

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122921\
 Data File : VU046634.D
 Acq On : 29 Dec 2021 18:13
 Operator : SY/MD
 Sample : M5193-09DL 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J13DL

Quant Time: Dec 30 04:23:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 30 04:21:35 2021
 Response via : Initial Calibration

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

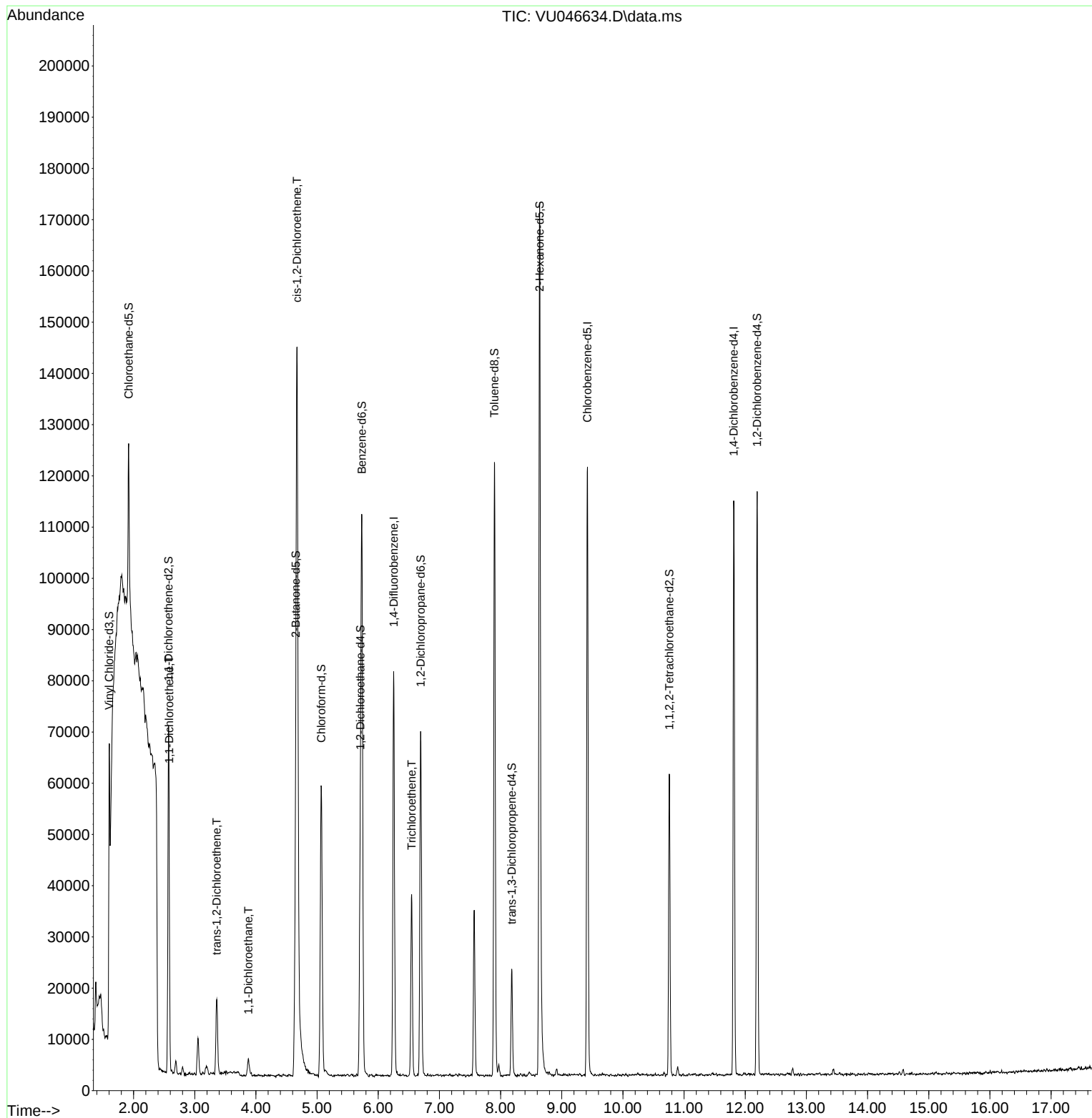
Internal Standards							
1) 1,4-Difluorobenzene		6.253	114	61951	5.000	ug/L	0.00
28) Chlorobenzene-d5		9.420	117	66546	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		11.812	152	29995	5.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		1.601	65	34217	7.012	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	140.200%	#
7) Chloroethane-d5		1.919	69	23569	6.134	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	122.600%	
11) 1,1-Dichloroethene-d2		2.572	65	12923	6.280	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	125.600%	#
20) 2-Butanone-d5		4.652	46	78260	55.290	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.580%	
24) Chloroform-d		5.070	84	54516	6.097	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	122.000%	
26) 1,2-Dichloroethane-d4		5.706	65	30156	5.900	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	118.000%	
32) Benzene-d6		5.732	84	102832	5.543	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.800%	
36) 1,2-Dichloropropane-d6		6.694	67	32115	5.761	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	115.200%	
41) Toluene-d8		7.899	98	79984	4.751	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%	
43) trans-1,3-Dichloroprop...		8.182	79	13433	5.210	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.200%	
46) 2-Hexanone-d5		8.639	63	64054	42.318	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.640%	
56) 1,1,2,2-Tetrachloroeth...		10.758	84	29289	5.119	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.400%	
66) 1,2-Dichlorobenzene-d4		12.195	152	30326	5.489	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.800%	
Target Compounds							
						Qvalue	
12) 1,1-Dichloroethene		2.581	96	824	0.151	ug/L	# 1
18) trans-1,2-Dichloroethene		3.359	96	6392	1.099	ug/L	90
19) 1,1-Dichloroethane		3.877	63	3805	0.355	ug/L	# 96
22) cis-1,2-Dichloroethene		4.671	96	62960	9.908	ug/L	99
34) Trichloroethene		6.546	95	12511	1.795	ug/L	92

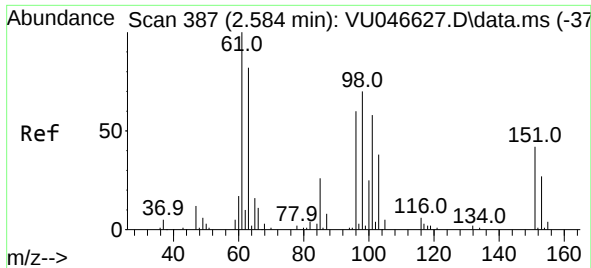
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 30 04:21:35 2021
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.151 ug/L

RT: 2.581 min Scan# 387

Delta R.T. -0.003 min

Lab File: VU046634.D

Acq: 29 Dec 2021 18:13

Instrument :

MSVOA_U

ClientSampleId :

C0J13DL

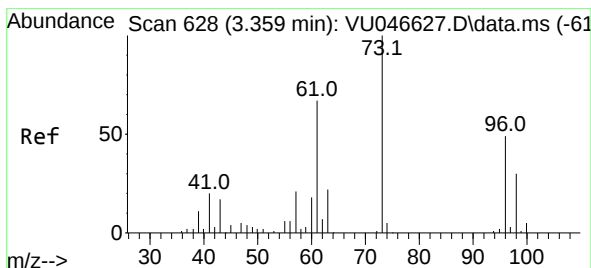
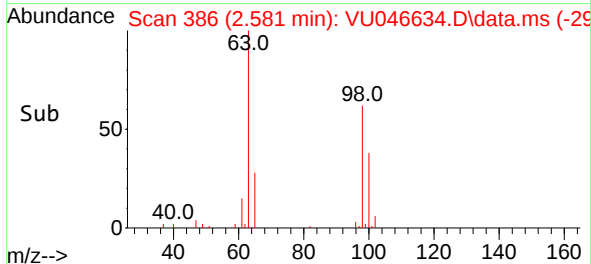
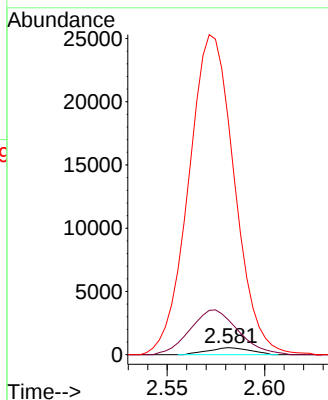
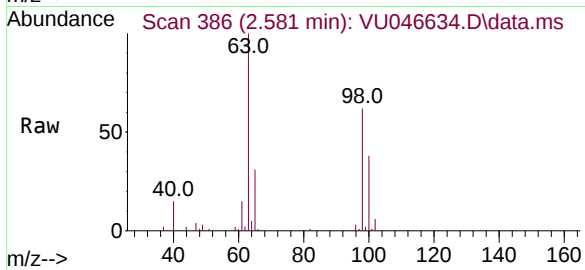
Tgt Ion: 96 Resp: 824

Ion Ratio Lower Upper

96 100

61 500.9 124.7 231.5#

63 3369.3 105.2 195.4#



#18

trans-1,2-Dichloroethene

Concen: 1.099 ug/L

RT: 3.359 min Scan# 628

Delta R.T. -0.000 min

Lab File: VU046634.D

Acq: 29 Dec 2021 18:13

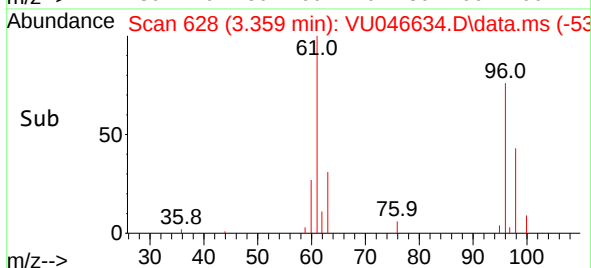
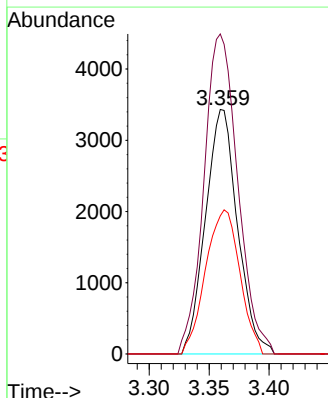
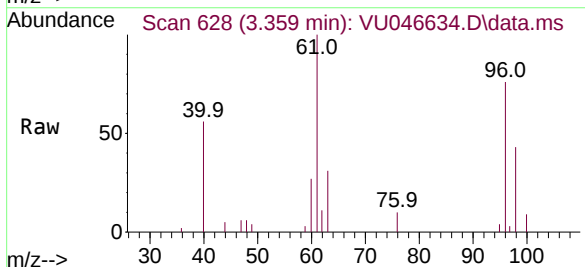
Tgt Ion: 96 Resp: 6392

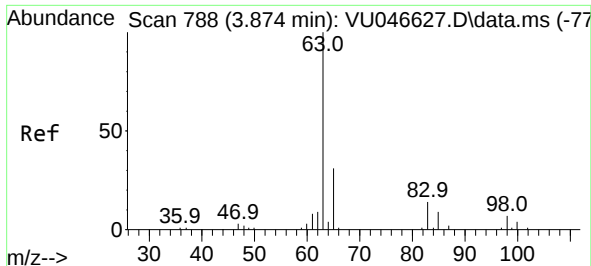
Ion Ratio Lower Upper

96 100

61 130.9 100.8 187.2

98 56.5 45.1 83.7





#19

1,1-Dichloroethane

Concen: 0.355 ug/L

RT: 3.877 min Scan# 7

Delta R.T. 0.003 min

Lab File: VU046634.D

Acq: 29 Dec 2021 18:13

Instrument :

MSVOA_U

ClientSampleId :

C0J13DL

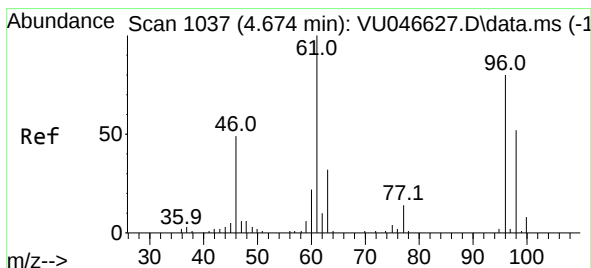
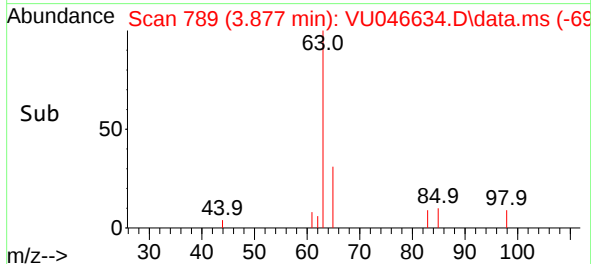
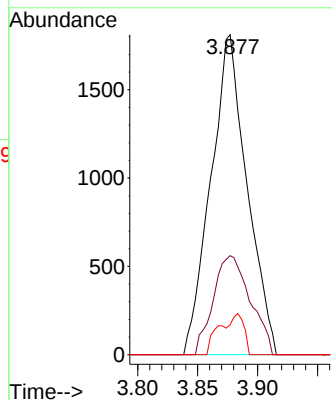
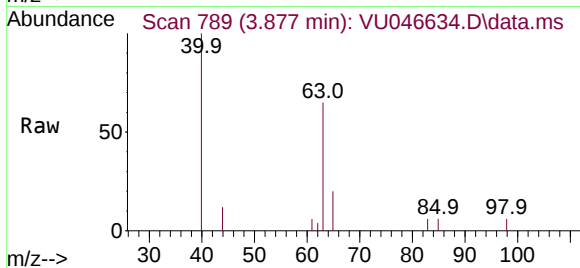
Tgt Ion: 63 Resp: 3805

Ion Ratio Lower Upper

63 100

65 31.0 22.3 41.5

83 9.4 9.6 17.8#



#22

cis-1,2-Dichloroethene

Concen: 9.908 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. -0.003 min

Lab File: VU046634.D

Acq: 29 Dec 2021 18:13

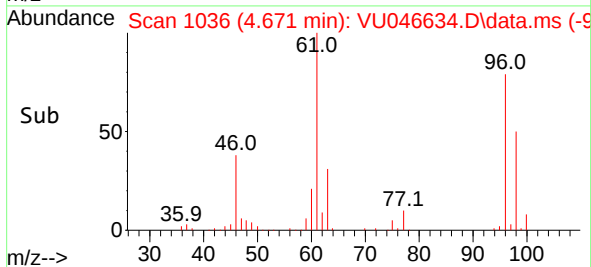
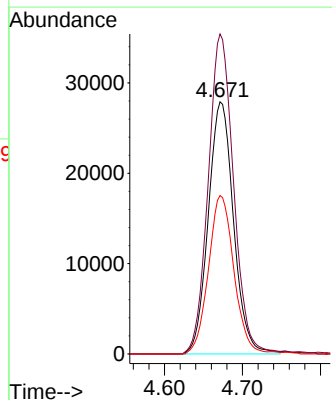
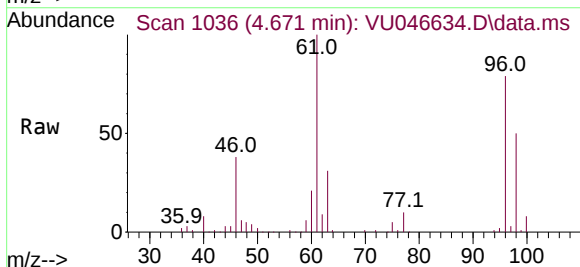
Tgt Ion: 96 Resp: 62960

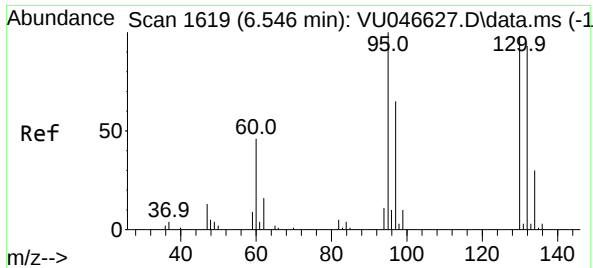
Ion Ratio Lower Upper

96 100

61 126.9 88.5 164.3

98 62.8 44.4 82.5





#34
 Trichloroethene
 Concen: 1.795 ug/L
 RT: 6.546 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VU046634.D
 Acq: 29 Dec 2021 18:13

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J13DL

Tgt Ion: 95 Resp: 12511

Ion	Ratio	Lower	Upper
95	100		
97	58.4	46.5	86.5
132	85.8	65.1	120.9
130	88.8	67.3	124.9

