

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111821\
 Data File : VV023615.D
 Acq On : 18 Nov 2021 19:40
 Operator : SY/MD
 Sample : M4694-09DL 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4672DL

Quant Time: Nov 19 04:09:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 19 03:51:44 2021
 Response via : Initial Calibration

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

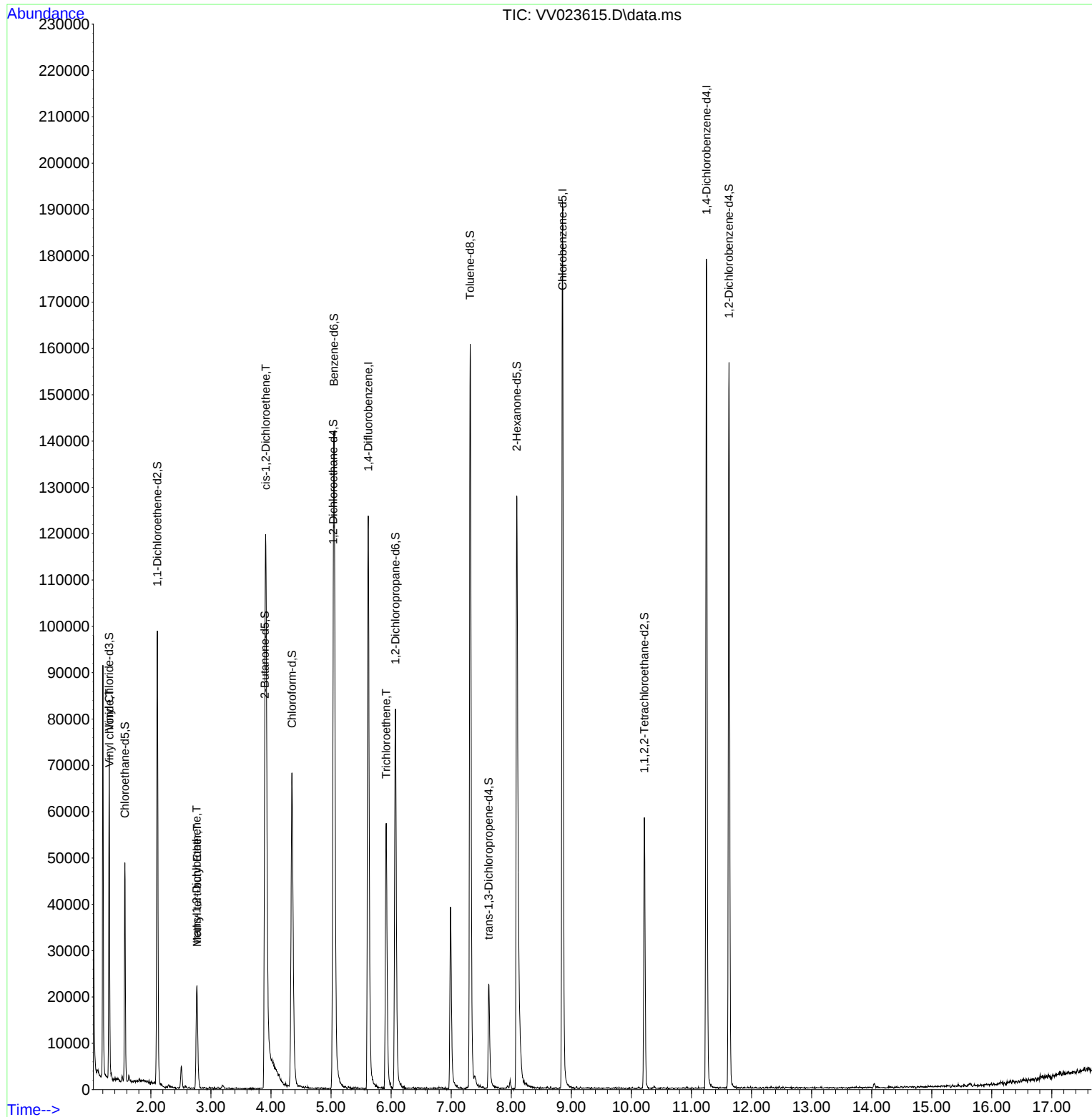
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	110436	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	106855	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	49074	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	33966	4.910	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.200%
7) Chloroethane-d5	1.568	69	28720	5.093	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.800%
11) 1,1-Dichloroethene-d2	2.108	63	48610	3.753	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.000%
20) 2-Butanone-d5	3.895	46	48928	41.050	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.100%
24) Chloroform-d	4.349	84	68832	4.668	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
26) 1,2-Dichloroethane-d4	5.037	65	32893	4.961	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
32) Benzene-d6	5.050	84	127623	4.655	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
36) 1,2-Dichloropropane-d6	6.072	67	38304	4.746	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.000%
41) Toluene-d8	7.317	98	108762	4.233	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.600%
43) trans-1,3-Dichloroprop...	7.625	79	14120	4.614	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.200%
46) 2-Hexanone-d5	8.091	63	49997	44.404	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.800%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	26999	4.652	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	42419	5.191	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.800%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.310	62	8069	0.882	ug/L	89
17) Methyl tert-butyl Ether	2.770	73	8146	0.562	ug/L	98
18) trans-1,2-Dichloroethene	2.764	96	5826	0.720	ug/L	96
22) cis-1,2-Dichloroethene	3.912	96	59950	7.695	ug/L #	90
34) Trichloroethene	5.918	95	19981	2.516	ug/L	98

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

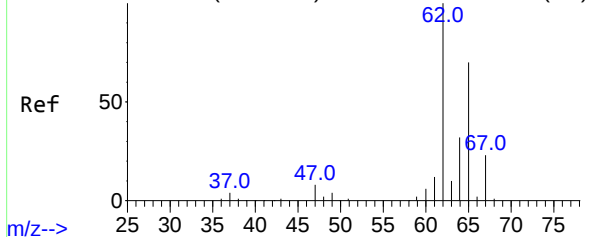
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Abundance Scan 84 (1.310 min): VV023608.D\data.ms (-76)



#5

Vinyl chloride

Concen: 0.882 ug/L

RT: 1.310 min Scan# 84

Delta R.T. -0.000 min

Lab File: VV023615.D

Acq: 18 Nov 2021 19:40

Instrument :

MSVOA_V

ClientSampleId :

H4672DL

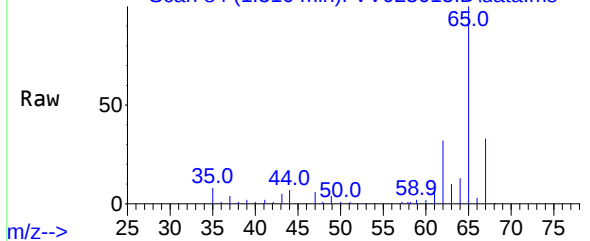
Tgt Ion: 62 Resp: 8069

Ion Ratio Lower Upper

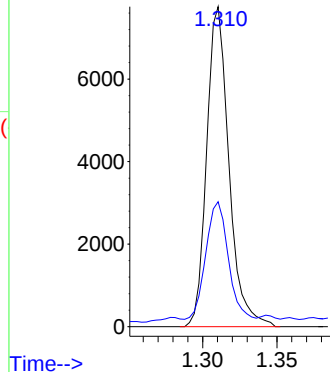
62 100

64 39.0 23.1 42.9

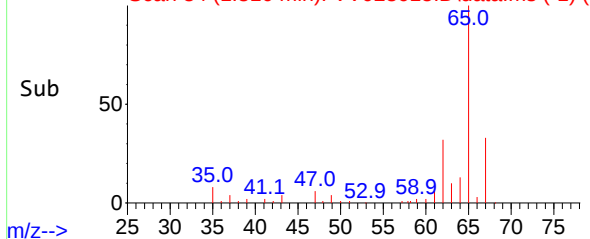
Abundance Scan 84 (1.310 min): VV023615.D\data.ms



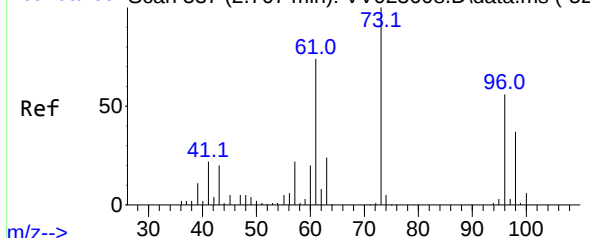
Abundance



Abundance Scan 84 (1.310 min): VV023615.D\data.ms (-1)



Abundance Scan 537 (2.767 min): VV023608.D\data.ms (-52)



#17

Methyl tert-butyl Ether

Concen: 0.562 ug/L

RT: 2.770 min Scan# 538

Delta R.T. 0.003 min

Lab File: VV023615.D

Acq: 18 Nov 2021 19:40

Tgt Ion: 73 Resp: 8146

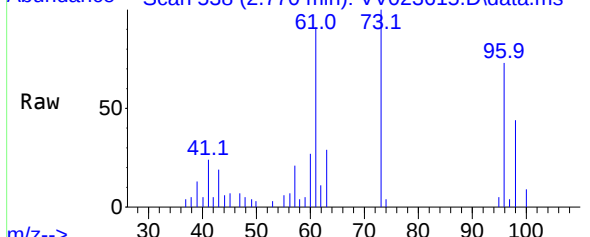
Ion Ratio Lower Upper

73 100

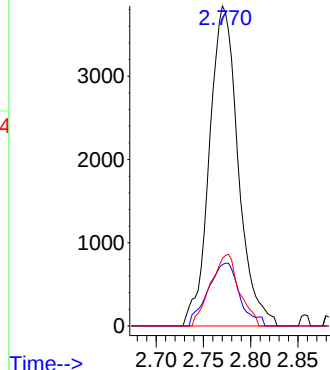
43 21.6 17.4 26.0

57 22.3 16.5 24.7

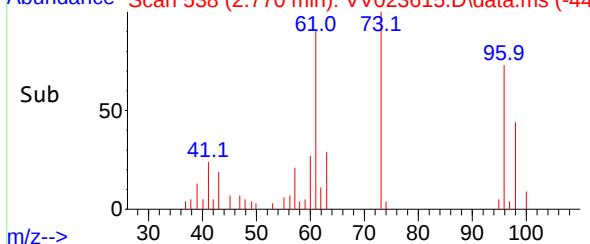
Abundance Scan 538 (2.770 min): VV023615.D\data.ms

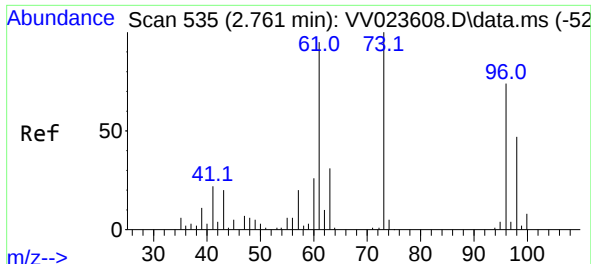


Abundance



Abundance Scan 538 (2.770 min): VV023615.D\data.ms (-44)

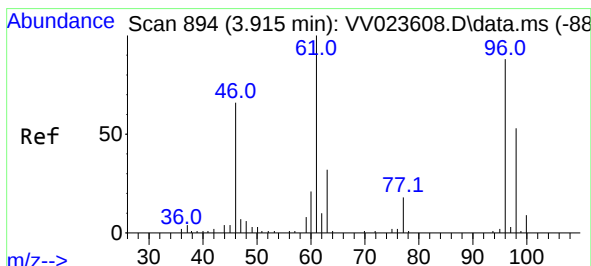
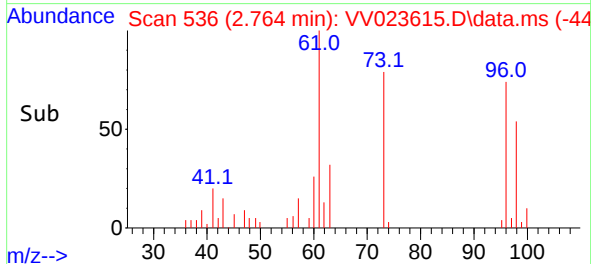
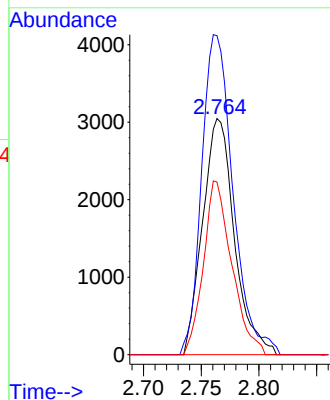
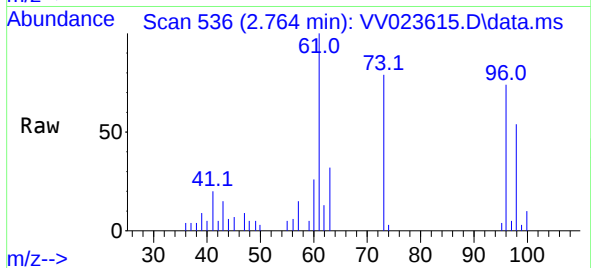




#18
trans-1,2-Dichloroethene
Concen: 0.720 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV023615.D
Acq: 18 Nov 2021 19:40

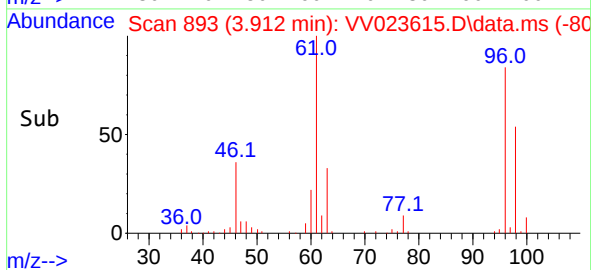
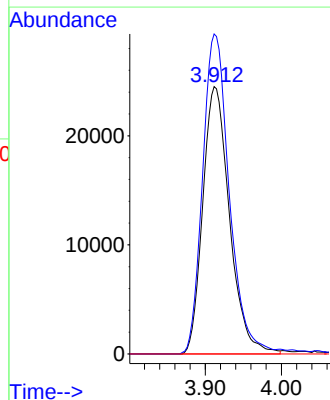
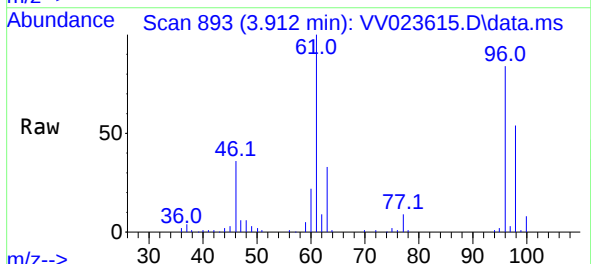
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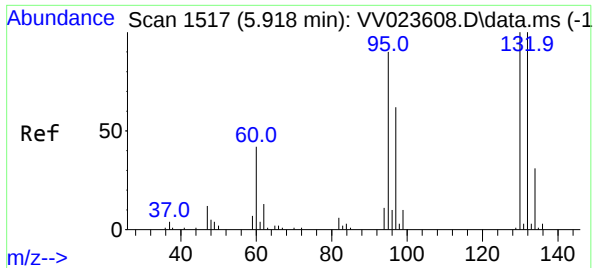
Tgt Ion: 96 Resp: 5826
Ion Ratio Lower Upper
96 100
61 135.0 93.2 173.2
98 73.1 47.0 87.2



#22
cis-1,2-Dichloroethene
Concen: 7.695 ug/L
RT: 3.912 min Scan# 893
Delta R.T. -0.003 min
Lab File: VV023615.D
Acq: 18 Nov 2021 19:40

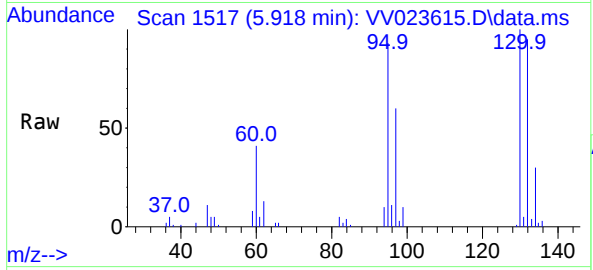
Tgt Ion: 96 Resp: 59950
Ion Ratio Lower Upper
96 100
61 119.7 92.3 171.3
68 0.0 0.4 0.8#





#34
 Trichloroethene
 Concen: 2.516 ug/L
 RT: 5.918 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VV023615.D
 Acq: 18 Nov 2021 19:40

Instrument :
 MSVOA_V
 ClientSampleId :
 H4672DL



Tgt Ion: 95 Resp: 19981

Ion	Ratio	Lower	Upper
95	100		
97	64.5	45.0	83.6
132	102.4	69.7	129.4
130	107.8	73.7	136.9

