

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122121\
 Data File : VU046531.D
 Acq On : 21 Dec 2021 18:32
 Operator : SY/MD
 Sample : M5152-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG3C4

Quant Time: Dec 22 05:47:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 21 14:35:13 2021
 Response via : Initial Calibration

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

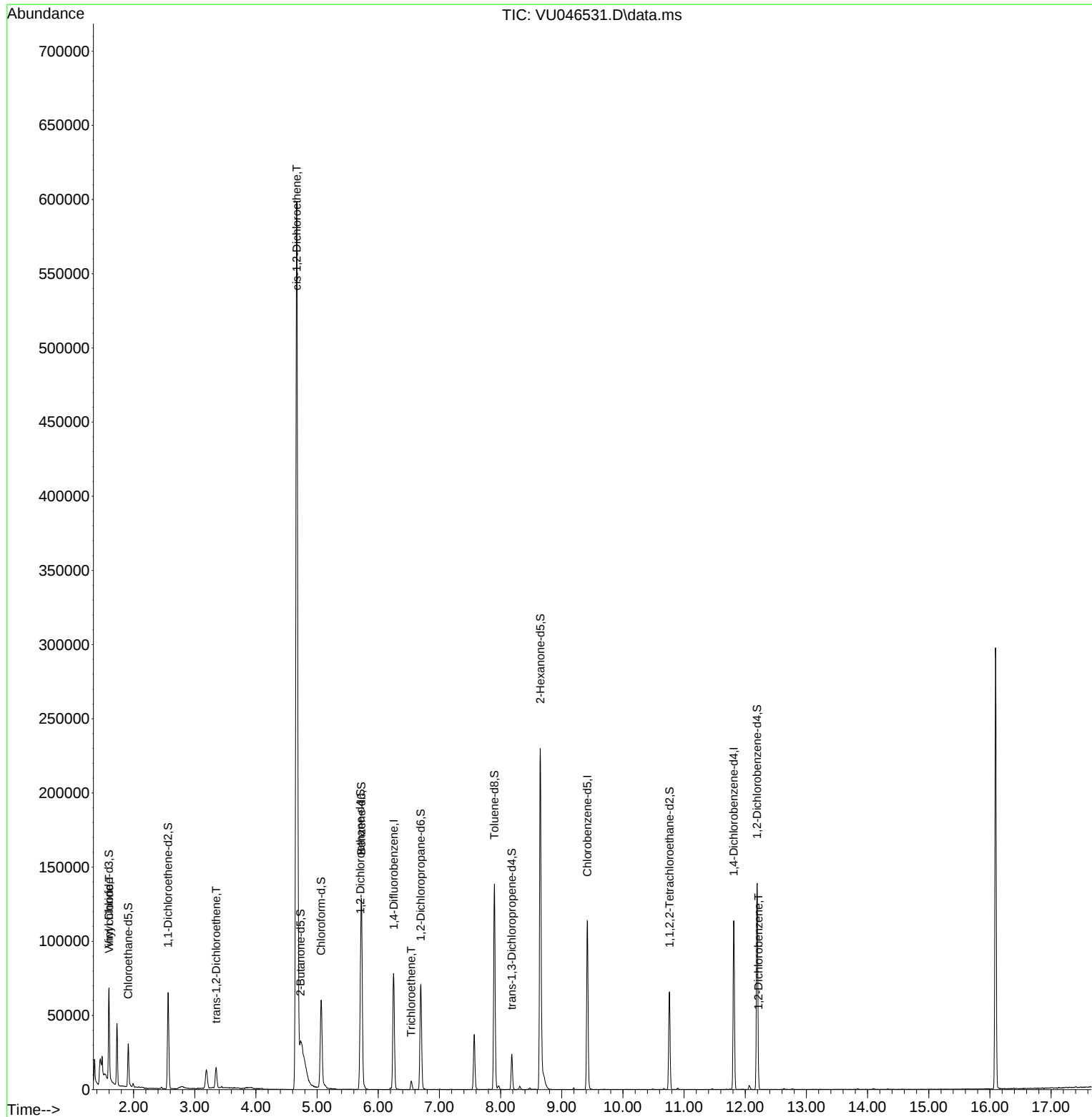
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	63930	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	63533	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	29175	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	29123	5.783	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	115.600%
7) Chloroethane-d5	1.912	69	22469	5.666	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.400%
11) 1,1-Dichloroethene-d2	2.565	65	11913	5.610	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	112.200%
20) 2-Butanone-d5	4.732	46	79060	54.127	ug/L	0.08
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.260%
24) Chloroform-d	5.067	84	53995	5.852	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	117.000%
26) 1,2-Dichloroethane-d4	5.710	65	31845	6.037	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	120.800%
32) Benzene-d6	5.726	84	107798	6.087	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	121.800%
36) 1,2-Dichloropropane-d6	6.693	67	33068	6.214	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	124.200%
41) Toluene-d8	7.899	98	91270	5.678	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.600%
43) trans-1,3-Dichloroprop...	8.182	79	13612	5.530	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	110.600%
46) 2-Hexanone-d5	8.648	63	94130	65.138	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	130.280%#
56) 1,1,2,2-Tetrachloroeth...	10.761	84	31715	5.806	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	116.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	36068	6.711	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	134.200%#
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.600	62	15368	1.853	ug/L	# 62
18) trans-1,2-Dichloroethene	3.350	96	5393	0.899	ug/L	98
22) cis-1,2-Dichloroethene	4.668	96	313366	47.787	ug/L	98
34) Trichloroethene	6.539	95	2145	0.322	ug/L	90
67) 1,2-Dichlorobenzene	12.214	146	1042	0.095	ug/L	91

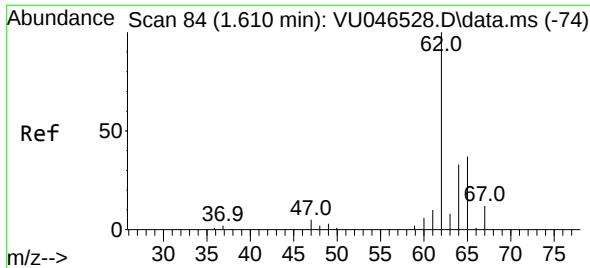
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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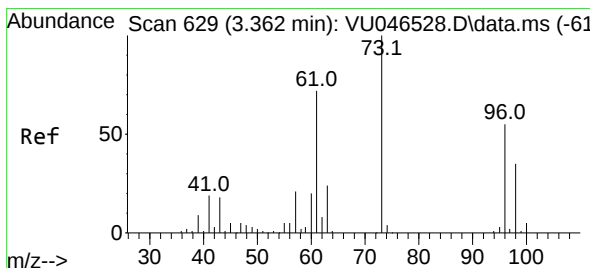
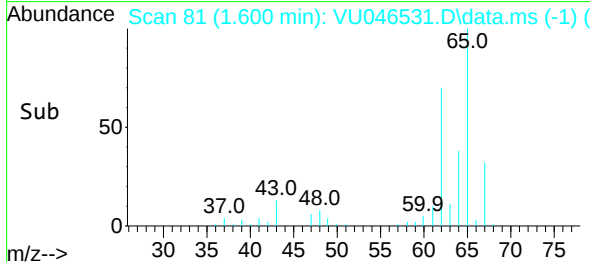
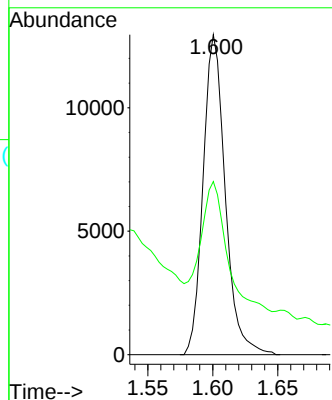
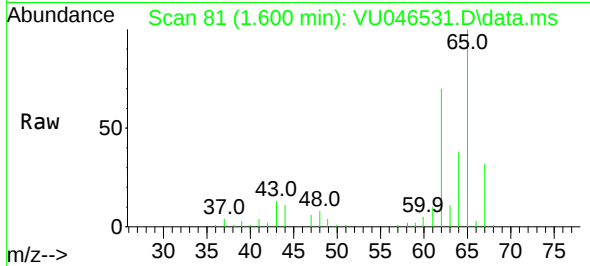




#5
 Vinyl chloride
 Concen: 1.853 ug/L
 RT: 1.600 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VU046531.D
 Acq: 21 Dec 2021 18:32

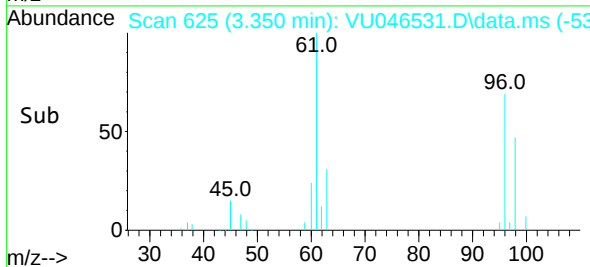
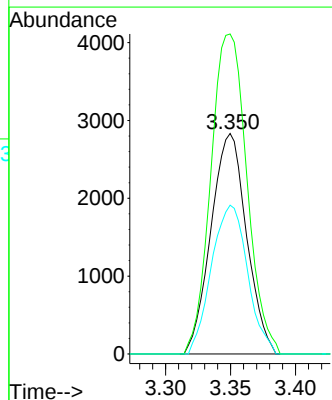
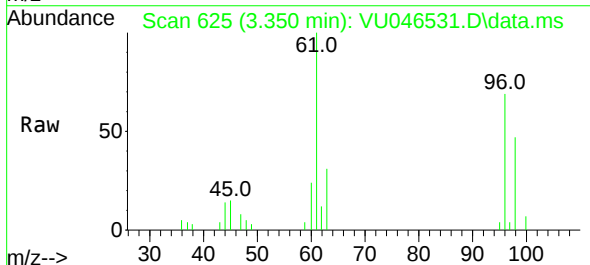
Instrument :
 MSVOA_U
 ClientSampleId :
 BG3C4

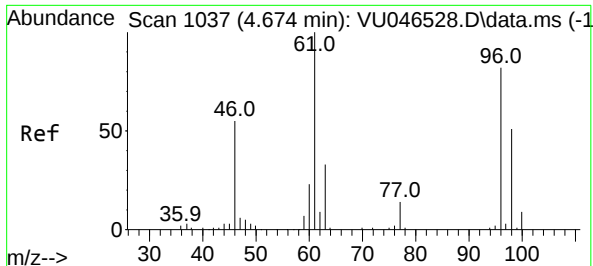
Tgt Ion: 62 Resp: 15368
 Ion Ratio Lower Upper
 62 100
 64 54.1 22.9 42.5#



#18
 trans-1,2-Dichloroethene
 Concen: 0.899 ug/L
 RT: 3.350 min Scan# 625
 Delta R.T. -0.000 min
 Lab File: VU046531.D
 Acq: 21 Dec 2021 18:32

Tgt Ion: 96 Resp: 5393
 Ion Ratio Lower Upper
 96 100
 61 145.2 100.8 187.2
 98 67.5 45.1 83.7





#22

cis-1,2-Dichloroethene

Concen: 47.787 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. 0.003 min

Lab File: VU046531.D

Acq: 21 Dec 2021 18:32

Instrument :

MSVOA_U

ClientSampleId :

BG3C4

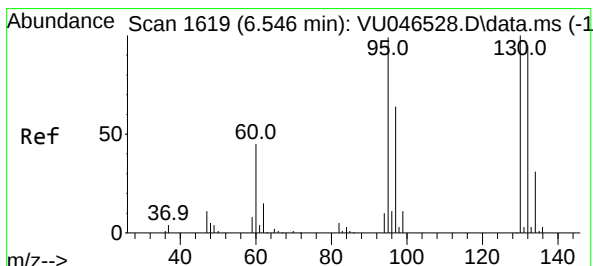
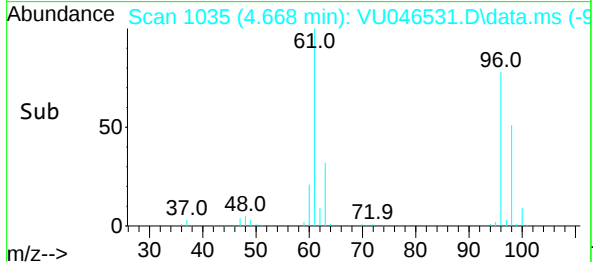
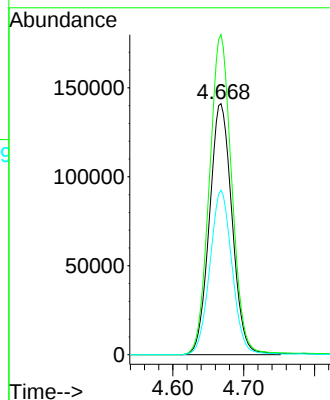
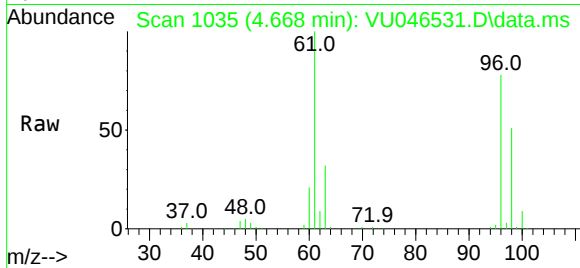
Tgt Ion: 96 Resp: 313366

Ion Ratio Lower Upper

96 100

61 127.5 88.5 164.3

98 65.5 44.4 82.5



#34

Trichloroethene

Concen: 0.322 ug/L

RT: 6.539 min Scan# 1617

Delta R.T. -0.003 min

Lab File: VU046531.D

Acq: 21 Dec 2021 18:32

Tgt Ion: 95 Resp: 2145

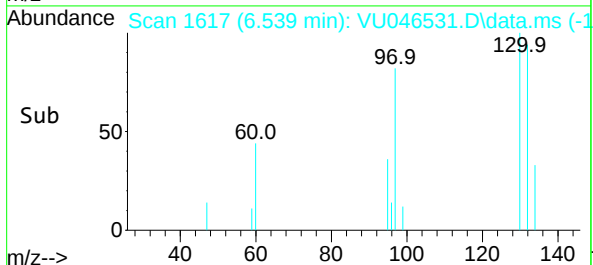
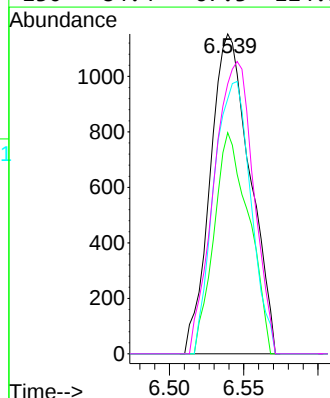
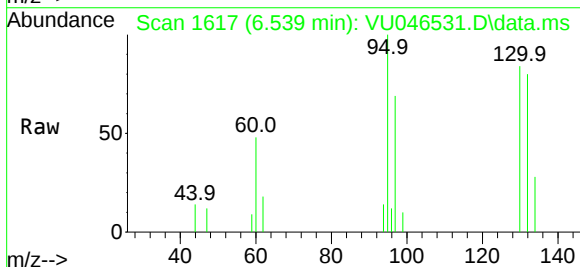
Ion Ratio Lower Upper

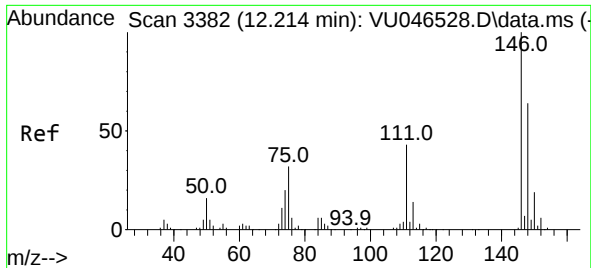
95 100

97 69.1 46.5 86.5

132 79.7 65.1 120.9

130 84.4 67.3 124.9





#67

1,2-Dichlorobenzene

Concen: 0.095 ug/L

RT: 12.214 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU046531.D

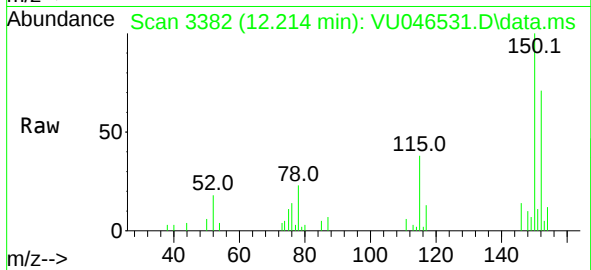
Acq: 21 Dec 2021 18:32

Instrument :

MSVOA_U

ClientSampleId :

BG3C4



Tgt Ion:146 Resp: 1042

Ion Ratio Lower Upper

146 100

111 46.9 35.4 53.0

148 73.6 51.1 76.7

