

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111422\
 Data File : VW028964.D
 Acq On : 15 Nov 2022 02:10
 Operator : SY/MD
 Sample : N5604-13
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H46D2

Quant Time: Nov 15 05:37:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 15 01:23:16 2022
 Response via : Initial Calibration

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

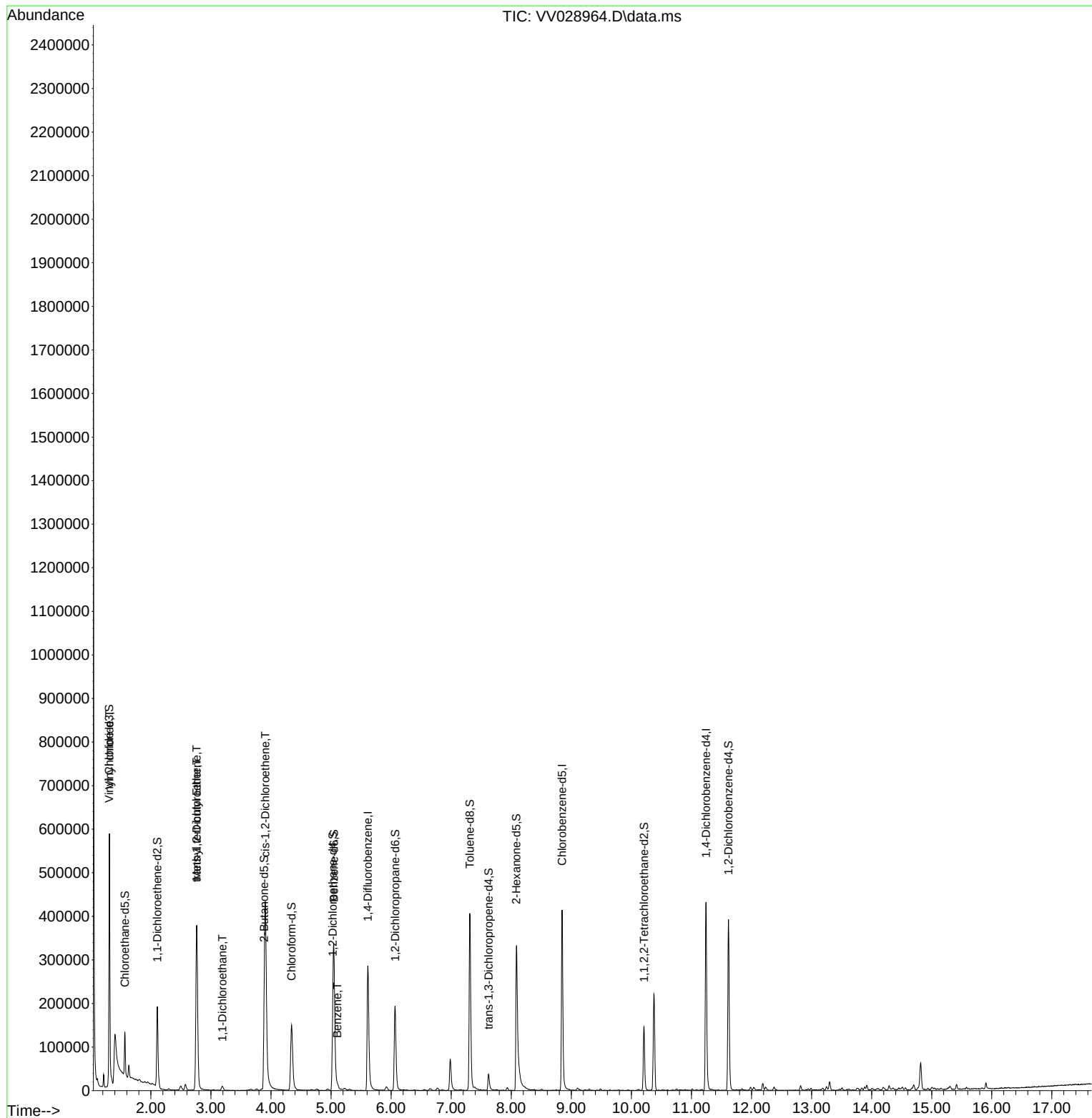
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	272084	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	252362	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	126911	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	62610	3.775	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.400%
7) Chloroethane-d5	1.568	69	63640	4.364	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.200%
11) 1,1-Dichloroethene-d2	2.108	63	90019	2.978	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.600%#
20) 2-Butanone-d5	3.886	46	177304	63.854	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	127.700%
24) Chloroform-d	4.342	84	161066	4.729	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
26) 1,2-Dichloroethane-d4	5.027	65	77694	5.071	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.400%
32) Benzene-d6	5.047	84	331854	4.406	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
36) 1,2-Dichloropropane-d6	6.066	67	99661	4.738	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.800%
41) Toluene-d8	7.310	98	293464	4.328	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.600%
43) trans-1,3-Dichloroprop...	7.622	79	26632	3.882	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.600%
46) 2-Hexanone-d5	8.085	63	142999	48.834	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.660%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	73056	5.010	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.200%
66) 1,2-Dichlorobenzene-d4	11.615	152	111097	4.893	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.800%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.310	62	297014	13.833	ug/L	96
17) Methyl tert-butyl Ether	2.764	73	397197	11.248	ug/L	98
18) trans-1,2-Dichloroethene	2.761	96	6950	0.364	ug/L	92
19) 1,1-Dichloroethane	3.191	63	10021	0.321	ug/L	98
22) cis-1,2-Dichloroethene	3.905	96	229245	11.804	ug/L	95
33) Benzene	5.104	78	11670	0.151	ug/L	100

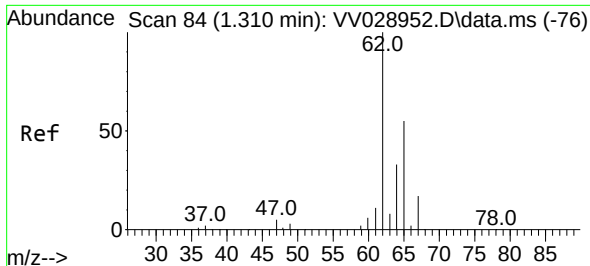
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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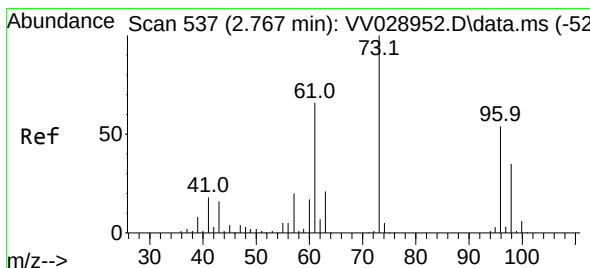
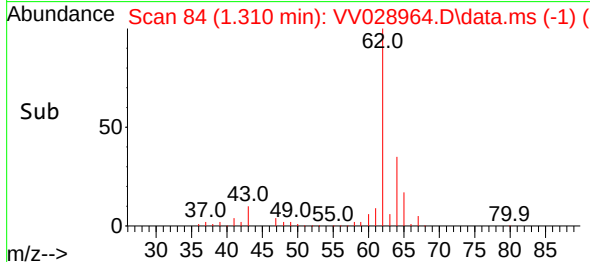
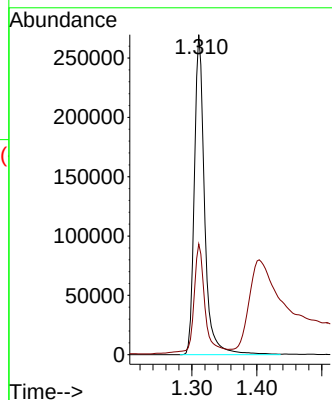
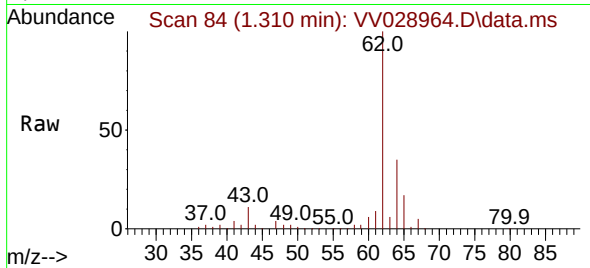




#5
 Vinyl chloride
 Concen: 13.833 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV028964.D
 Acq: 15 Nov 2022 02:10

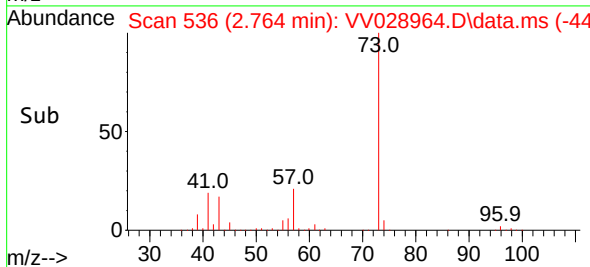
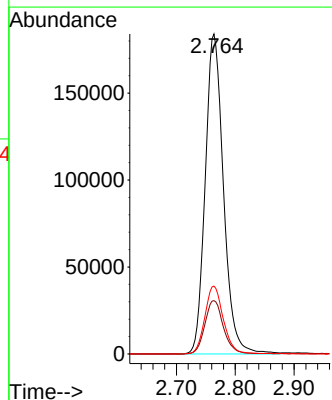
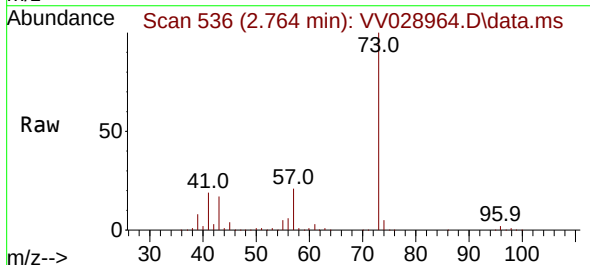
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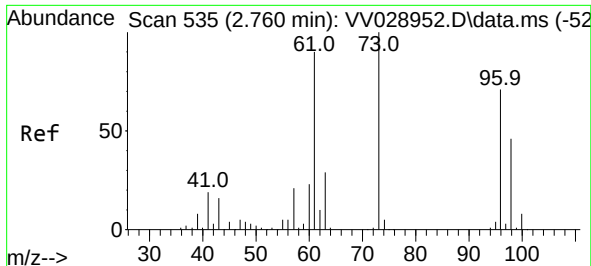
Tgt Ion: 62 Resp: 297014
 Ion Ratio Lower Upper
 62 100
 64 34.6 22.8 42.4



#17
 Methyl tert-butyl Ether
 Concen: 11.248 ug/L
 RT: 2.764 min Scan# 536
 Delta R.T. -0.003 min
 Lab File: VV028964.D
 Acq: 15 Nov 2022 02:10

Tgt Ion: 73 Resp: 397197
 Ion Ratio Lower Upper
 73 100
 43 16.9 13.0 19.4
 57 21.4 16.6 24.8

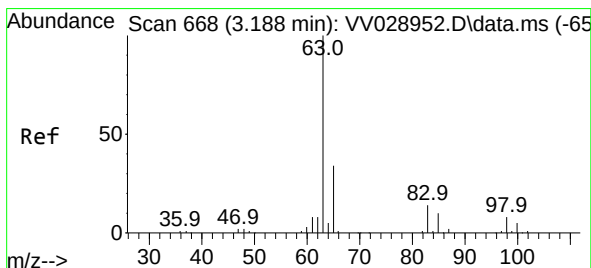
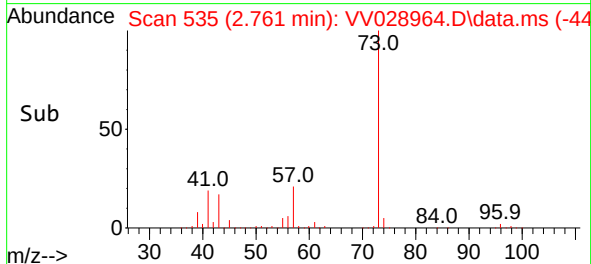
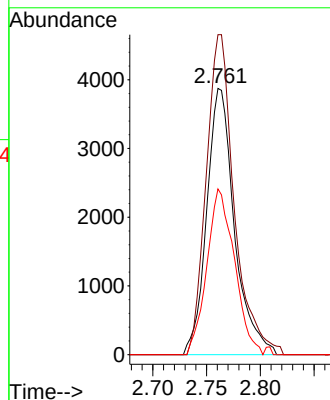
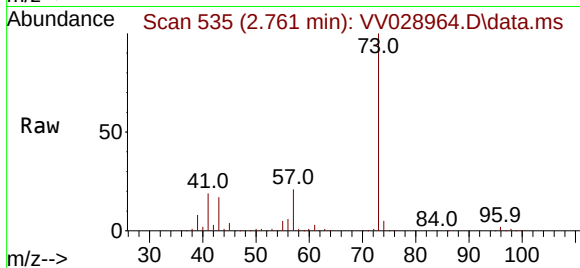




#18
trans-1,2-Dichloroethene
Concen: 0.364 ug/L
RT: 2.761 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV028964.D
Acq: 15 Nov 2022 02:10

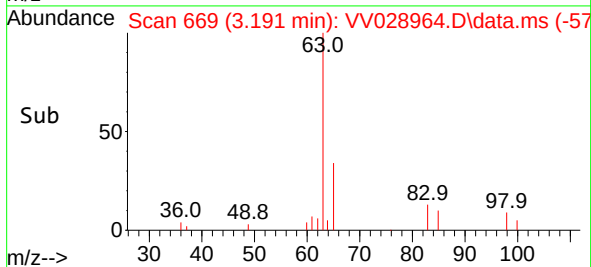
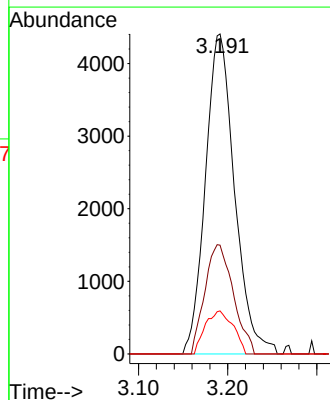
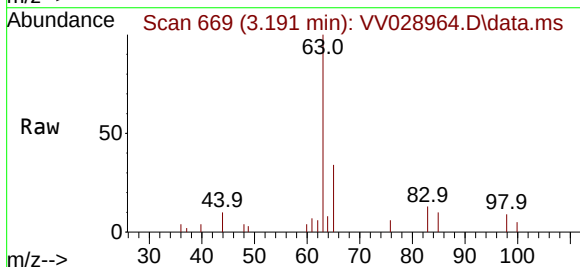
Instrument :
MSVOA_V
ClientSampleId :
H46D2

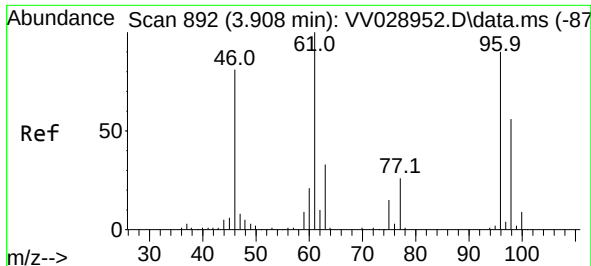
Tgt Ion: 96 Resp: 6950
Ion Ratio Lower Upper
96 100
61 120.2 91.8 170.6
98 62.3 46.4 86.2



#19
1,1-Dichloroethane
Concen: 0.321 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.003 min
Lab File: VV028964.D
Acq: 15 Nov 2022 02:10

Tgt Ion: 63 Resp: 10021
Ion Ratio Lower Upper
63 100
65 34.0 23.0 42.6
83 13.5 9.4 17.6





#22

cis-1,2-Dichloroethene

Concen: 11.804 ug/L

RT: 3.905 min Scan# 891

Delta R.T. -0.003 min

Lab File: VV028964.D

Acq: 15 Nov 2022 02:10

Instrument :

MSVOA_V

ClientSampleId :

H46D2

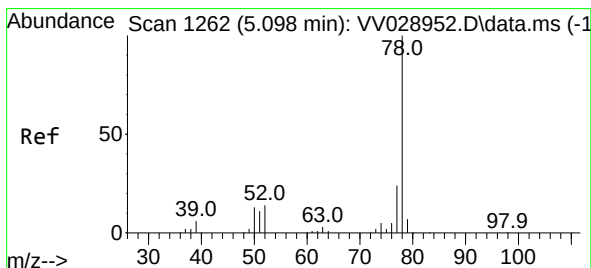
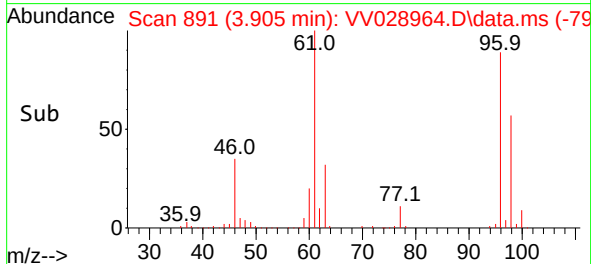
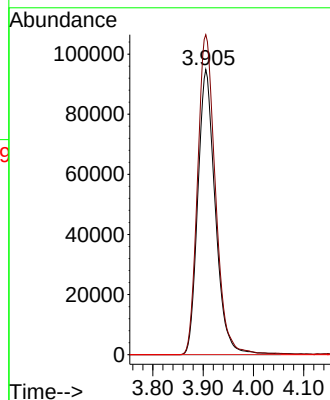
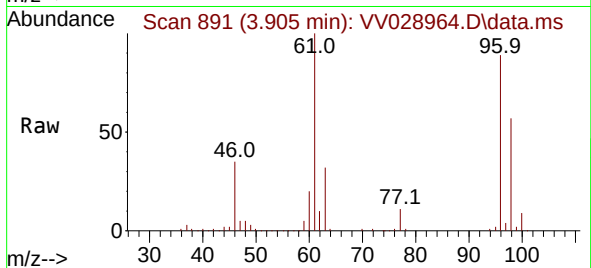
Tgt Ion: 96 Resp: 229245

Ion Ratio Lower Upper

96 100

61 112.2 82.3 152.9

68 0.0 0.0 0.0



#33

Benzene

Concen: 0.151 ug/L

RT: 5.104 min Scan# 1264

Delta R.T. 0.007 min

Lab File: VV028964.D

Acq: 15 Nov 2022 02:10

Tgt Ion: 78 Resp: 11670

