

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111622\
 Data File : VW029036.D
 Acq On : 16 Nov 2022 23:22
 Operator : SY/MD
 Sample : N5604-22
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H46E5

Quant Time: Nov 17 05:35:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 17 04:20:13 2022
 Response via : Initial Calibration

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

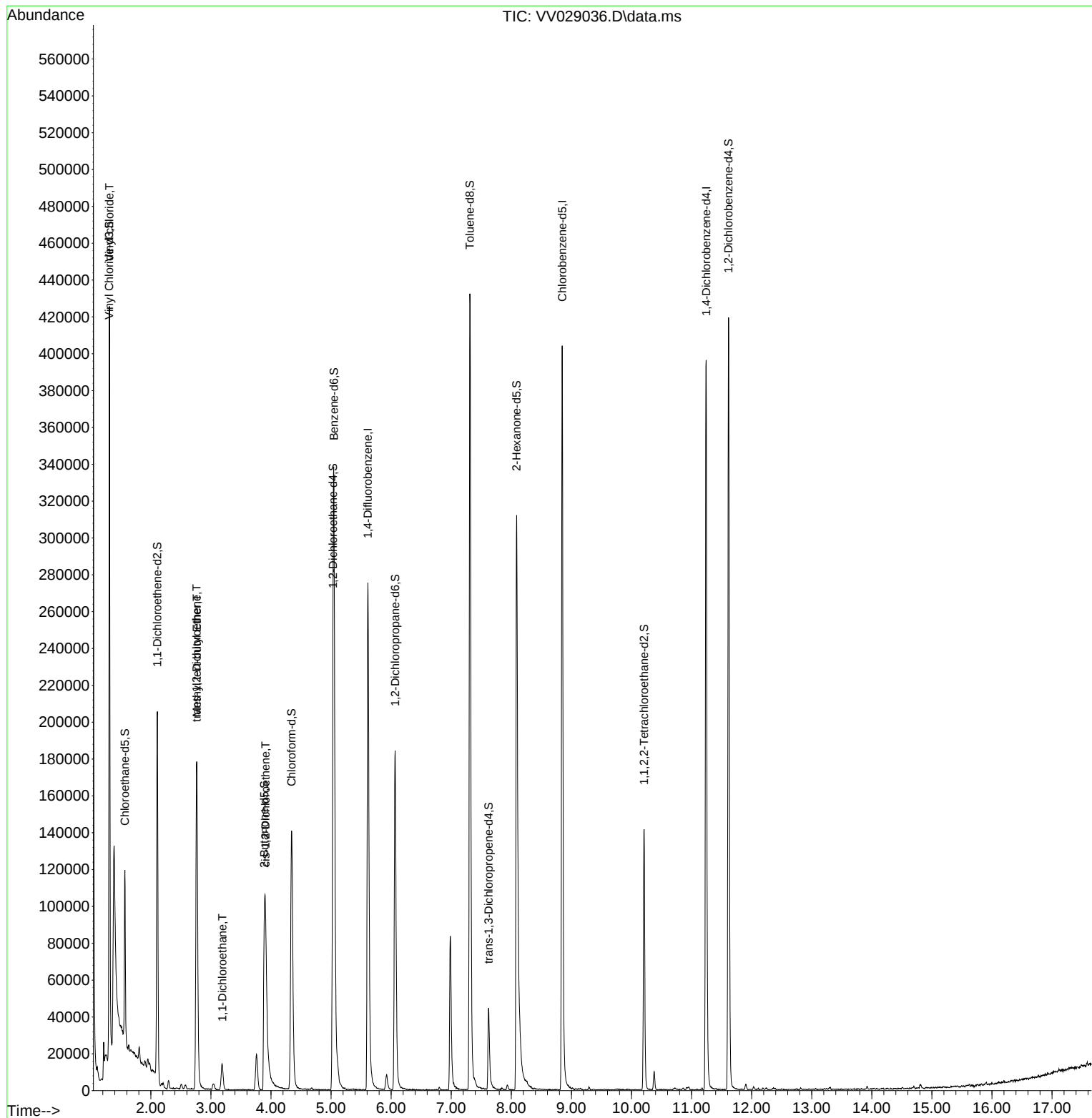
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	269063	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	244990	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	116535	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	74743	4.557	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.200%
7) Chloroethane-d5	1.568	69	59594	4.133	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.600%
11) 1,1-Dichloroethene-d2	2.108	63	98111	3.282	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.600%
20) 2-Butanone-d5	3.889	46	160924	58.606	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.220%
24) Chloroform-d	4.342	84	156883	4.658	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
26) 1,2-Dichloroethane-d4	5.030	65	74772	4.935	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.600%
32) Benzene-d6	5.047	84	338538	4.629	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%
36) 1,2-Dichloropropane-d6	6.066	67	95940	4.698	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.000%
41) Toluene-d8	7.310	98	311958	4.739	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.800%
43) trans-1,3-Dichloroprop...	7.622	79	32431	4.870	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.400%
46) 2-Hexanone-d5	8.088	63	131570	46.283	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.560%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	71294	5.036	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.800%
66) 1,2-Dichlorobenzene-d4	11.615	152	118065	5.663	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.200%
Target Compounds						
5) Vinyl chloride	1.310	62	210251	9.902	ug/L	96
17) Methyl tert-butyl Ether	2.764	73	145995	4.181	ug/L	98
18) trans-1,2-Dichloroethene	2.760	96	19851	1.051	ug/L	94
19) 1,1-Dichloroethane	3.191	63	11497	0.372	ug/L	98
22) cis-1,2-Dichloroethene	3.908	96	28663	1.492	ug/L	96

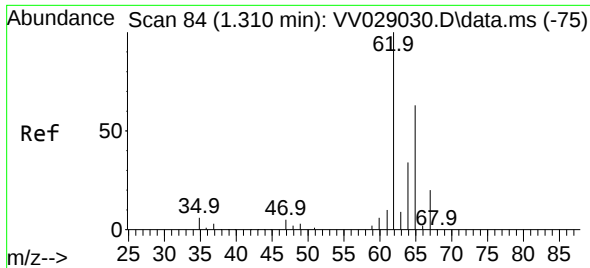
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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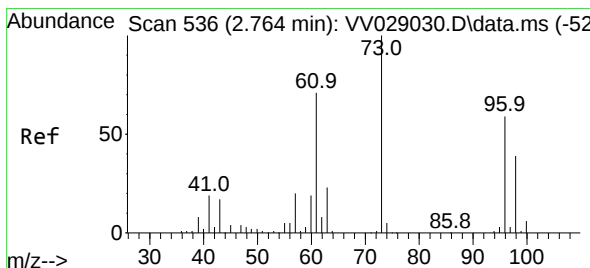
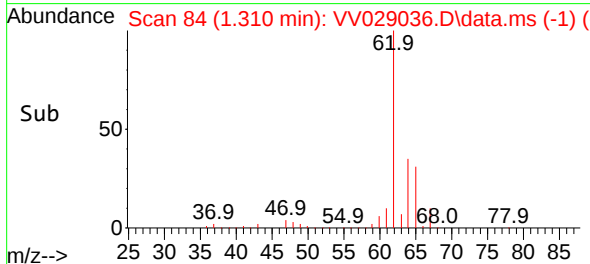
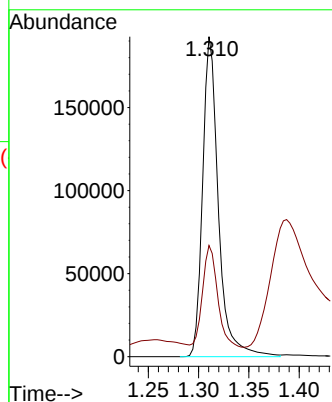
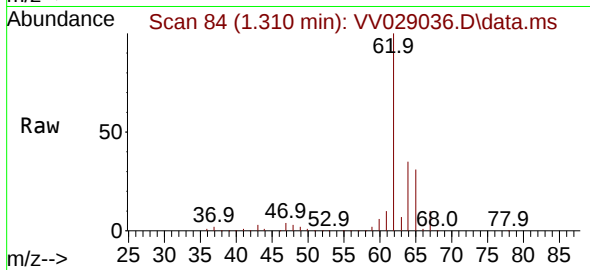




#5
 Vinyl chloride
 Concen: 9.902 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV029036.D
 Acq: 16 Nov 2022 23:22

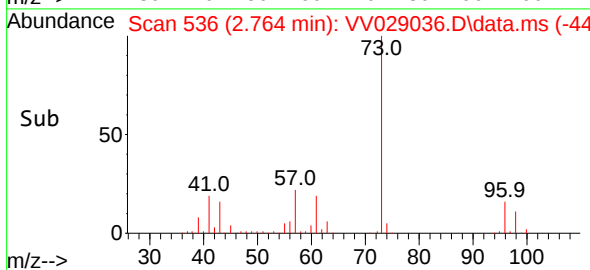
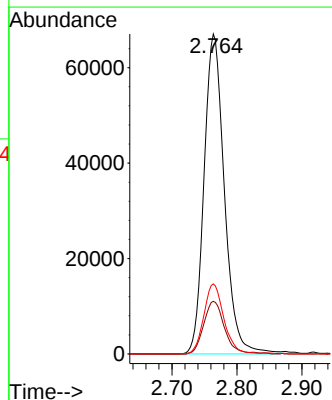
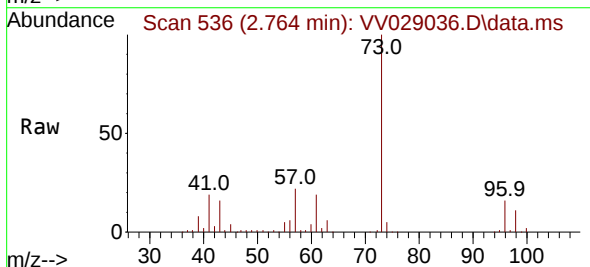
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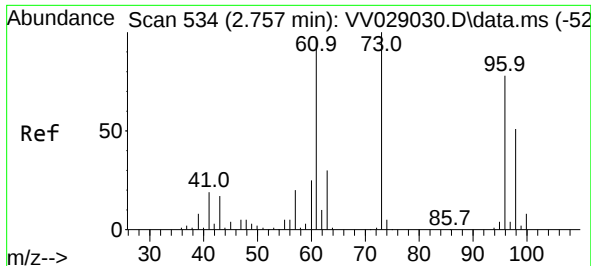
Tgt Ion: 62 Resp: 210251
 Ion Ratio Lower Upper
 62 100
 64 34.8 22.8 42.4



#17
 Methyl tert-butyl Ether
 Concen: 4.181 ug/L
 RT: 2.764 min Scan# 536
 Delta R.T. -0.000 min
 Lab File: VV029036.D
 Acq: 16 Nov 2022 23:22

Tgt Ion: 73 Resp: 145995
 Ion Ratio Lower Upper
 73 100
 43 16.6 13.0 19.4
 57 21.6 16.6 24.8

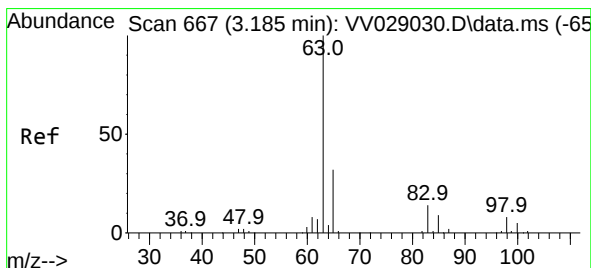
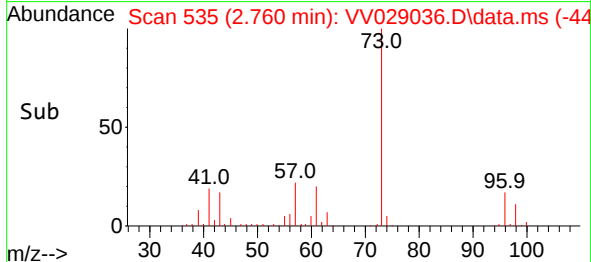
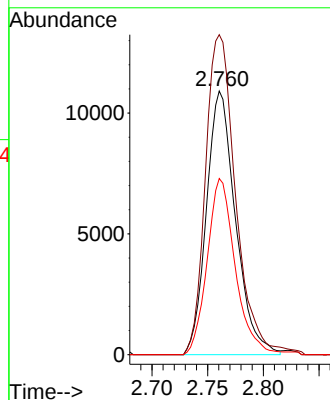
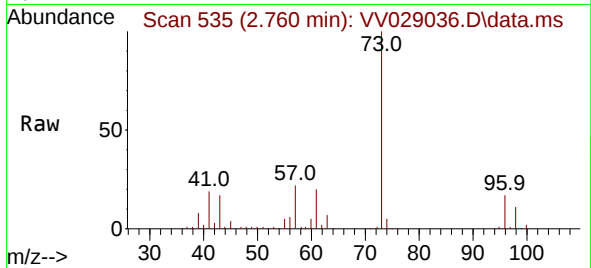




#18
trans-1,2-Dichloroethene
Concen: 1.051 ug/L
RT: 2.760 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV029036.D
Acq: 16 Nov 2022 23:22

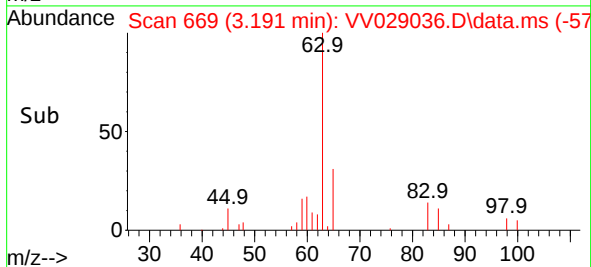
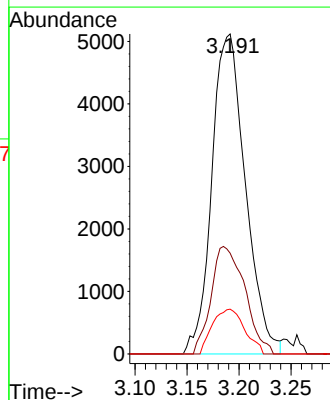
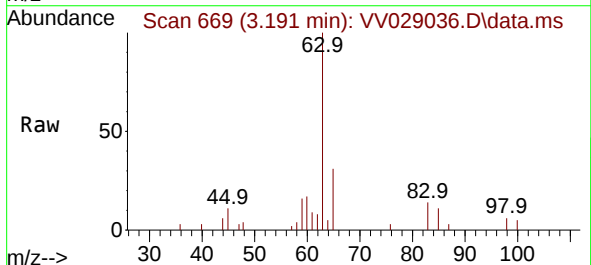
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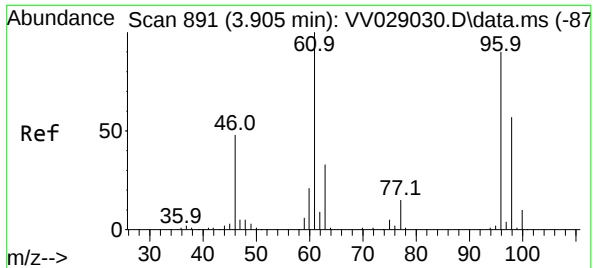
Tgt Ion: 96 Resp: 19851
Ion Ratio Lower Upper
96 100
61 121.3 91.8 170.6
98 66.8 46.4 86.2



#19
1,1-Dichloroethane
Concen: 0.372 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.006 min
Lab File: VV029036.D
Acq: 16 Nov 2022 23:22

Tgt Ion: 63 Resp: 11497
Ion Ratio Lower Upper
63 100
65 31.5 23.0 42.6
83 14.0 9.4 17.6





#22

cis-1,2-Dichloroethene

Concen: 1.492 ug/L

RT: 3.908 min Scan# 891

Delta R.T. 0.003 min

Lab File: VV029036.D

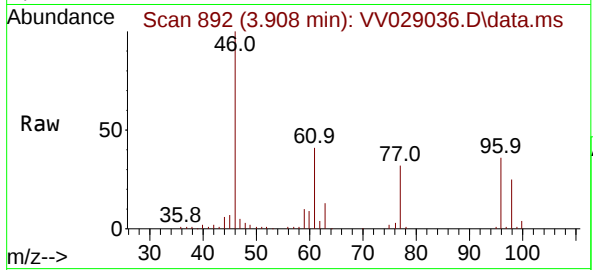
Acq: 16 Nov 2022 23:22

Instrument :

MSVOA_V

ClientSampleId :

H46E5



Tgt Ion: 96 Resp: 28663

Ion Ratio Lower Upper

96 100

61 113.2 82.3 152.9

68 0.0 0.0 0.0

