

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112421\
 Data File : VU045987.D
 Acq On : 24 Nov 2021 12:15
 Operator : SY/MD
 Sample : M4825-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4658

Quant Time: Nov 26 00:18:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 26 00:17:51 2021
 Response via : Initial Calibration

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

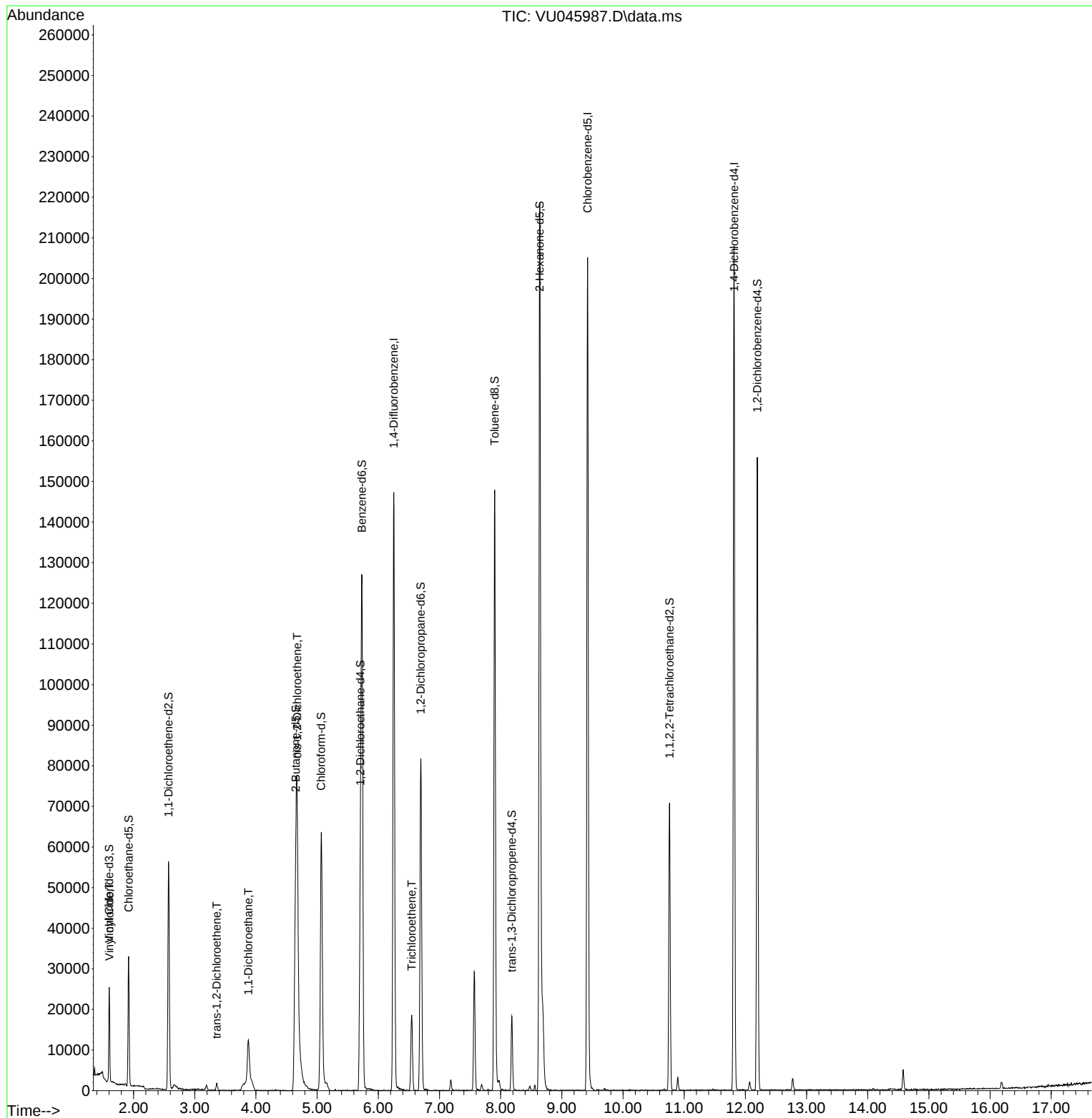
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	121152	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	118823	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	55091	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	15210	1.585	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	31.600%#
7) Chloroethane-d5	1.919	69	23480	3.360	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	67.200%
11) 1,1-Dichloroethene-d2	2.572	65	10694	2.656	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	53.200%#
20) 2-Butanone-d5	4.652	46	119326	46.388	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.780%
24) Chloroform-d	5.067	84	58153	3.636	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	72.800%
26) 1,2-Dichloroethane-d4	5.706	65	34985	3.729	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.600%
32) Benzene-d6	5.732	84	122340	3.739	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.800%
36) 1,2-Dichloropropane-d6	6.694	67	39350	3.816	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	76.400%
41) Toluene-d8	7.903	98	100965	3.411	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.200%#
43) trans-1,3-Dichloroprop...	8.182	79	10972	2.621	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	52.400%#
46) 2-Hexanone-d5	8.639	63	82595	43.833	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.660%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	36109	4.144	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.800%
66) 1,2-Dichlorobenzene-d4	12.195	152	39664	4.193	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.800%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.607	62	1561	0.149	ug/L #	82
18) trans-1,2-Dichloroethene	3.359	96	663	0.082	ug/L #	76
19) 1,1-Dichloroethane	3.877	63	12151	0.807	ug/L	98
22) cis-1,2-Dichloroethene	4.674	96	21553	2.473	ug/L	99
34) Trichloroethene	6.546	95	6121	0.716	ug/L	95

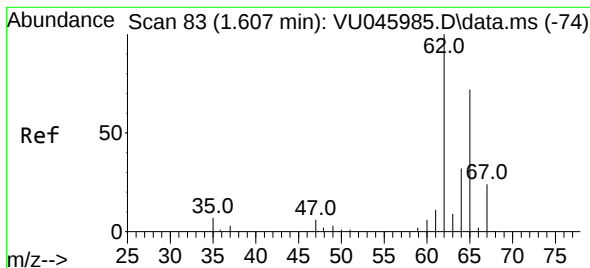
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.149 ug/L

RT: 1.607 min Scan# 83

Delta R.T. 0.000 min

Lab File: VU045987.D

Acq: 24 Nov 2021 12:15

Instrument :

MSVOA_U

ClientSampleId :

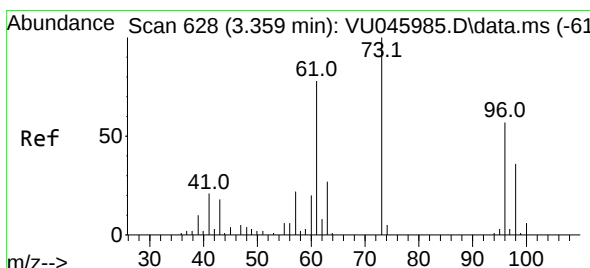
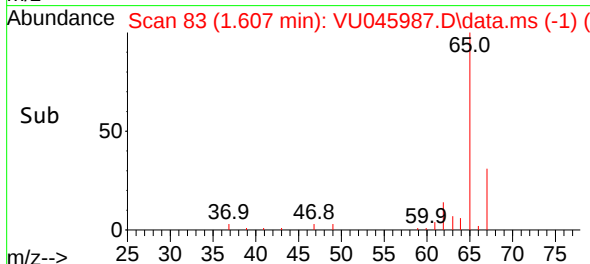
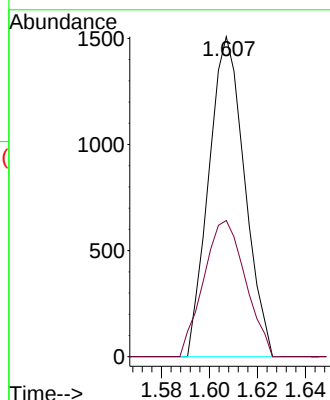
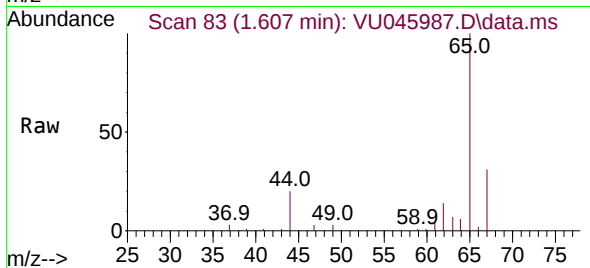
H4658

Tgt Ion: 62 Resp: 1561

Ion Ratio Lower Upper

62 100

64 42.6 22.9 42.5#



#18

trans-1,2-Dichloroethene

Concen: 0.082 ug/L

RT: 3.359 min Scan# 628

Delta R.T. 0.000 min

Lab File: VU045987.D

Acq: 24 Nov 2021 12:15

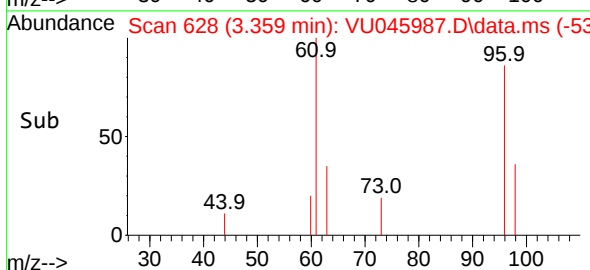
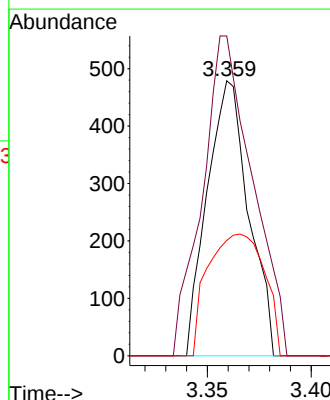
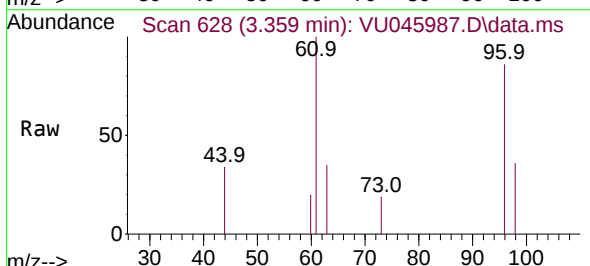
Tgt Ion: 96 Resp: 663

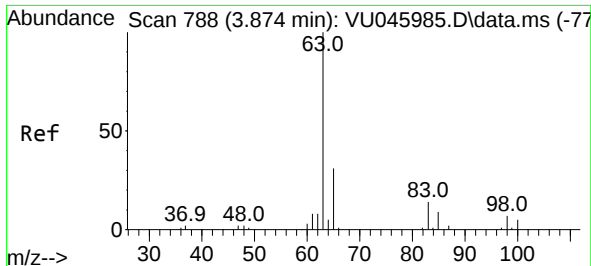
Ion Ratio Lower Upper

96 100

61 116.3 100.8 187.2

98 42.0 45.1 83.7#





#19

1,1-Dichloroethane

Concen: 0.807 ug/L

RT: 3.877 min Scan# 71

Delta R.T. 0.003 min

Lab File: VU045987.D

Acq: 24 Nov 2021 12:15

Instrument :

MSVOA_U

ClientSampleId :

H4658

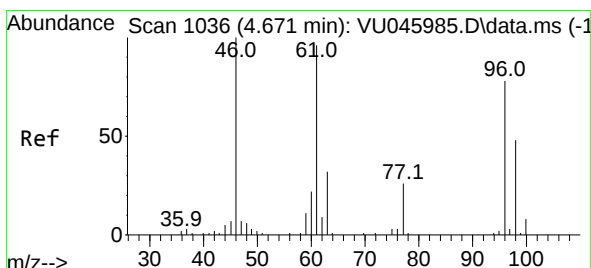
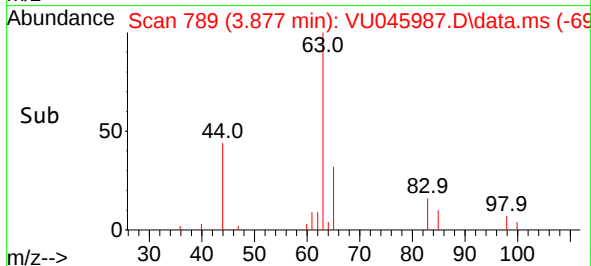
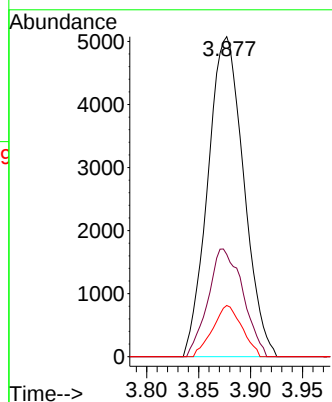
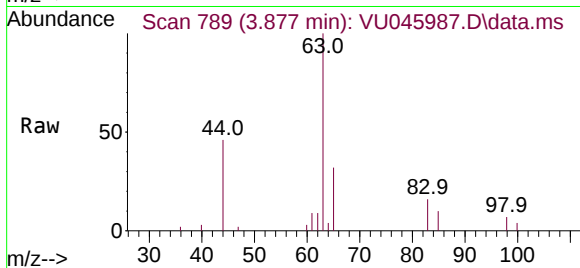
Tgt Ion: 63 Resp: 12151

Ion Ratio Lower Upper

63 100

65 31.9 22.3 41.5

83 16.0 9.6 17.8



#22

cis-1,2-Dichloroethene

Concen: 2.473 ug/L

RT: 4.674 min Scan# 1037

Delta R.T. 0.003 min

Lab File: VU045987.D

Acq: 24 Nov 2021 12:15

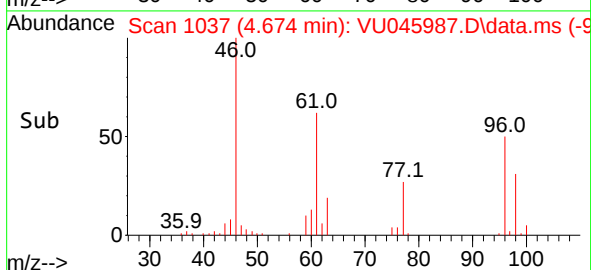
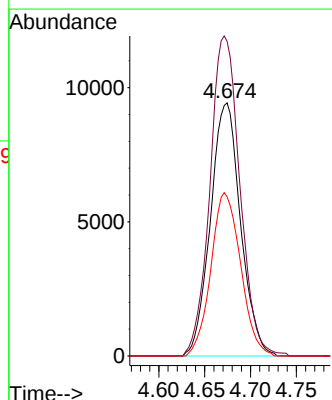
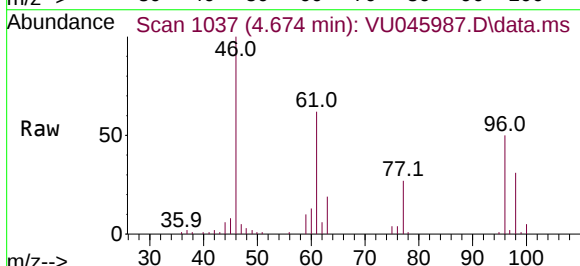
Tgt Ion: 96 Resp: 21553

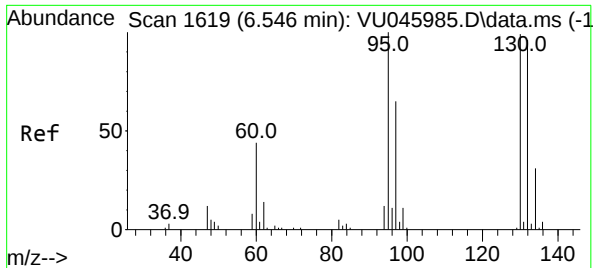
Ion Ratio Lower Upper

96 100

61 124.3 88.5 164.3

98 62.9 44.4 82.5





#34
 Trichloroethene
 Concen: 0.716 ug/L
 RT: 6.546 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VU045987.D
 Acq: 24 Nov 2021 12:15

Instrument :
 MSVOA_U
 ClientSampleId :
 H4658

Tgt Ion: 95 Resp: 6121

Ion	Ratio	Lower	Upper
95	100		
97	61.5	46.5	86.5
132	87.2	65.1	120.9
130	93.6	67.3	124.9

