

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022024\
 Data File : VW034296.D
 Acq On : 21 Feb 2024 02:18
 Operator : SY/MD
 Sample : P1511-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DCND3

Quant Time: Feb 21 04:51:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 21 04:37:10 2024
 Response via : Initial Calibration

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

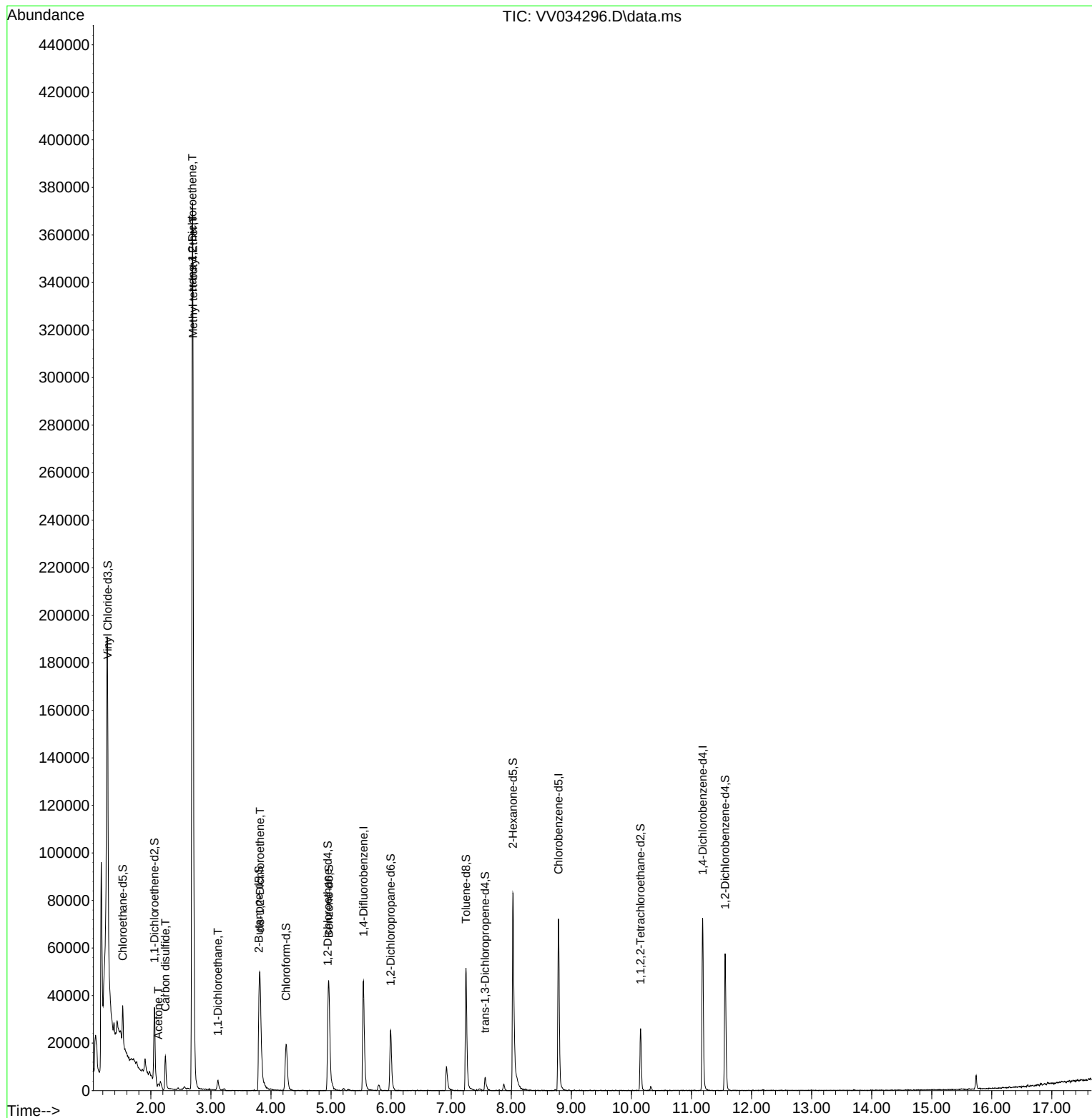
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	42602	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	39676	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	19788	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	12916	3.915	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	78.200%	
7) Chloroethane-d5	1.532	69	9496	3.286	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	65.800%	
11) 1,1-Dichloroethene-d2	2.060	65	5182	3.257	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	65.200%	
20) 2-Butanone-d5	3.799	46	38347	69.202	ug/L	-0.03
Spiked Amount	50.000	Range 40 - 130	Recovery	=	138.400%#	
24) Chloroform-d	4.249	84	22168	3.697	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	74.000%	
26) 1,2-Dichloroethane-d4	4.947	65	14199	5.068	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	101.400%	
32) Benzene-d6	4.963	84	39993	3.360	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	67.200%#	
36) 1,2-Dichloropropane-d6	5.992	67	12086	3.632	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	72.600%	
41) Toluene-d8	7.246	98	35924	3.284	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	65.600%#	
43) trans-1,3-Dichloroprop...	7.564	79	4418	3.516	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	70.400%	
46) 2-Hexanone-d5	8.027	63	29949	66.772	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	133.540%#	
56) 1,1,2,2-Tetrachloroeth...	10.153	84	12084	5.990	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	119.800%	
66) 1,2-Dichlorobenzene-d4	11.561	152	15036	4.178	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	83.600%	
Target Compounds						
					Qvalue	
13) Acetone	2.124	43	1871	4.451	ug/L #	39
14) Carbon disulfide	2.243	76	18626	1.934	ug/L	100
17) Methyl tert-butyl Ether	2.703	73	69049	11.292	ug/L	97
18) trans-1,2-Dichloroethene	2.693	96	115694	38.166	ug/L	99
19) 1,1-Dichloroethane	3.117	63	4230	0.759	ug/L #	94
22) cis-1,2-Dichloroethene	3.818	96	18709	5.440	ug/L	98

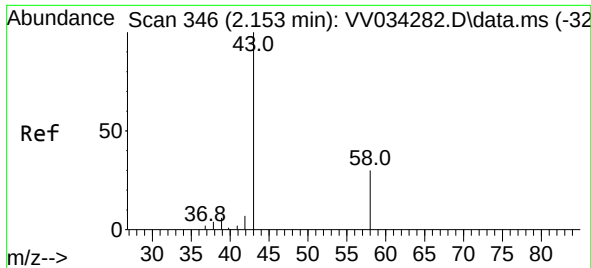
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.451 ug/L

RT: 2.124 min Scan# 31

Delta R.T. -0.029 min

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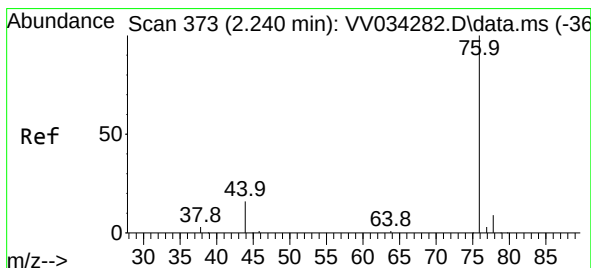
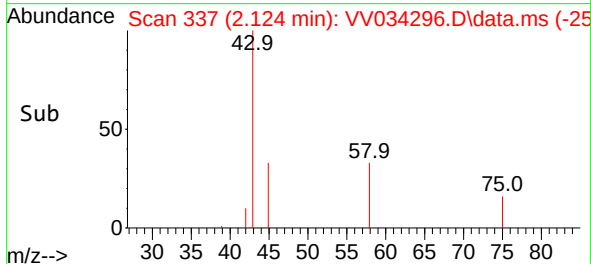
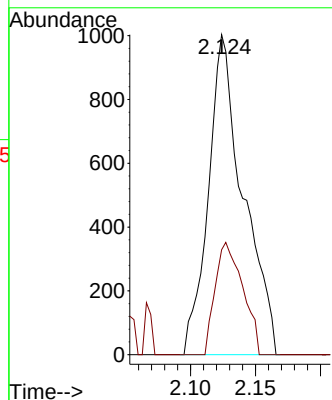
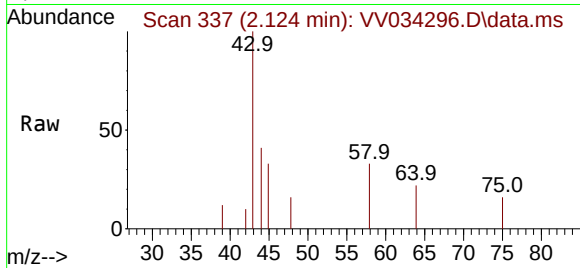
DCND3

Tgt Ion: 43 Resp: 1871

Ion Ratio Lower Upper

43 100

58 27.8 0.0 13.8#



#14

Carbon disulfide

Concen: 1.934 ug/L

RT: 2.243 min Scan# 374

Delta R.T. 0.003 min

Lab File: VV034296.D

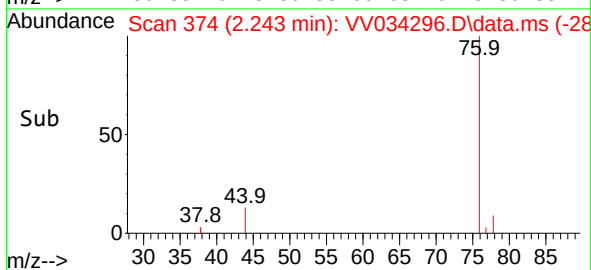
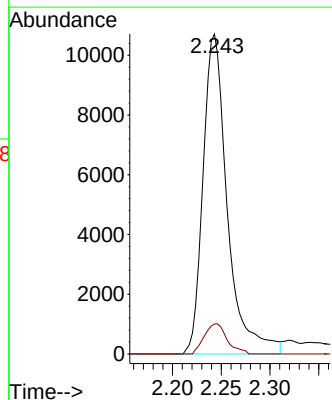
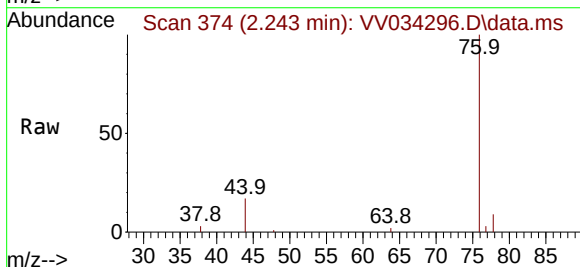
Acq: 21 Feb 2024 02:18

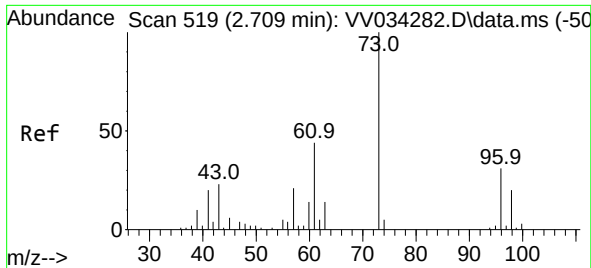
Tgt Ion: 76 Resp: 18626

Ion Ratio Lower Upper

76 100

78 9.4 7.5 11.3

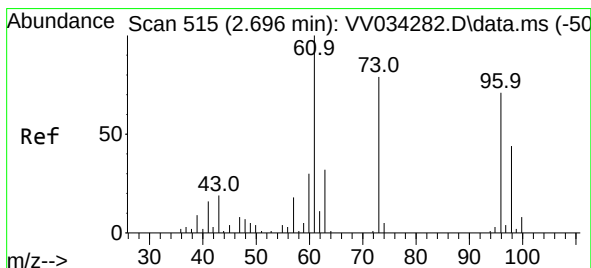
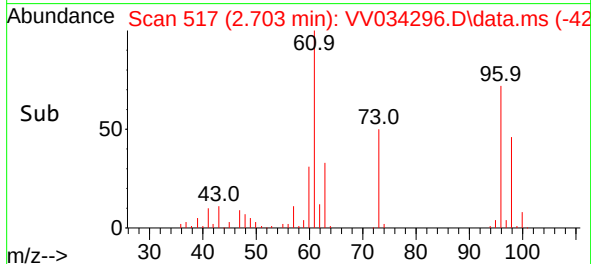
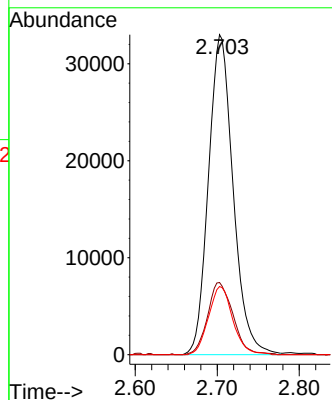
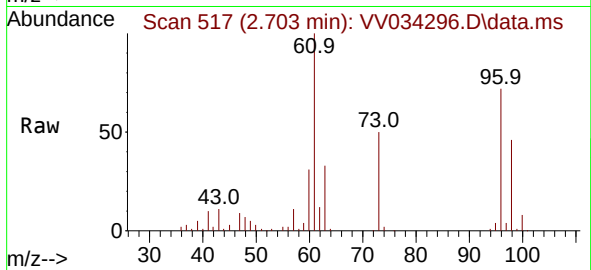




#17
Methyl tert-butyl Ether
Concen: 11.292 ug/L
RT: 2.703 min Scan# 517
Delta R.T. -0.006 min
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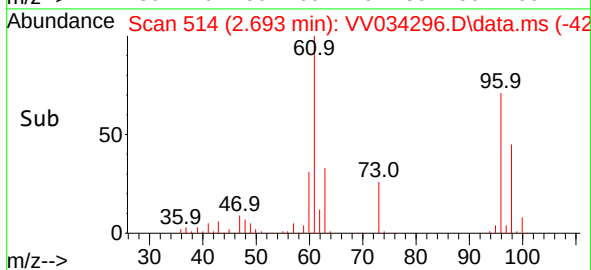
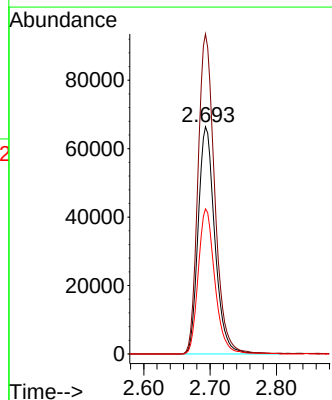
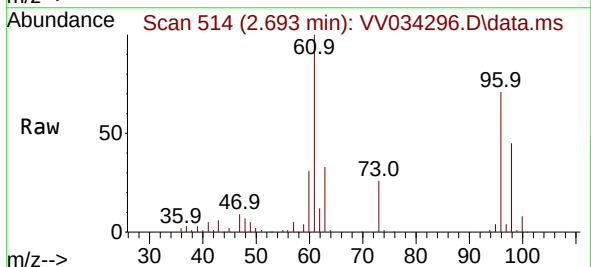
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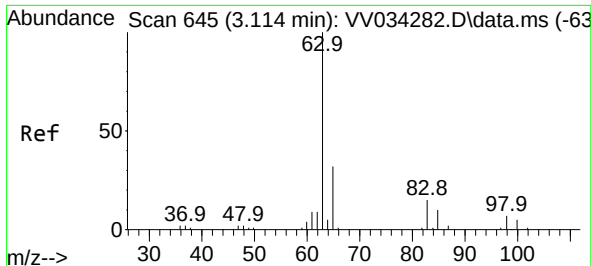
Tgt Ion: 73	Resp: 69049
Ion Ratio	Lower Upper
73 100	
43 23.2	17.7 26.5
57 21.0	17.9 26.9



#18
trans-1,2-Dichloroethene
Concen: 38.166 ug/L
RT: 2.693 min Scan# 514
Delta R.T. -0.003 min
Lab File: VV034296.D
Acq: 21 Feb 2024 02:18

Tgt Ion: 96	Resp: 115694
Ion Ratio	Lower Upper
96 100	
61 140.9	97.6 181.4
98 63.9	44.4 82.5





#19

1,1-Dichloroethane

Concen: 0.759 ug/L

RT: 3.117 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV034296.D

Acq: 21 Feb 2024 02:18

Instrument :

MSVOA_V

ClientSampleId :

DCND3

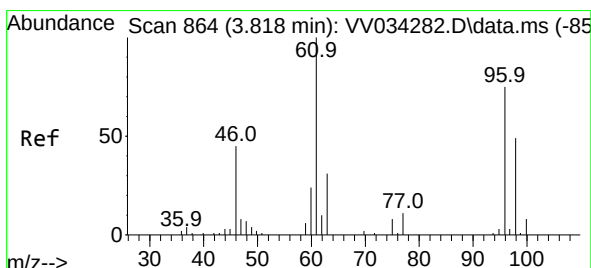
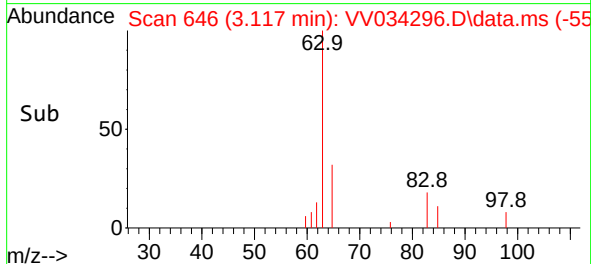
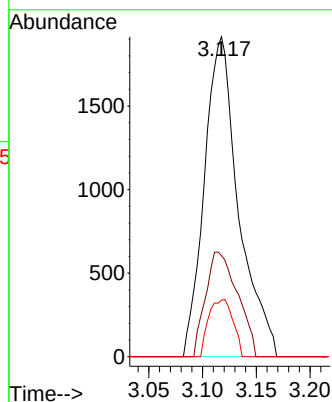
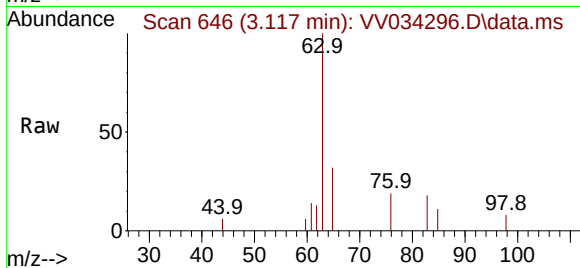
Tgt Ion: 63 Resp: 4230

Ion Ratio Lower Upper

63 100

65 31.6 20.8 38.6

83 17.6 9.4 17.4#



#22

cis-1,2-Dichloroethene

Concen: 5.440 ug/L

RT: 3.818 min Scan# 864

Delta R.T. 0.000 min

Lab File: VV034296.D

Acq: 21 Feb 2024 02:18

Tgt Ion: 96 Resp: 18709

Ion Ratio Lower Upper

96 100

61 125.7 90.3 167.7

98 62.4 43.2 80.2

