04 03:09:18 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

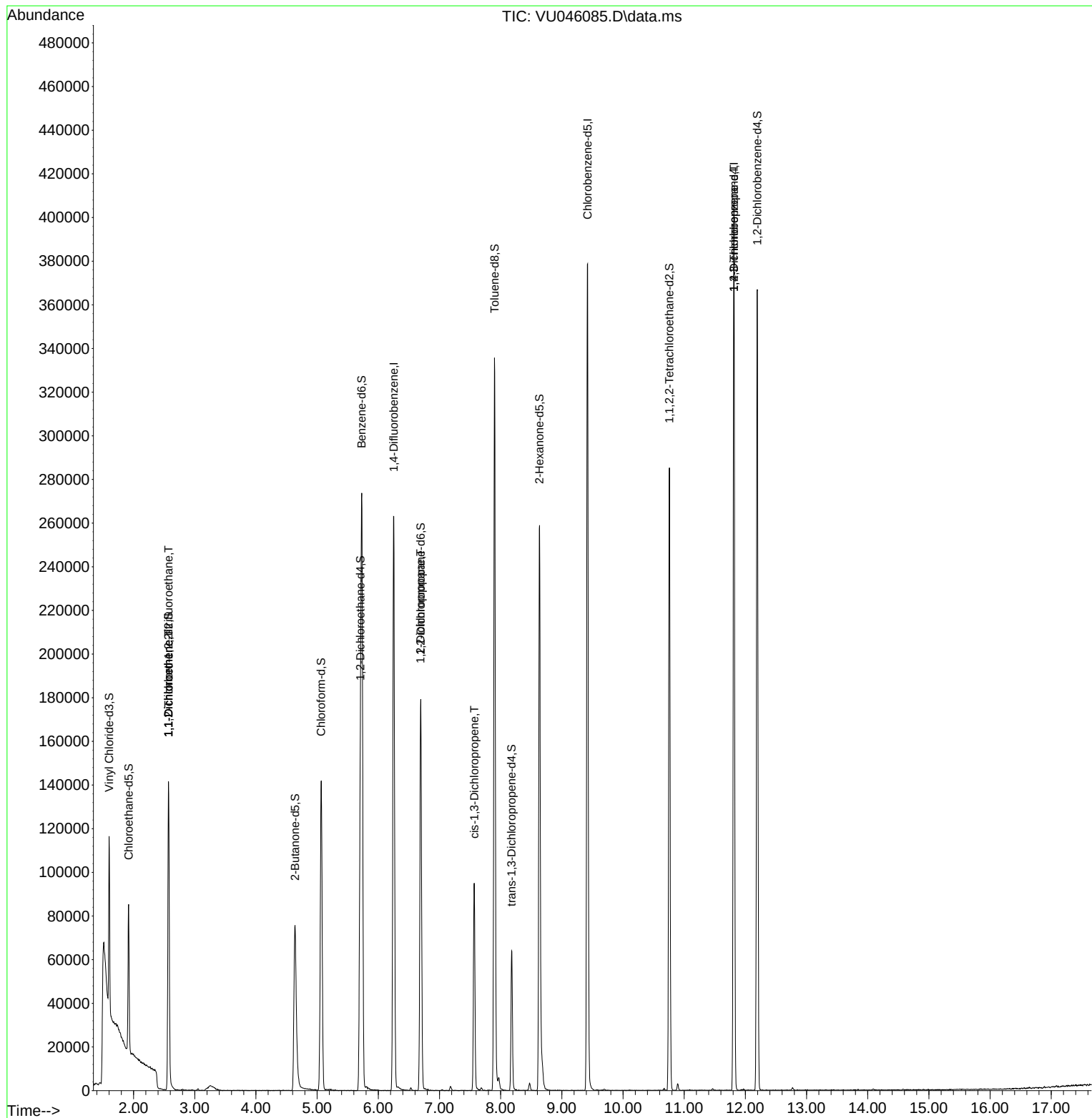
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	220383	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	215387	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	107069	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	54028	29.761	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	59.520%#	
7) Chloroethane-d5	1.919	69	48941	35.112	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	70.220%	
11) 1,1-Dichloroethene-d2	2.571	63	84159	25.824	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	51.640%#	
21) 2-Butanone-d5	4.639	46	132219	91.618	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	91.620%	
24) Chloroform-d	5.067	84	132658	43.758	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	87.520%	
26) 1,2-Dichloroethane-d4	5.706	65	88406	43.452	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	86.900%	
32) Benzene-d6	5.729	84	258294	41.840	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	83.680%	
36) 1,2-Dichloropropane-d6	6.694	67	86711	45.322	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	90.640%	
41) Toluene-d8	7.899	98	225790	40.170	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	80.340%	
43) trans-1,3-Dichloroprop...	8.179	79	37507	40.610	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	81.220%	
47) 2-Hexanone-d5	8.632	63	95630	105.420	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	105.420%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	139763	48.169	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	96.340%	
66) 1,2-Dichlorobenzene-d4	12.195	152	96173	46.642	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	93.280%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	733	0.457	ug/L #	21
12) 1,1-Dichloroethene	2.571	96	695	0.456	ug/L #	1
37) 1,2-Dichloropropane	6.690	63	8992	5.266	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	2238	0.861	ug/L #	56
60) 1,2,3-Trichloropropane	11.812	75	12920	5.505	ug/L #	66

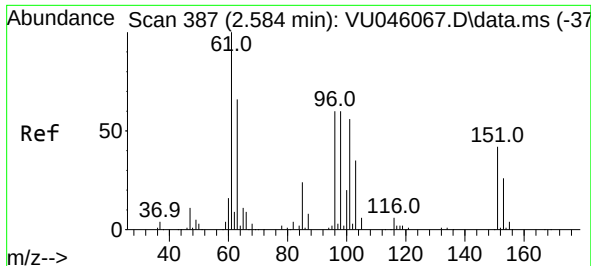
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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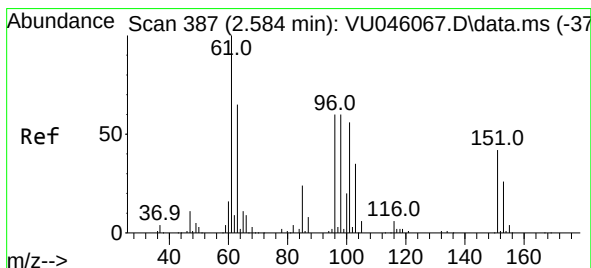
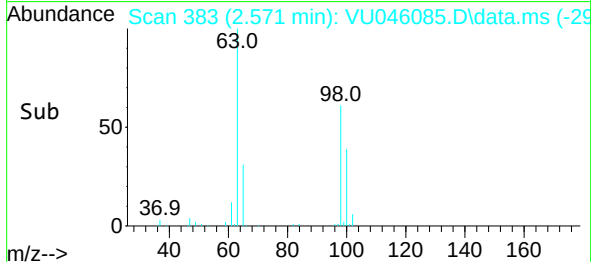
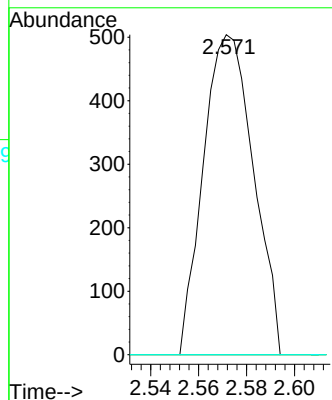
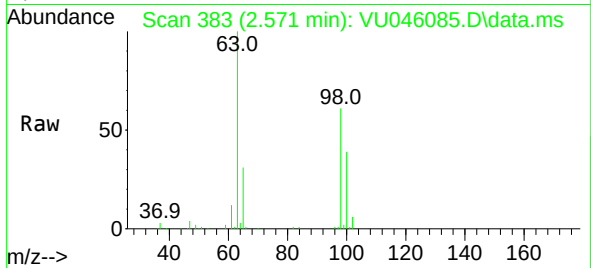




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.457 ug/L
RT: 2.571 min Scan# 383
Delta R.T. -0.016 min
Lab File: VU046085.D
Acq: 03 Dec 2021 19:31

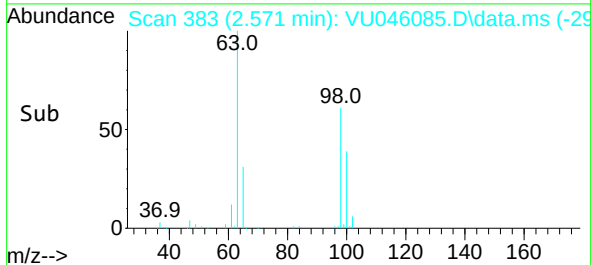
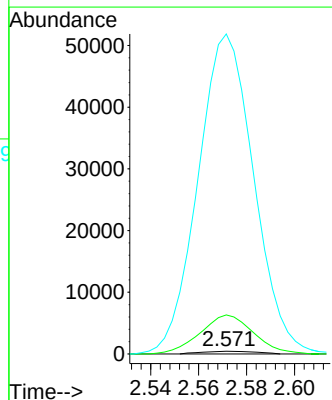
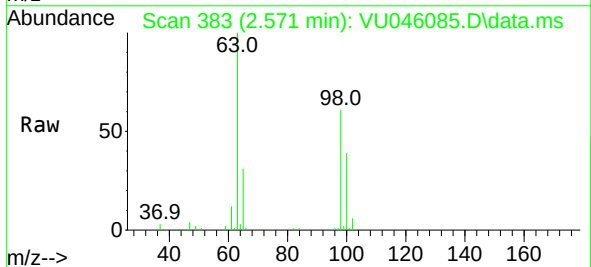
Instrument :
MSVOA_U
ClientSampleId :

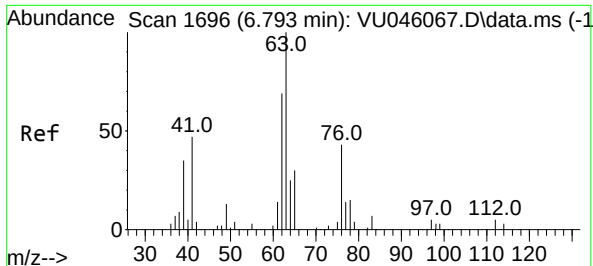
Tgt Ion:101 Resp: 733
Ion Ratio Lower Upper
101 100
85 0.0 35.1 52.7#
151 0.0 56.7 85.1#



#12
1,1-Dichloroethene
Concen: 0.456 ug/L
RT: 2.571 min Scan# 383
Delta R.T. -0.013 min
Lab File: VU046085.D
Acq: 03 Dec 2021 19:31

Tgt Ion: 96 Resp: 695
Ion Ratio Lower Upper
96 100
61 1463.9 118.6 220.2#
63 12007.4 93.0 172.8#





#37

1,2-Dichloropropane

Concen: 5.266 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU046085.D

Acq: 03 Dec 2021 19:31

Instrument :

MSVOA_U

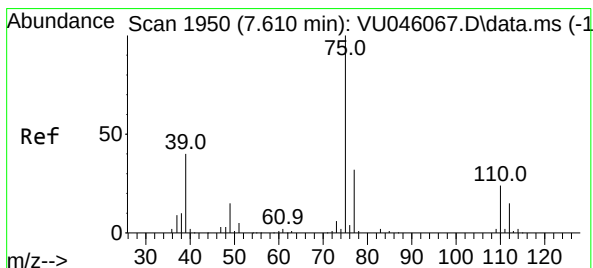
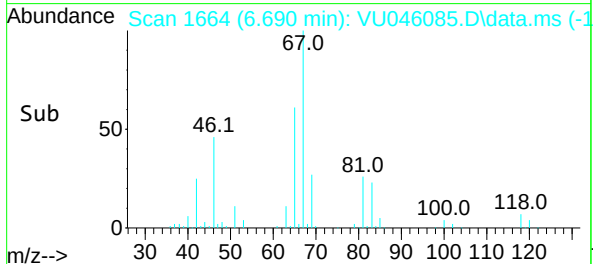
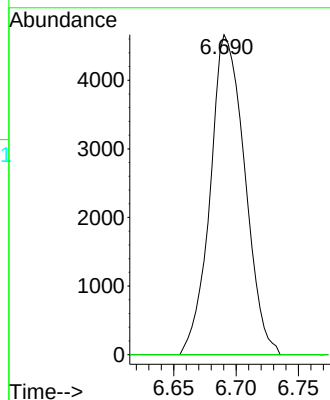
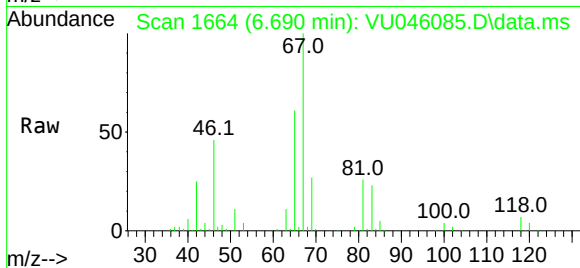
ClientSampleId :

Tgt Ion: 63 Resp: 8992

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.861 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU046085.D

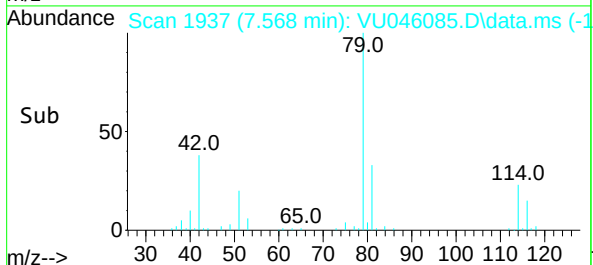
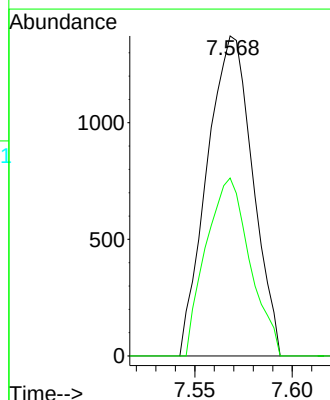
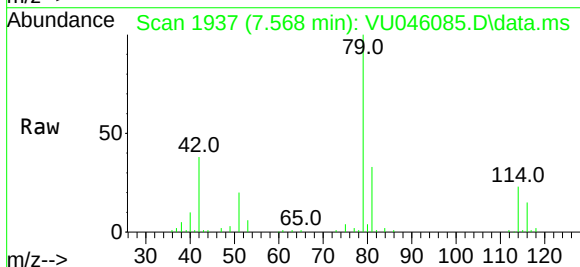
Acq: 03 Dec 2021 19:31

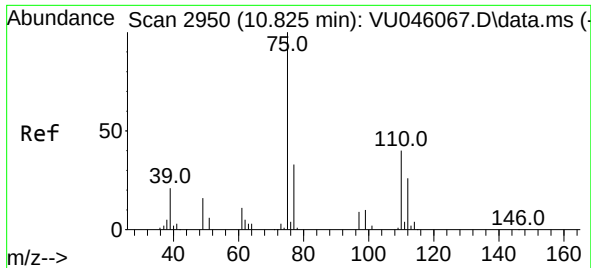
Tgt Ion: 75 Resp: 2238

Ion Ratio Lower Upper

75 100

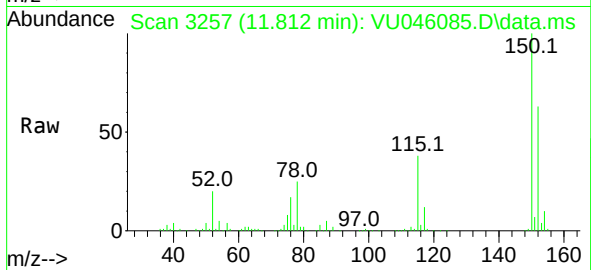
77 55.6 21.8 40.6#





#60
 1,2,3-Trichloropropane
 Concen: 5.505 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU046085.D
 Acq: 03 Dec 2021 19:31

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	75	Resp:	12920
Ion	Ratio	Lower	Upper
75	100		
77	33.3	26.4	39.6
110	2.5	32.4	48.6#

