

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW081222\
 Data File : VW027340.D
 Acq On : 12 Aug 2022 20:50
 Operator : SY/MD
 Sample : N4133-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F5E08

Quant Time: Aug 13 04:16:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 13 02:46:03 2022
 Response via : Initial Calibration

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

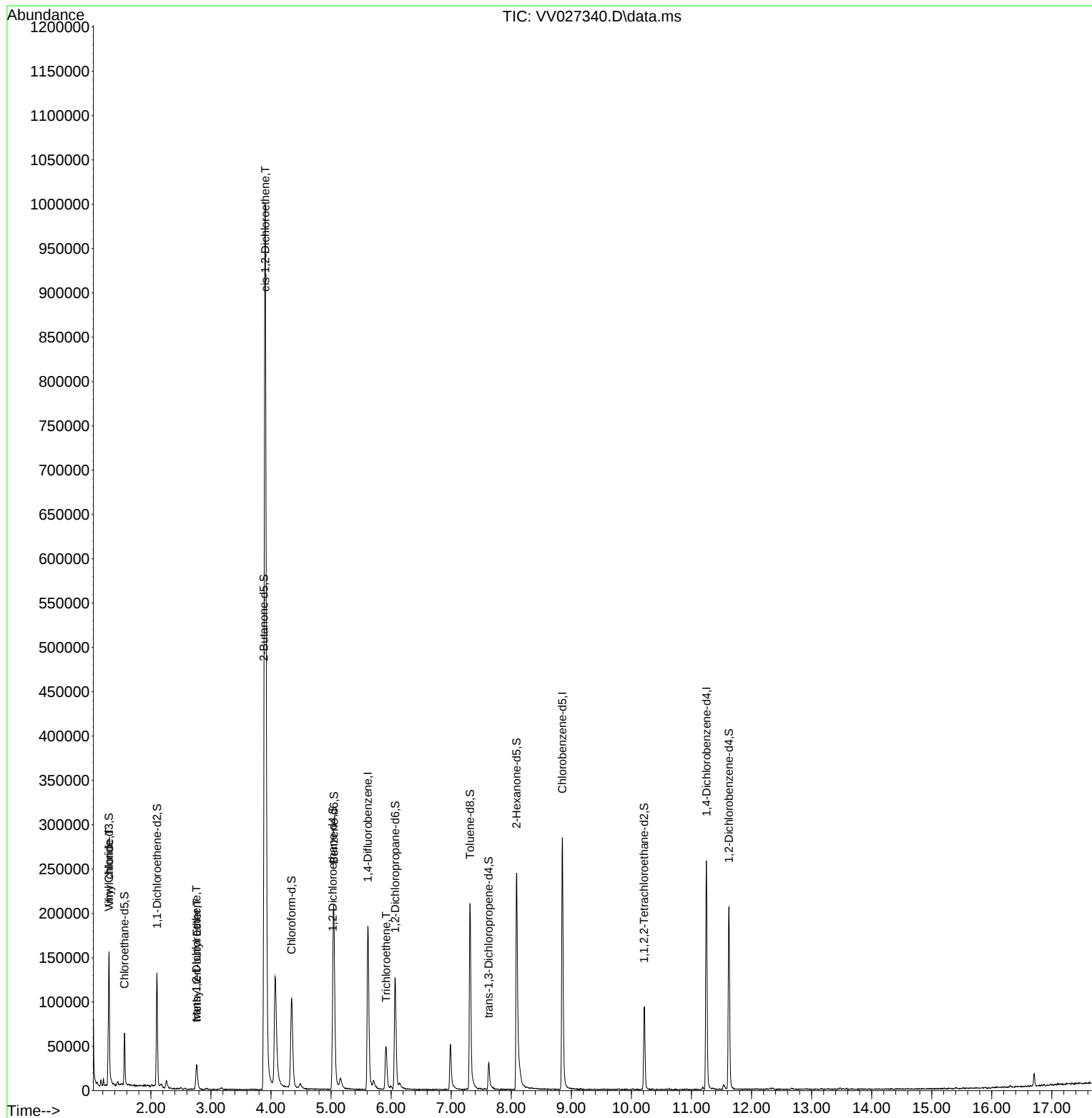
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	152779	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	161158	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	65920	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	50178	3.780	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	75.600%	
7) Chloroethane-d5	1.561	69	36580	3.795	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	75.800%	
11) 1,1-Dichloroethene-d2	2.101	63	65875	2.737	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	54.800%#	
20) 2-Butanone-d5	3.883	46	138477	61.602	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	123.200%	
24) Chloroform-d	4.342	84	104102	4.276	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.600%	
26) 1,2-Dichloroethane-d4	5.027	65	50627	4.365	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.400%	
32) Benzene-d6	5.047	84	179545	3.777	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	75.600%	
36) 1,2-Dichloropropane-d6	6.066	67	59875	4.073	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	81.400%	
41) Toluene-d8	7.313	98	144979	3.331	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	66.600%#	
43) trans-1,3-Dichloroprop...	7.625	79	19762	3.881	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	77.600%	
46) 2-Hexanone-d5	8.088	63	82922	42.083	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	84.160%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	45152	4.246	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	85.000%	
66) 1,2-Dichlorobenzene-d4	11.625	152	52970	4.656	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	93.200%	
Target Compounds						Qvalue
5) Vinyl chloride	1.304	62	52972	3.127	ug/L	96
17) Methyl tert-butyl Ether	2.767	73	14188	0.552	ug/L #	94
18) trans-1,2-Dichloroethene	2.757	96	5191	0.384	ug/L	92
22) cis-1,2-Dichloroethene	3.905	96	522000	39.227	ug/L	100
34) Trichloroethene	5.915	95	17859	1.303	ug/L	98

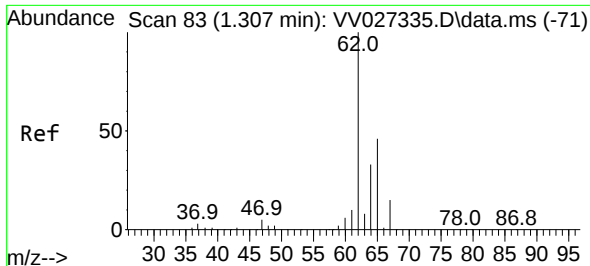
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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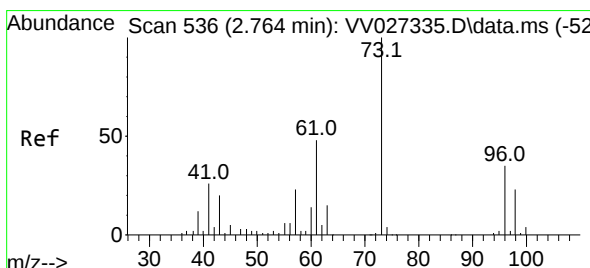
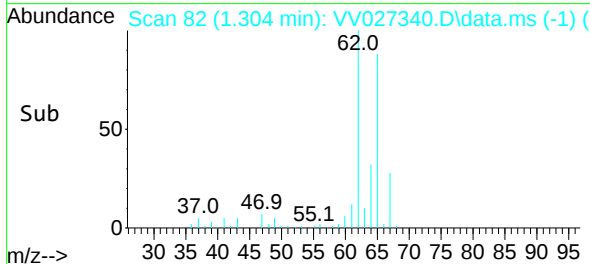
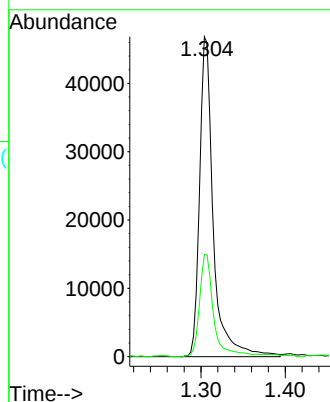
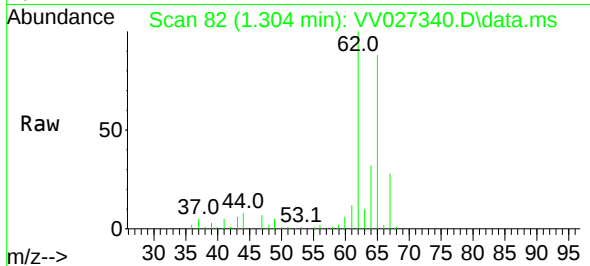




#5
 Vinyl chloride
 Concen: 3.127 ug/L
 RT: 1.304 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VV027340.D
 Acq: 12 Aug 2022 20:50

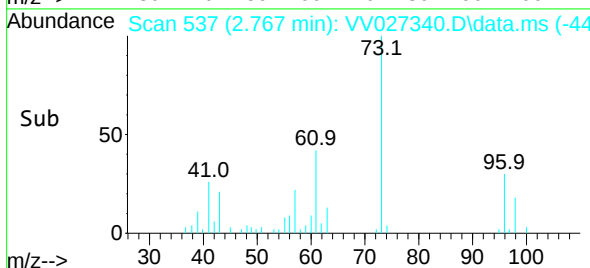
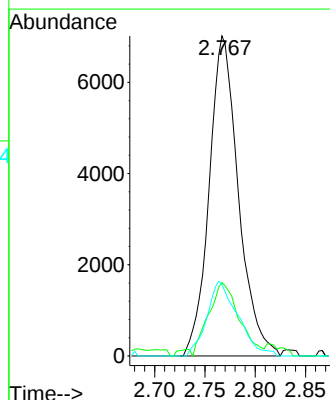
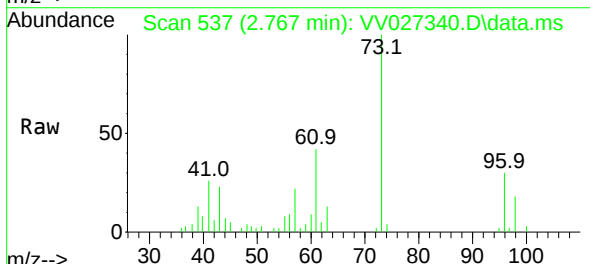
Instrument :
 MSVOA_V
 ClientSampleId :
 F5E08

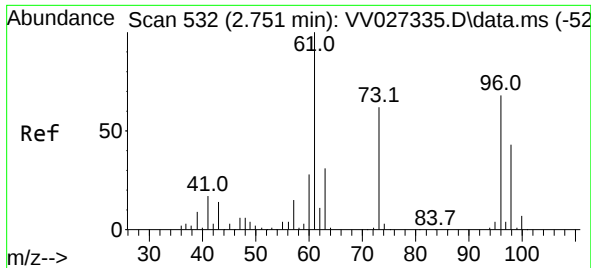
Tgt Ion: 62 Resp: 52972
 Ion Ratio Lower Upper
 62 100
 64 31.9 23.7 44.1



#17
 Methyl tert-butyl Ether
 Concen: 0.552 ug/L
 RT: 2.767 min Scan# 537
 Delta R.T. 0.003 min
 Lab File: VV027340.D
 Acq: 12 Aug 2022 20:50

Tgt Ion: 73 Resp: 14188
 Ion Ratio Lower Upper
 73 100
 43 24.1 15.8 23.8#
 57 24.7 18.3 27.5

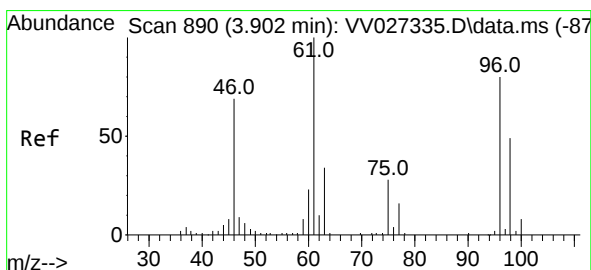
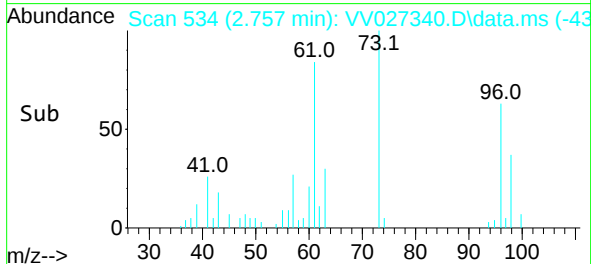
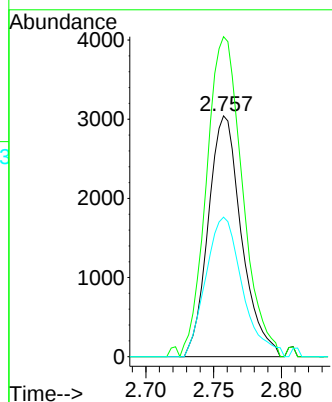
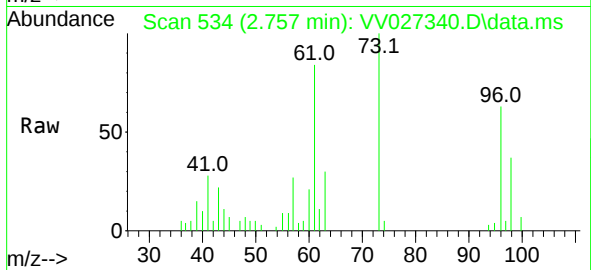




#18
trans-1,2-Dichloroethene
Concen: 0.384 ug/L
RT: 2.757 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV027340.D
Acq: 12 Aug 2022 20:50

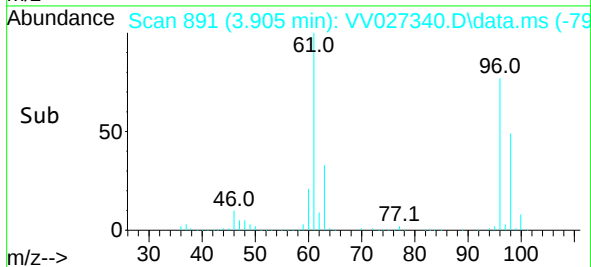
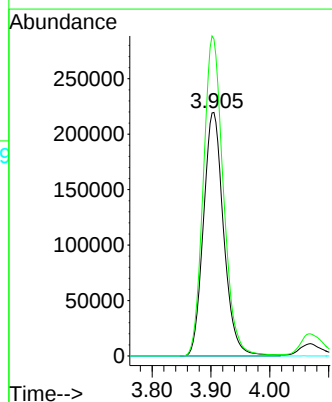
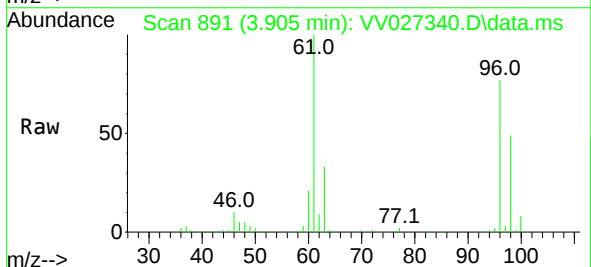
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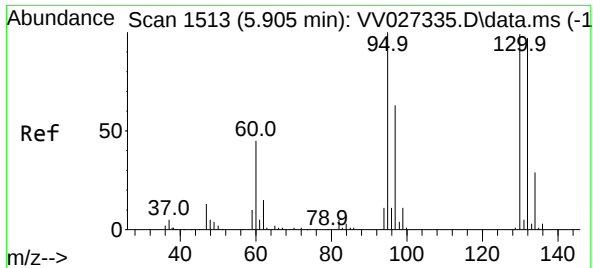
Tgt Ion: 96 Resp: 5191
Ion Ratio Lower Upper
96 100
61 132.9 99.6 185.0
98 57.9 45.1 83.7



#22
cis-1,2-Dichloroethene
Concen: 39.227 ug/L
RT: 3.905 min Scan# 891
Delta R.T. 0.003 min
Lab File: VV027340.D
Acq: 12 Aug 2022 20:50

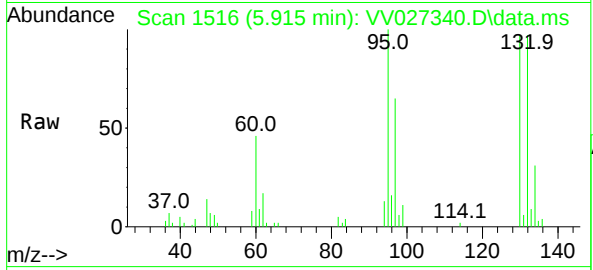
Tgt Ion: 96 Resp: 522000
Ion Ratio Lower Upper
96 100
61 130.2 91.3 169.5
68 0.0 0.0 0.0





#34
 Trichloroethene
 Concen: 1.303 ug/L
 RT: 5.915 min Scan# 11
 Delta R.T. 0.010 min
 Lab File: VV027340.D
 Acq: 12 Aug 2022 20:50

Instrument :
 MSVOA_V
 ClientSampleId :
 F5E08



Tgt Ion: 95	Resp: 17859
Ion Ratio	Lower Upper
95 100	
97 64.8	45.5 84.5
132 96.7	68.2 126.6
130 96.5	70.3 130.7

