

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
 Data File : VU046165.D
 Acq On : 08 Dec 2021 10:55
 Operator : SY/MD
 Sample : VU1208WBL01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 09 03:18:58 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)

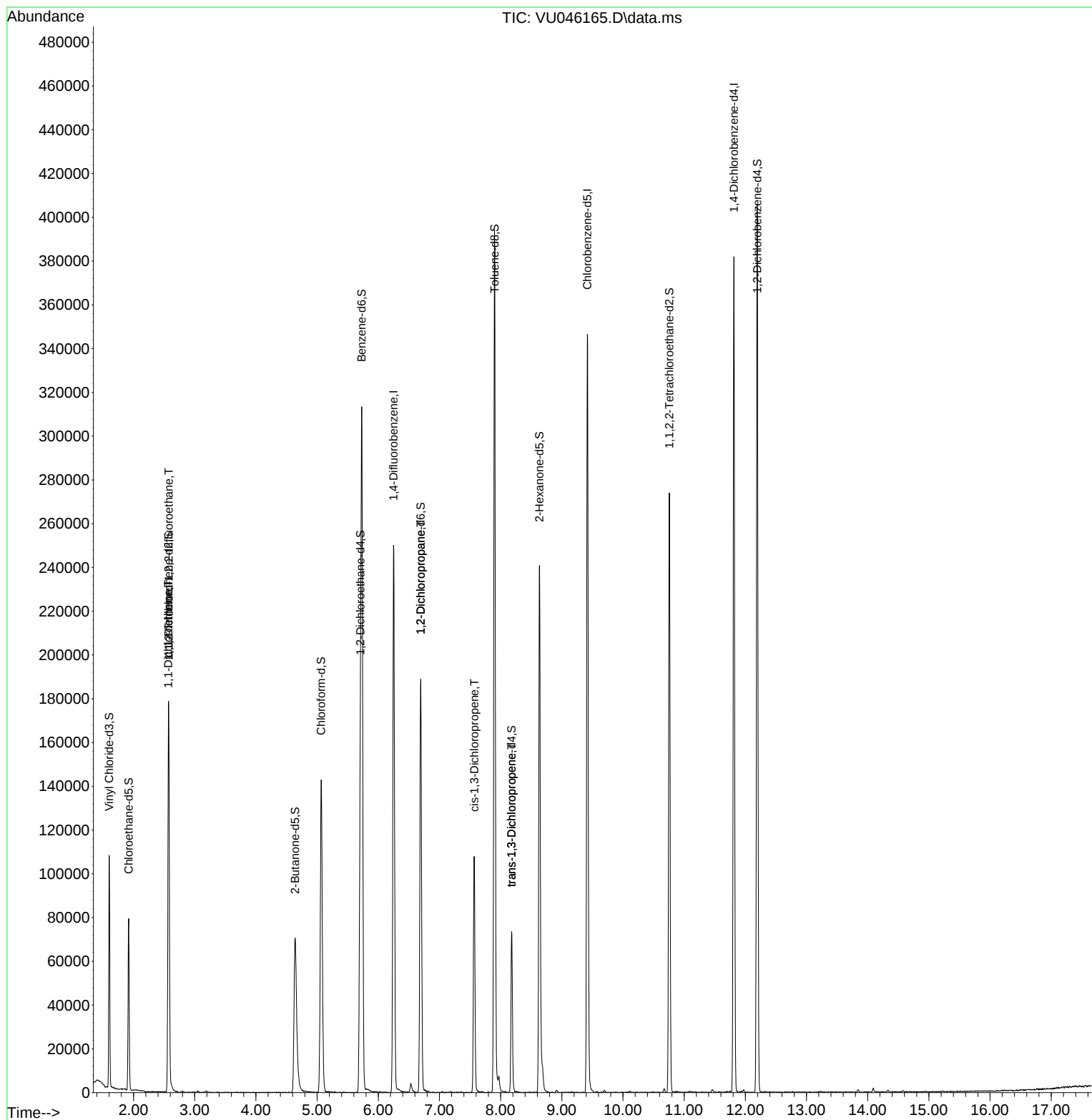
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	210051	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	203339	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	103369	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	75853	43.838	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.680%
7) Chloroethane-d5	1.919	69	57441	43.237	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.480%
11) 1,1-Dichloroethene-d2	2.572	63	106878	34.408	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.820%
21) 2-Butanone-d5	4.639	46	131792	95.814	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.810%
24) Chloroform-d	5.067	84	132969	46.018	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.040%
26) 1,2-Dichloroethane-d4	5.707	65	93024	47.971	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.940%
32) Benzene-d6	5.729	84	297955	51.124	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.240%
36) 1,2-Dichloropropane-d6	6.694	67	91510	50.664	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.320%
41) Toluene-d8	7.899	98	269085	50.709	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.420%
43) trans-1,3-Dichloroprop...	8.179	79	43494	49.883	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.760%
47) 2-Hexanone-d5	8.633	63	89414	104.408	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.410%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	136396	49.794	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.580%
66) 1,2-Dichlorobenzene-d4	12.195	152	108887	54.698	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.400%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	919	0.601	ug/L #	21
12) 1,1-Dichloroethene	2.569	96	824	0.567	ug/L #	1
37) 1,2-Dichloropropane	6.694	63	9518	5.904	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	2621	1.069	ug/L #	62
44) trans-1,3-Dichloropropene	8.179	75	1696	0.704	ug/L	88

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

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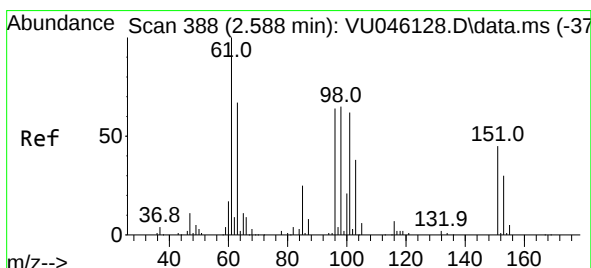
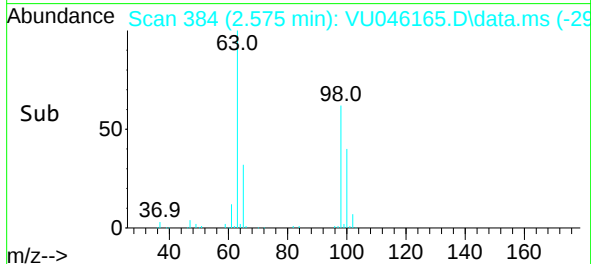
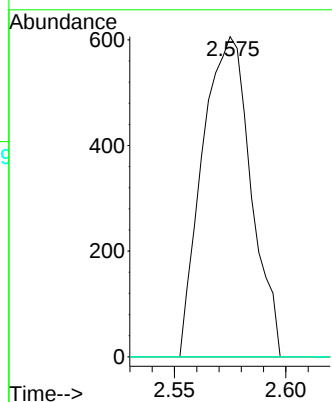
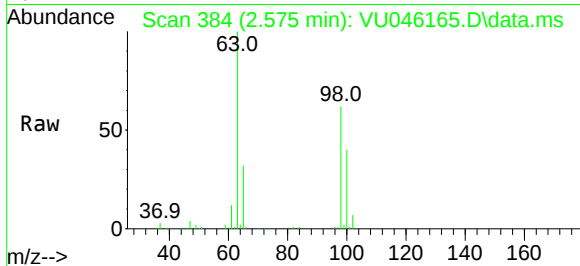




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.601 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.013 min
Lab File: VU046165.D
Acq: 08 Dec 2021 10:55

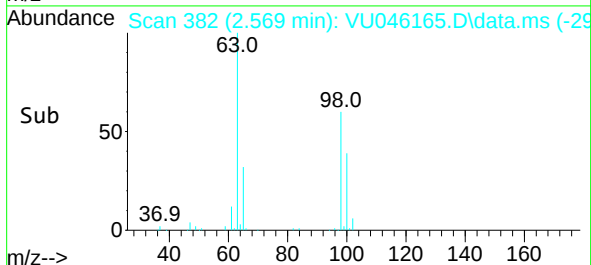
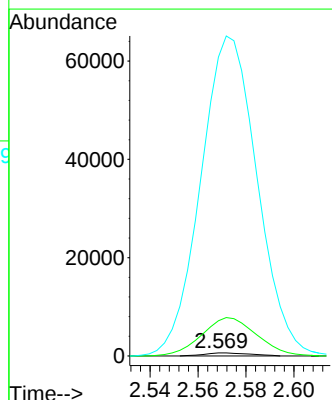
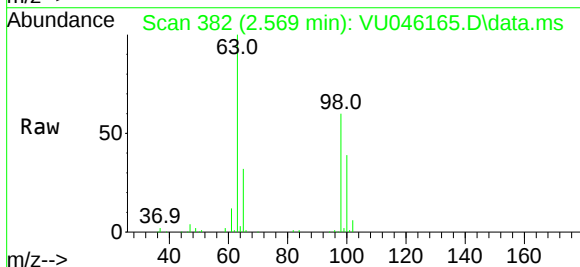
Instrument :
MSVOA_U
ClientSampleId :

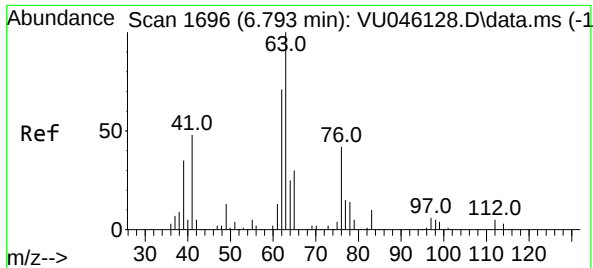
Tgt Ion:101 Resp: 919
Ion Ratio Lower Upper
101 100
85 0.0 35.1 52.7#
151 0.0 56.7 85.1#



#12
1,1-Dichloroethene
Concen: 0.567 ug/L
RT: 2.569 min Scan# 382
Delta R.T. -0.016 min
Lab File: VU046165.D
Acq: 08 Dec 2021 10:55

Tgt Ion: 96 Resp: 824
Ion Ratio Lower Upper
96 100
61 1174.3 118.6 220.2#
63 9950.9 93.0 172.8#





#37

1,2-Dichloropropane

Concen: 5.904 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.099 min

Lab File: VU046165.D

Acq: 08 Dec 2021 10:55

Instrument :

MSVOA_U

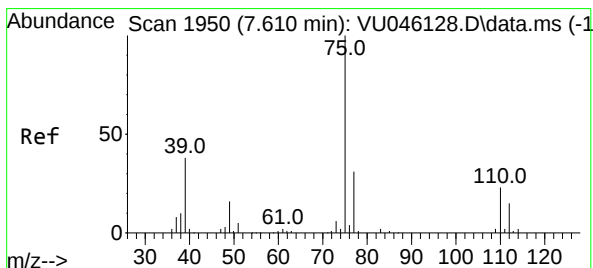
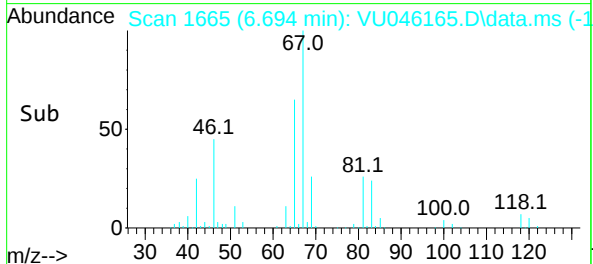
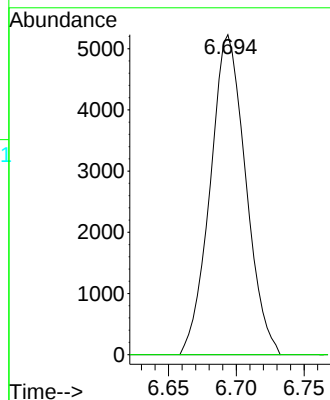
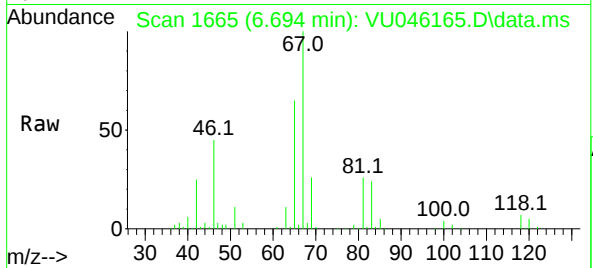
ClientSampleId :

Tgt Ion: 63 Resp: 9518

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 1.069 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU046165.D

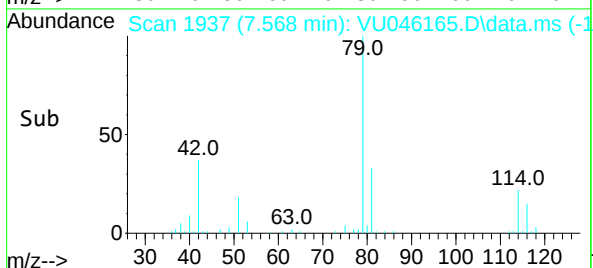
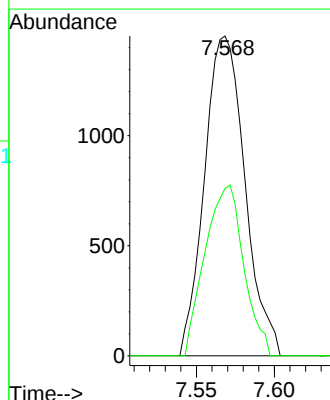
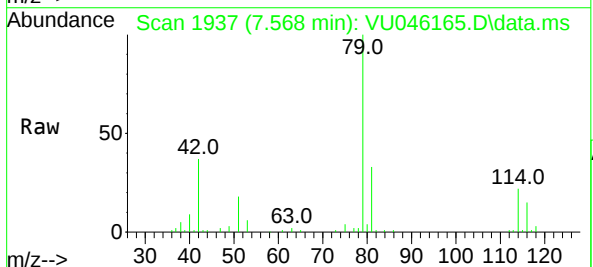
Acq: 08 Dec 2021 10:55

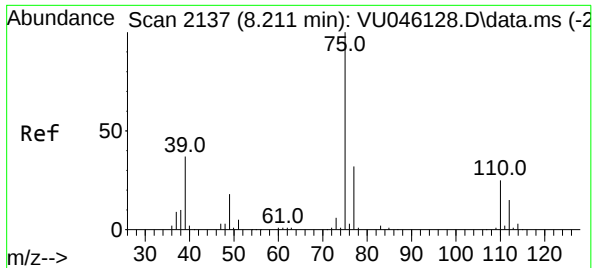
Tgt Ion: 75 Resp: 2621

Ion Ratio Lower Upper

75 100

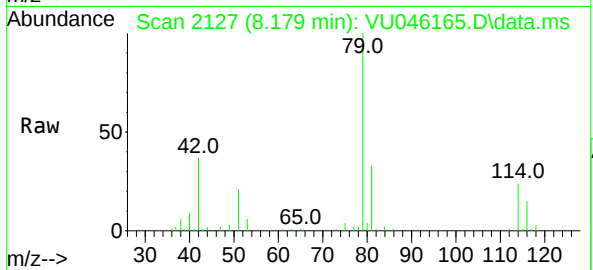
77 52.3 21.8 40.6#





#44
 trans-1,3-Dichloropropene
 Concen: 0.704 ug/L
 RT: 8.179 min Scan# 21
 Delta R.T. -0.035 min
 Lab File: VU046165.D
 Acq: 08 Dec 2021 10:55

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 1696
 Ion Ratio Lower Upper
 75 100
 77 37.8 21.7 40.3

