

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120721\
 Data File : VU046147.D
 Acq On : 07 Dec 2021 18:27
 Operator : SY/MD
 Sample : VU1207WBL02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 08 04:54:26 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)

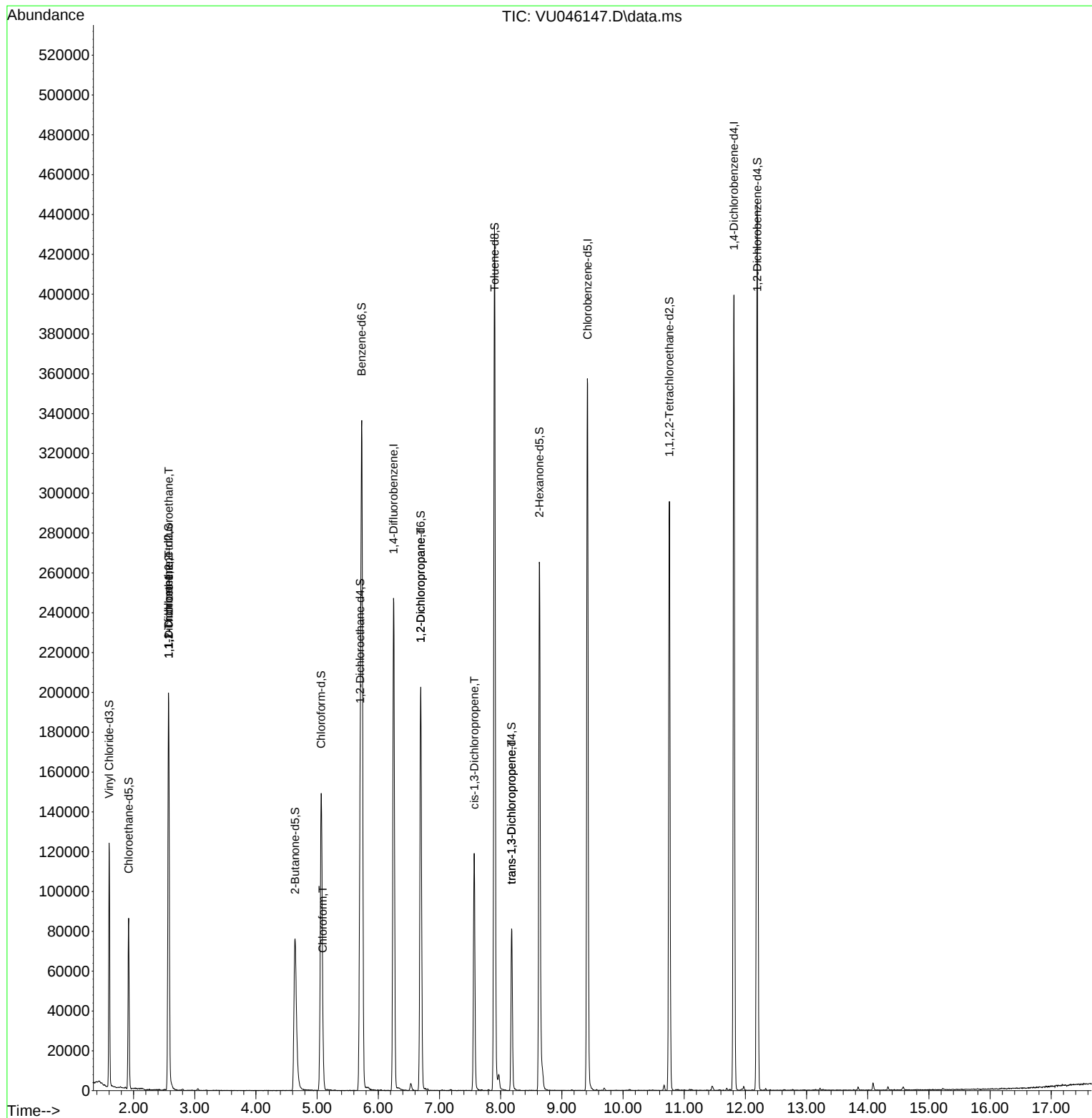
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	209146	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	207574	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	108224	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	85726	49.759	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.520%
7) Chloroethane-d5	1.919	69	62517	47.262	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.520%
11) 1,1-Dichloroethene-d2	2.572	63	117538	38.004	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.000%
21) 2-Butanone-d5	4.639	46	138894	101.414	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.410%
24) Chloroform-d	5.067	84	139302	48.418	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.840%
26) 1,2-Dichloroethane-d4	5.703	65	99294	51.426	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.860%
32) Benzene-d6	5.729	84	322774	54.253	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.500%
36) 1,2-Dichloropropane-d6	6.694	67	97892	53.092	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.180%
41) Toluene-d8	7.899	98	299402	55.271	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.540%
43) trans-1,3-Dichloroprop...	8.179	79	47763	53.662	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	107.320%
47) 2-Hexanone-d5	8.633	63	99674	114.014	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.010%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	145277	51.954	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.900%
66) 1,2-Dichlorobenzene-d4	12.195	152	119232	57.208	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	114.420%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	1202	0.790	ug/L #	21
12) 1,1-Dichloroethene	2.575	96	1031	0.713	ug/L #	1
25) Chloroform	5.092	83	13855	4.481	ug/L	99
37) 1,2-Dichloropropane	6.694	63	10432	6.339	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	2754	1.100	ug/L #	67
44) trans-1,3-Dichloropropene	8.179	75	2062	0.839	ug/L	99

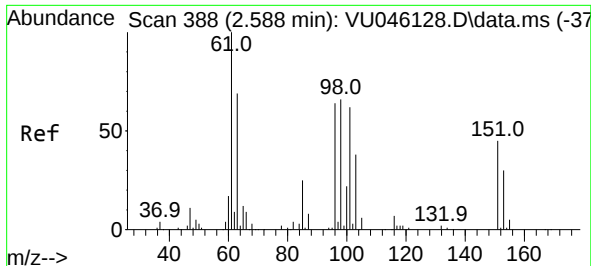
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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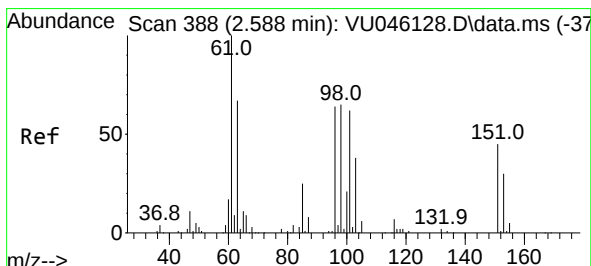
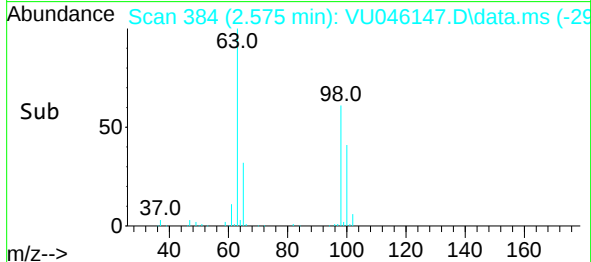
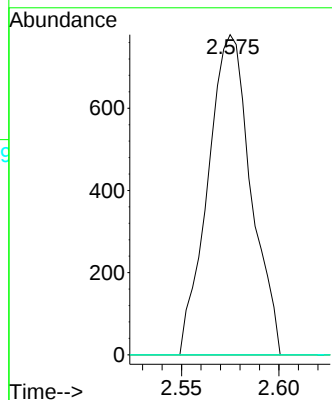
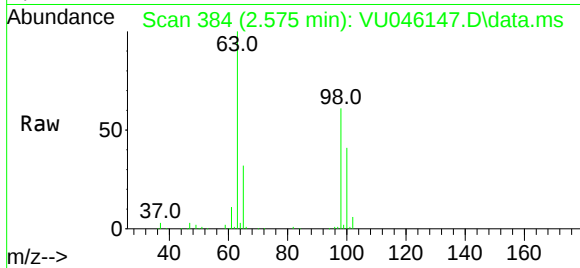




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.790 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.013 min
 Lab File: VU046147.D
 Acq: 07 Dec 2021 18:27

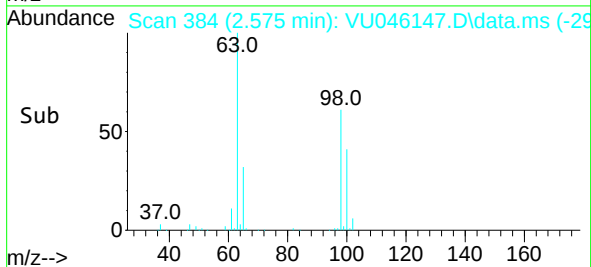
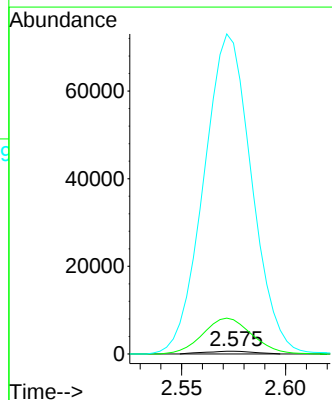
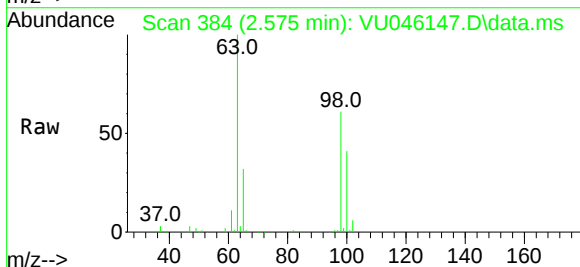
Instrument :
 MSVOA_U
 ClientSampleId :

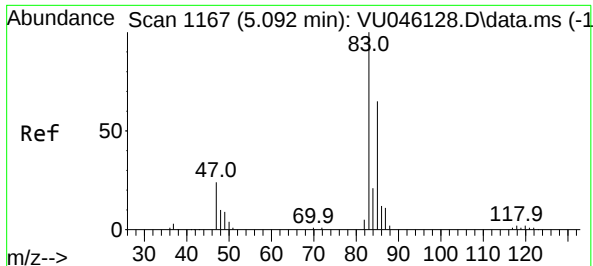
Tgt Ion:101 Resp: 1202
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.1 52.7#
 151 0.0 56.7 85.1#



#12
 1,1-Dichloroethene
 Concen: 0.713 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.010 min
 Lab File: VU046147.D
 Acq: 07 Dec 2021 18:27

Tgt Ion: 96 Resp: 1031
 Ion Ratio Lower Upper
 96 100
 61 1237.0 118.6 220.2#
 63 11227.8 93.0 172.8#





#25

Chloroform

Concen: 4.481 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VU046147.D

Acq: 07 Dec 2021 18:27

Instrument :

MSVOA_U

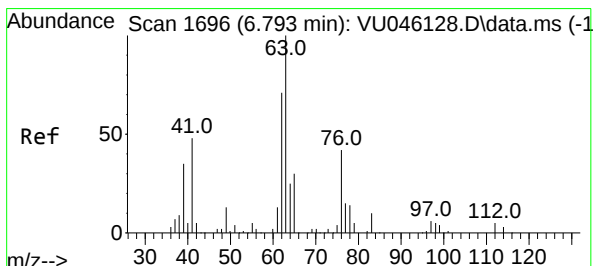
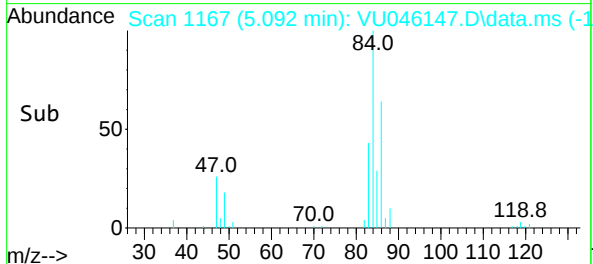
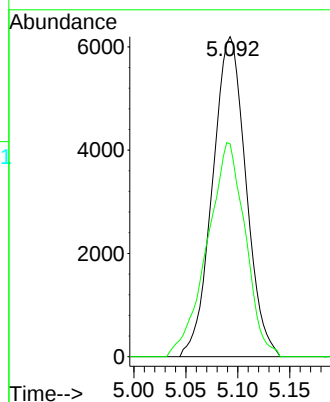
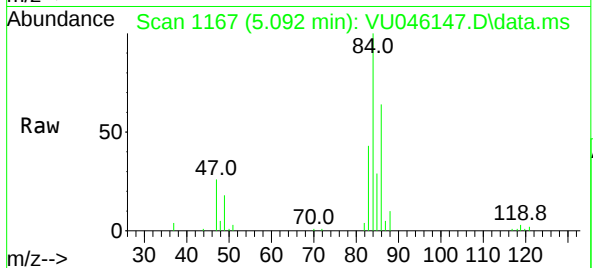
ClientSampleId :

Tgt Ion: 83 Resp: 13855

Ion Ratio Lower Upper

83 100

85 66.5 45.8 85.2



#37

1,2-Dichloropropane

Concen: 6.339 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.100 min

Lab File: VU046147.D

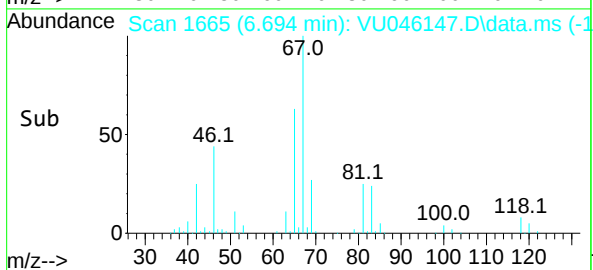
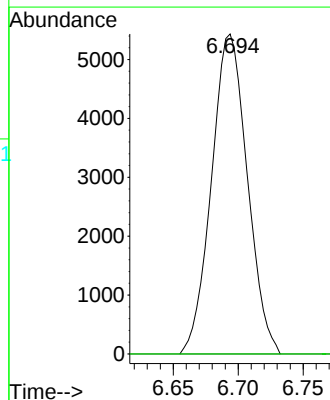
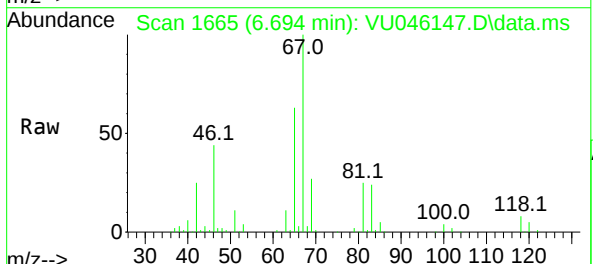
Acq: 07 Dec 2021 18:27

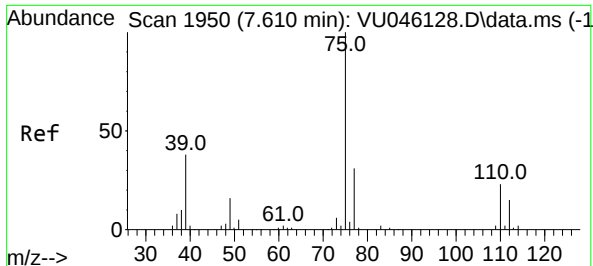
Tgt Ion: 63 Resp: 10432

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 1.100 ug/L

RT: 7.568 min Scan# 1950

Delta R.T. -0.042 min

Lab File: VU046147.D

Acq: 07 Dec 2021 18:27

Instrument :

MSVOA_U

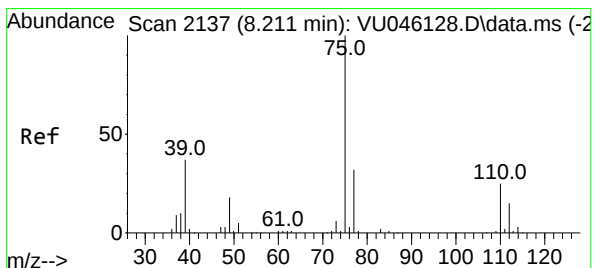
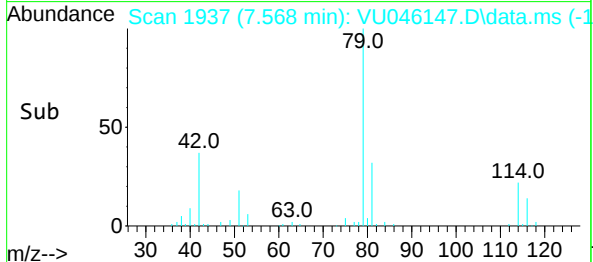
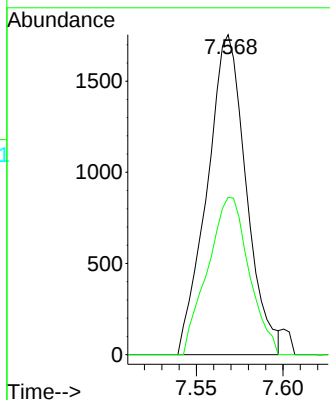
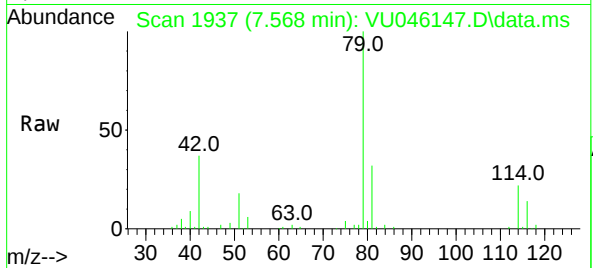
ClientSampleId :

Tgt Ion: 75 Resp: 2754

Ion Ratio Lower Upper

75 100

77 49.2 21.8 40.6#



#44

trans-1,3-Dichloropropene

Concen: 0.839 ug/L

RT: 8.179 min Scan# 2127

Delta R.T. -0.035 min

Lab File: VU046147.D

Acq: 07 Dec 2021 18:27

Tgt Ion: 75 Resp: 2062

Ion Ratio Lower Upper

75 100

77 31.5 21.7 40.3

