

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020222\
 Data File : VU047003.D
 Acq On : 02 Feb 2022 15:51
 Operator : SY/MD
 Sample : N1349-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0HP3

Quant Time: Feb 03 03:01:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Feb 03 02:56:36 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

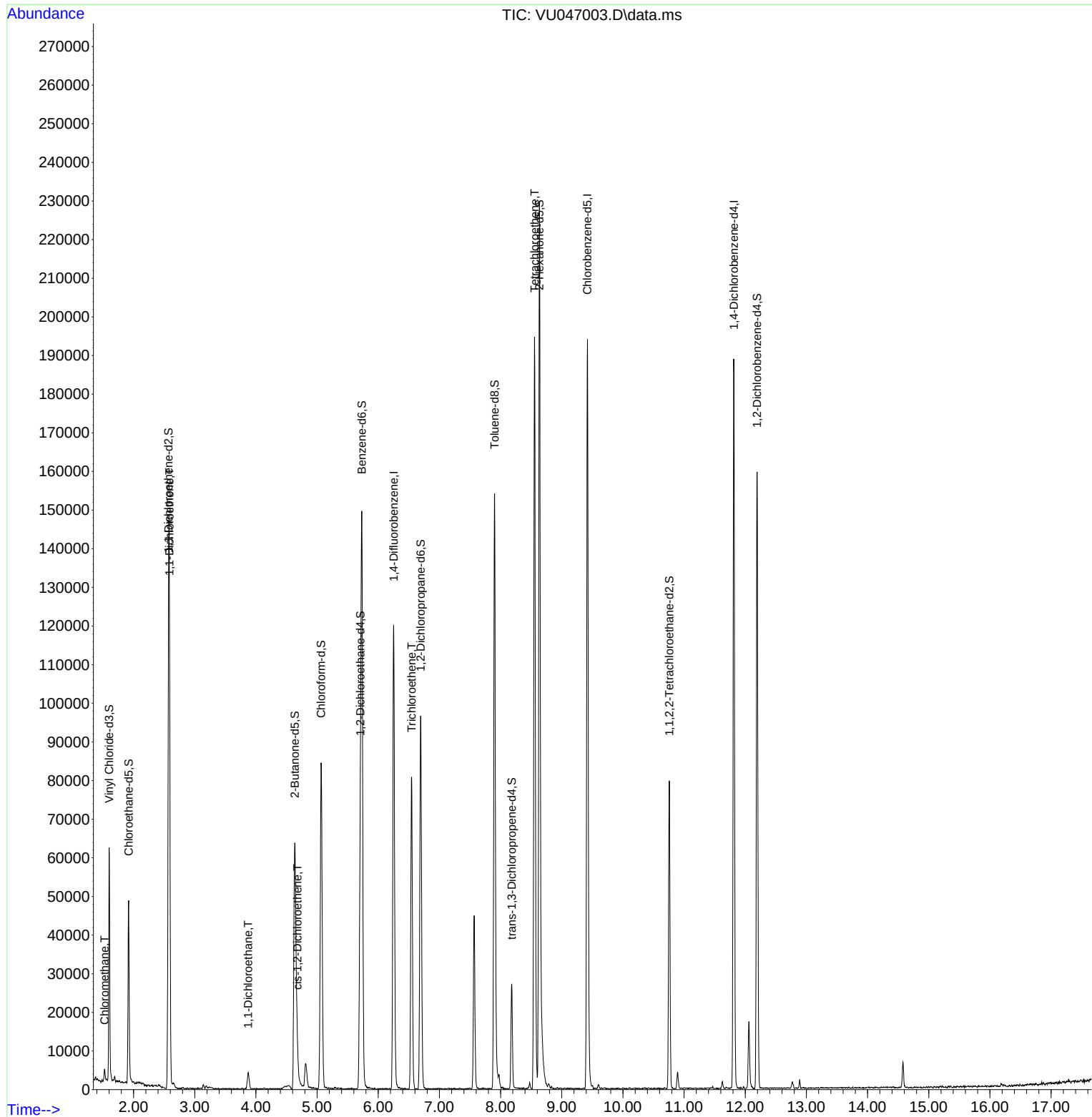
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	99026	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	116056	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	49037	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	44638	5.320	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.400%
7) Chloroethane-d5	1.919	69	35932	5.435	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.600%
11) 1,1-Dichloroethene-d2	2.572	65	17230	5.162	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.200%
20) 2-Butanone-d5	4.636	46	102569	41.261	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.520%
24) Chloroform-d	5.067	84	76403	5.187	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.800%
26) 1,2-Dichloroethane-d4	5.707	65	39879	4.971	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.400%
32) Benzene-d6	5.732	84	143606	4.210	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.200%
36) 1,2-Dichloropropane-d6	6.694	67	47884	4.676	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.600%
41) Toluene-d8	7.903	98	111586	3.574	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.400%
43) trans-1,3-Dichloroprop...	8.182	79	16005	3.559	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.200%
46) 2-Hexanone-d5	8.636	63	80843	30.357	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	60.720%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	40015	3.892	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	77.800%
66) 1,2-Dichlorobenzene-d4	12.195	152	41528	4.516	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.527	50	2134	0.278	ug/L	95
12) 1,1-Dichloroethene	2.588	96	31562	5.708	ug/L	81
19) 1,1-Dichloroethane	3.874	63	4852	0.483	ug/L	94
22) cis-1,2-Dichloroethene	4.678	96	2238	0.354	ug/L	91
34) Trichloroethene	6.546	95	28159	3.969	ug/L	98
47) Tetrachloroethene	8.555	164	43840	7.598	ug/L	97

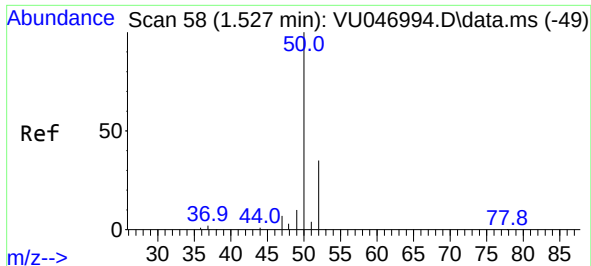
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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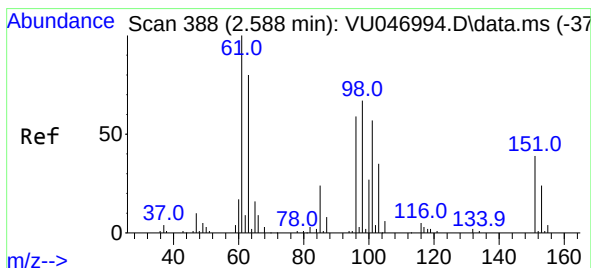
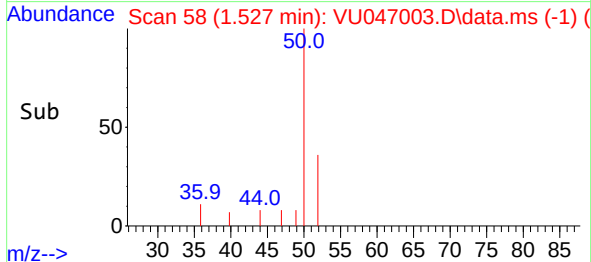
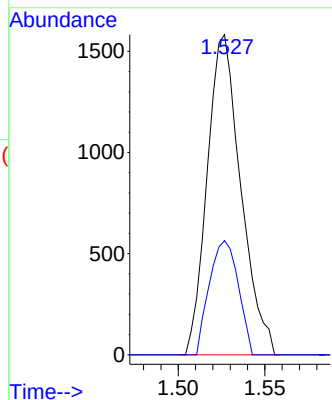
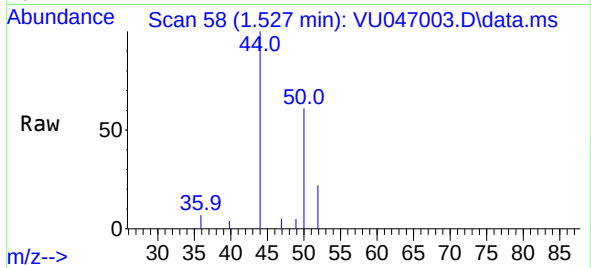




#3
Chloromethane
Concen: 0.278 ug/L
RT: 1.527 min Scan# 58
Delta R.T. 0.000 min
Lab File: VU047003.D
Acq: 02 Feb 2022 15:51

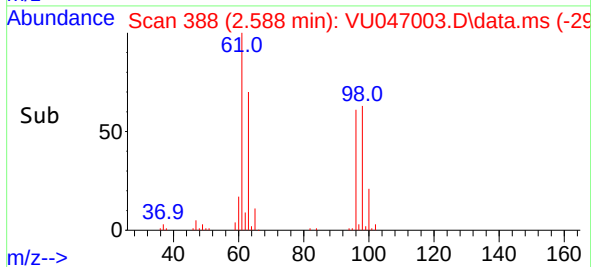
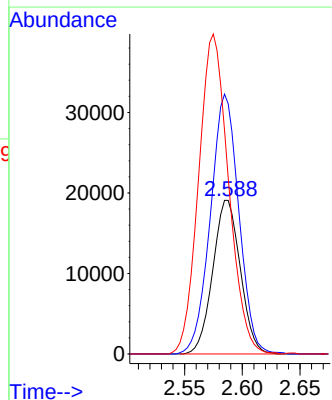
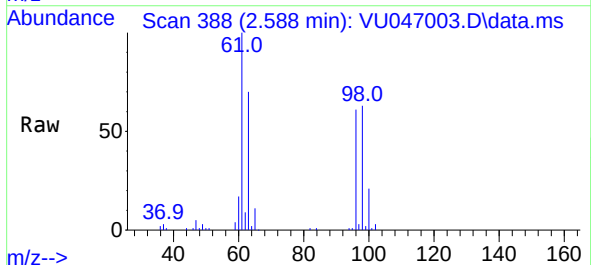
Instrument :
MSVOA_U
ClientSampleId :
C0HP3

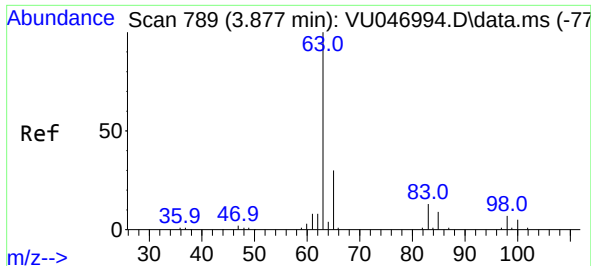
Tgt Ion: 50 Resp: 2134
Ion Ratio Lower Upper
50 100
52 35.7 23.0 42.8



#12
1,1-Dichloroethene
Concen: 5.708 ug/L
RT: 2.588 min Scan# 388
Delta R.T. 0.000 min
Lab File: VU047003.D
Acq: 02 Feb 2022 15:51

Tgt Ion: 96 Resp: 31562
Ion Ratio Lower Upper
96 100
61 162.9 124.7 231.5
63 114.7 105.2 195.4





#19

1,1-Dichloroethane

Concen: 0.483 ug/L

RT: 3.874 min Scan# 7

Delta R.T. -0.003 min

Lab File: VU047003.D

Acq: 02 Feb 2022 15:51

Instrument :

MSVOA_U

ClientSampleId :

C0HP3

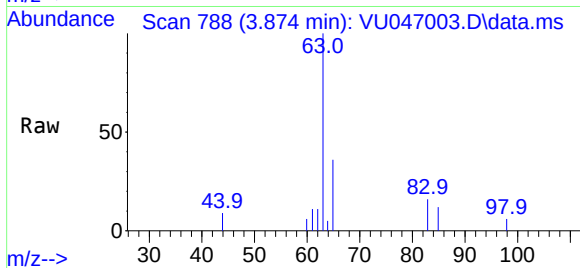
Tgt Ion: 63 Resp: 4852

Ion Ratio Lower Upper

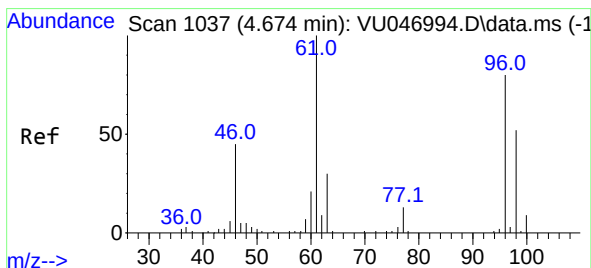
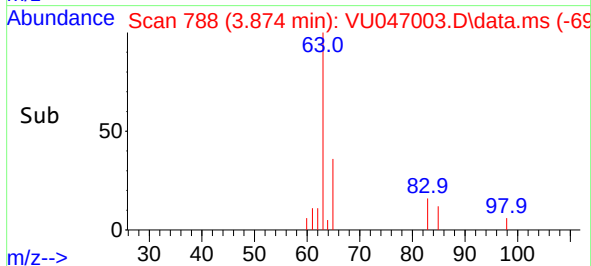
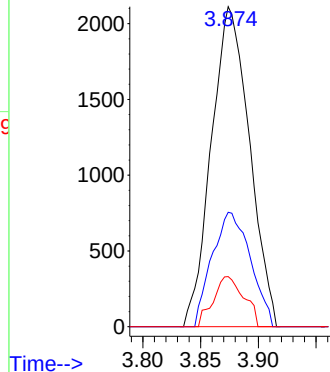
63 100

65 35.7 22.3 41.5

83 15.7 9.6 17.8



Abundance



#22

cis-1,2-Dichloroethene

Concen: 0.354 ug/L

RT: 4.678 min Scan# 1038

Delta R.T. 0.003 min

Lab File: VU047003.D

Acq: 02 Feb 2022 15:51

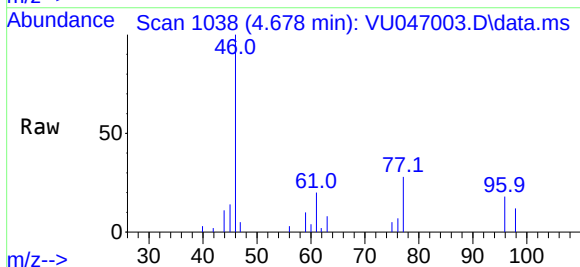
Tgt Ion: 96 Resp: 2238

Ion Ratio Lower Upper

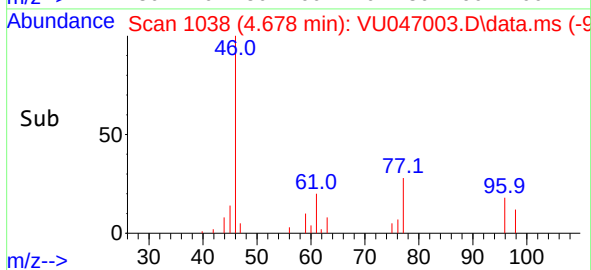
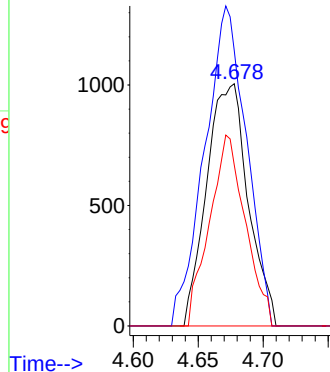
96 100

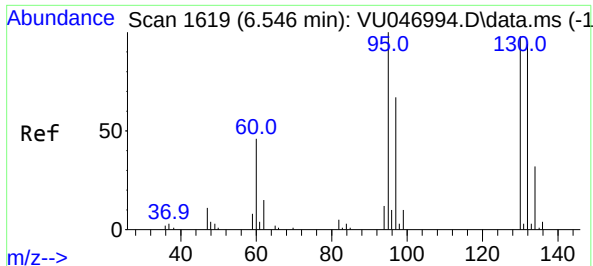
61 113.6 88.5 164.3

98 66.4 44.4 82.5



Abundance



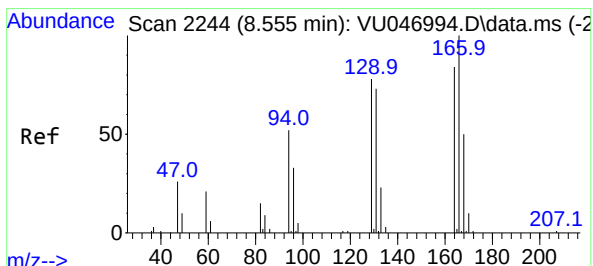
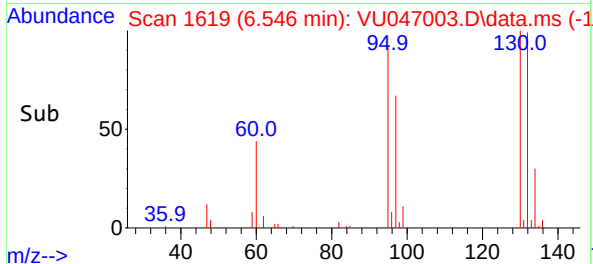
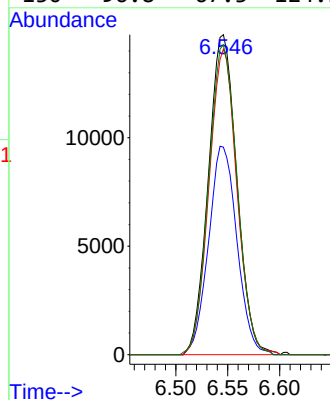
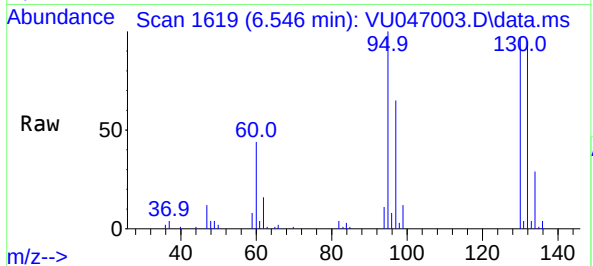


#34
Trichloroethene
Concen: 3.969 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU047003.D
Acq: 02 Feb 2022 15:51

Instrument :
MSVOA_U
ClientSampleId :
C0HP3

Tgt Ion: 95 Resp: 28159

Ion	Ratio	Lower	Upper
95	100		
97	64.9	46.5	86.5
132	95.5	65.1	120.9
130	96.8	67.3	124.9



#47
Tetrachloroethene
Concen: 7.598 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU047003.D
Acq: 02 Feb 2022 15:51

Tgt Ion: 164 Resp: 43840

Ion	Ratio	Lower	Upper
164	100		
129	100.3	71.8	133.4
131	97.0	68.5	127.3
166	129.8	94.1	174.8

