

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082522\
 Data File : VV027512.D
 Acq On : 25 Aug 2022 22:45
 Operator : SY/MD
 Sample : N4367-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F5E94

Quant Time: Aug 26 02:02:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 26 01:50:00 2022
 Response via : Initial Calibration

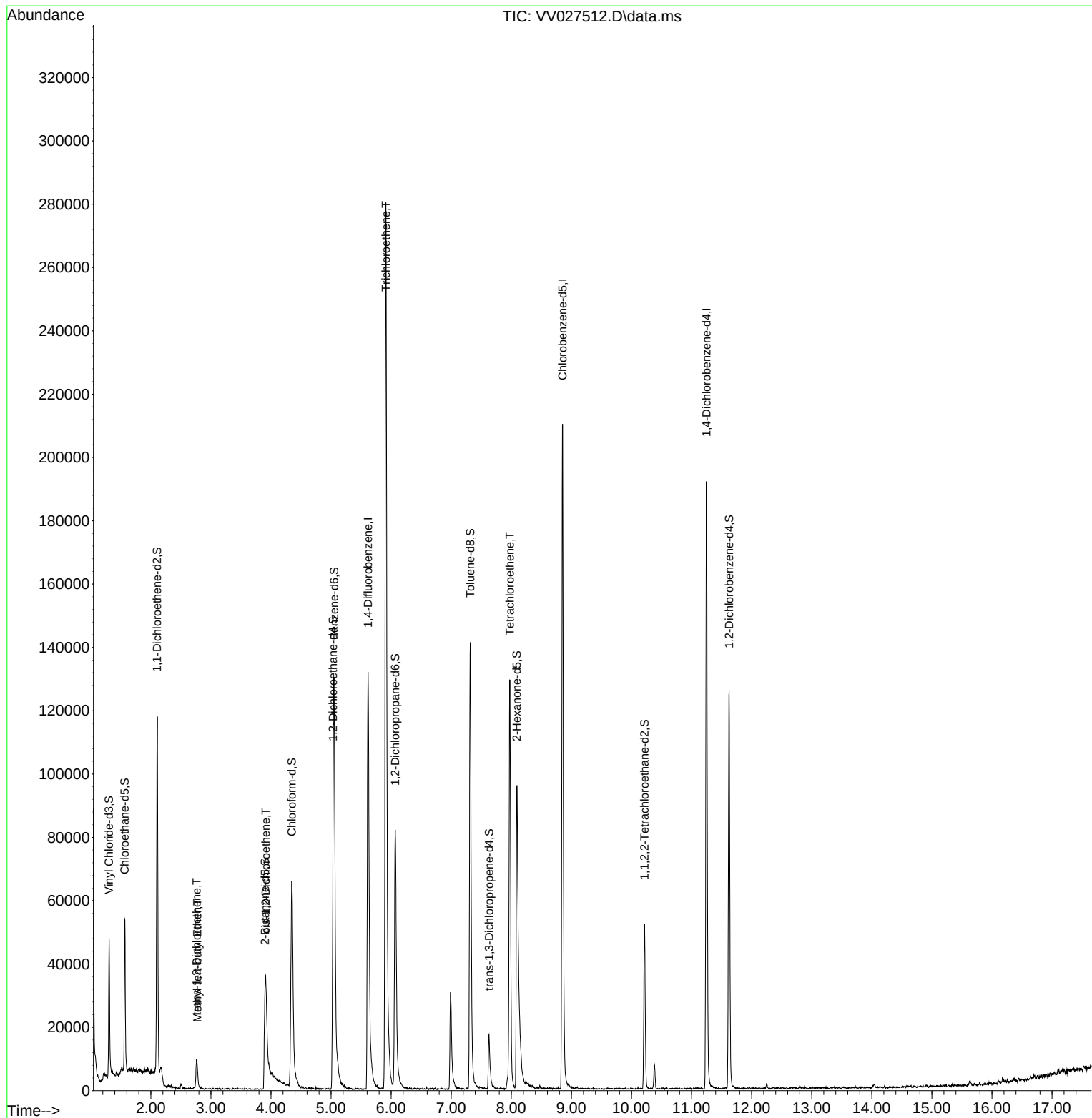
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	120379	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	118953	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	50774	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	32718	3.819	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	76.400%	
7) Chloroethane-d5	1.564	69	30814	4.914	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	98.200%	
11) 1,1-Dichloroethene-d2	2.104	63	59395	2.973	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	59.400%#	
20) 2-Butanone-d5	3.899	46	37886	35.533	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	71.060%	
24) Chloroform-d	4.346	84	73173	4.271	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.400%	
26) 1,2-Dichloroethane-d4	5.034	65	31815	4.293	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	85.800%	
32) Benzene-d6	5.050	84	124339	3.774	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	75.400%	
36) 1,2-Dichloropropane-d6	6.069	67	40053	4.181	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	83.600%	
41) Toluene-d8	7.317	98	99588	3.348	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	67.000%#	
43) trans-1,3-Dichloroprop...	7.628	79	11961	3.647	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	73.000%	
46) 2-Hexanone-d5	8.091	63	41395	38.341	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	76.680%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	24993	4.097	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	82.000%	
66) 1,2-Dichlorobenzene-d4	11.625	152	33034	4.389	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	87.800%	
Target Compounds						
17) Methyl tert-butyl Ether	2.773	73	2822	0.150	ug/L #	83
18) trans-1,2-Dichloroethene	2.760	96	2524	0.269	ug/L	81
22) cis-1,2-Dichloroethene	3.912	96	12101	1.210	ug/L	94
34) Trichloroethene	5.911	95	102628	9.861	ug/L	95
47) Tetrachloroethene	7.976	164	29523	3.641	ug/L	94

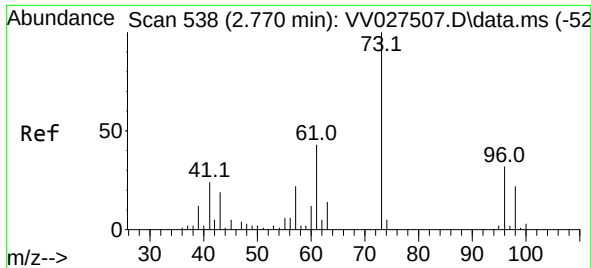
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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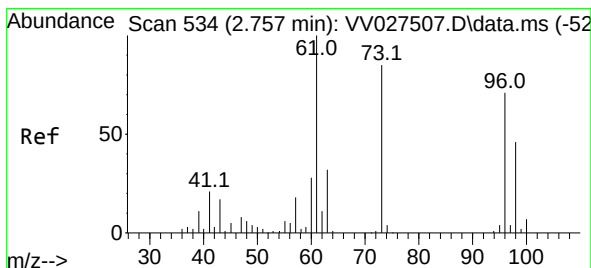
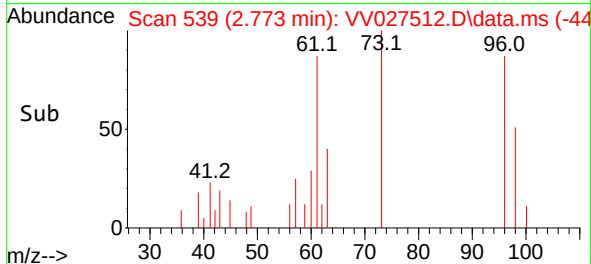
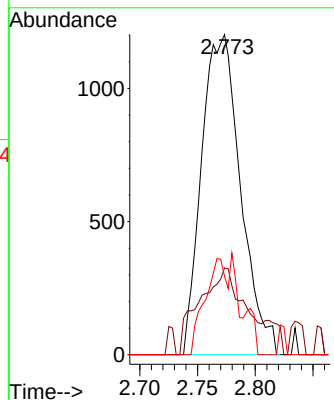
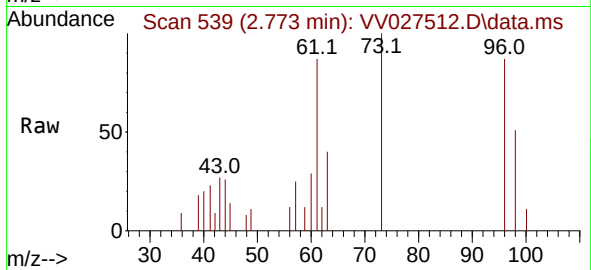




#17
Methyl tert-butyl Ether
Concen: 0.150 ug/L
RT: 2.773 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV027512.D
Acq: 25 Aug 2022 22:45

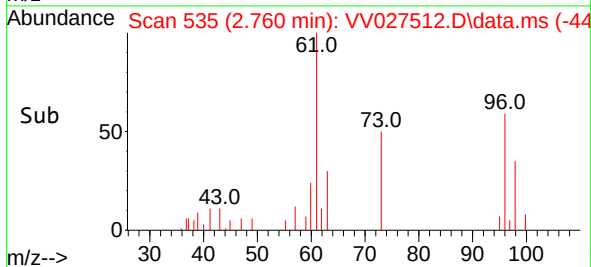
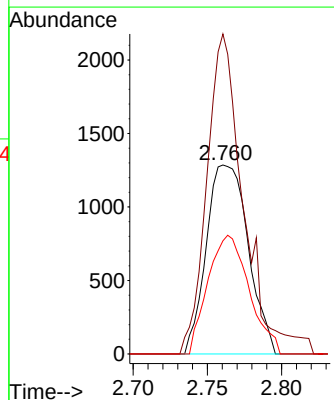
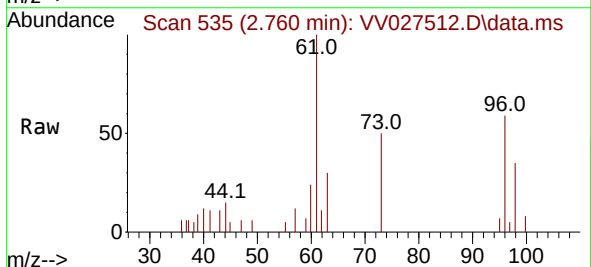
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F5E94

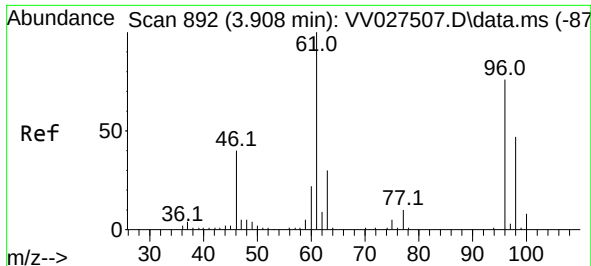
Tgt Ion: 73 Resp: 2822
Ion Ratio Lower Upper
73 100
43 31.1 15.6 23.4#
57 17.0 17.0 25.6#



#18
trans-1,2-Dichloroethene
Concen: 0.269 ug/L
RT: 2.760 min Scan# 535
Delta R.T. 0.003 min
Lab File: VV027512.D
Acq: 25 Aug 2022 22:45

Tgt Ion: 96 Resp: 2524
Ion Ratio Lower Upper
96 100
61 169.3 97.6 181.4
98 59.9 45.9 85.3

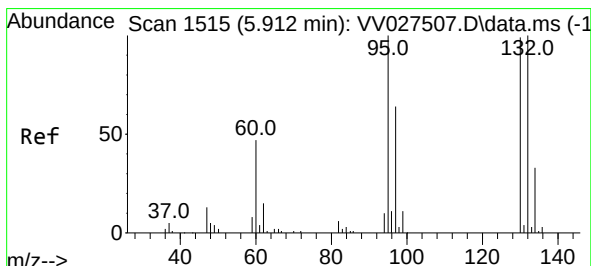
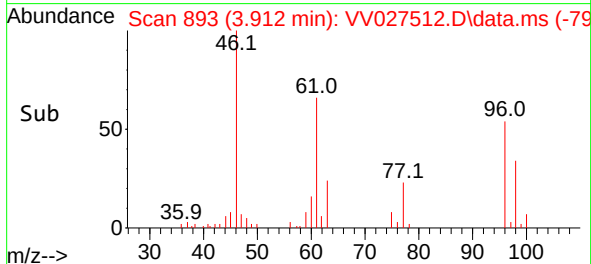
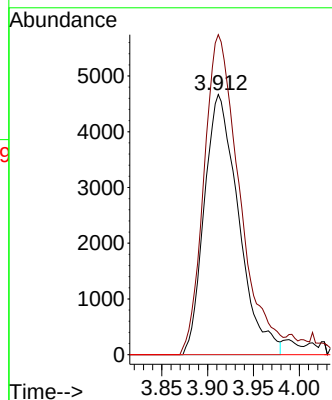
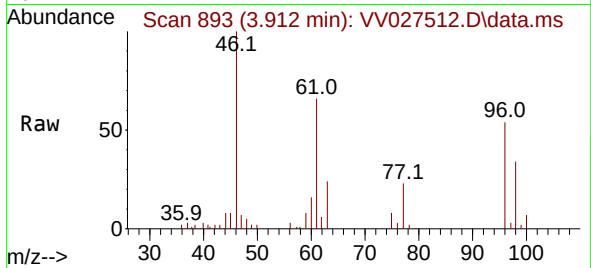




#22
 cis-1,2-Dichloroethene
 Concen: 1.210 ug/L
 RT: 3.912 min Scan# 892
 Delta R.T. 0.003 min
 Lab File: VV027512.D
 Acq: 25 Aug 2022 22:45

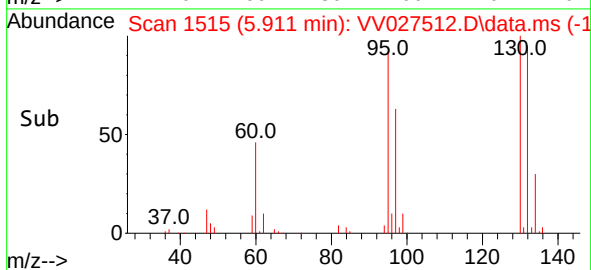
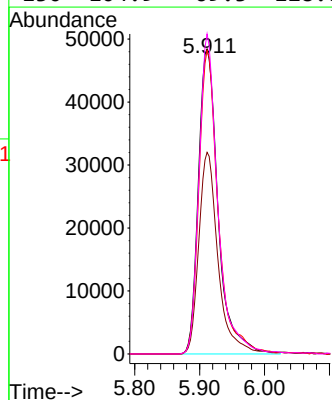
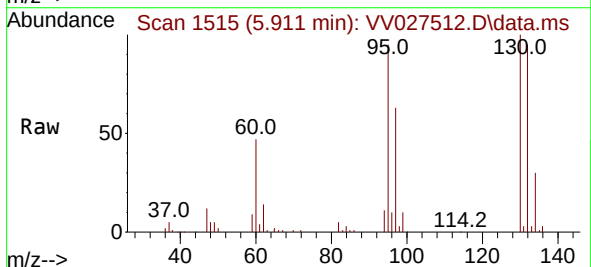
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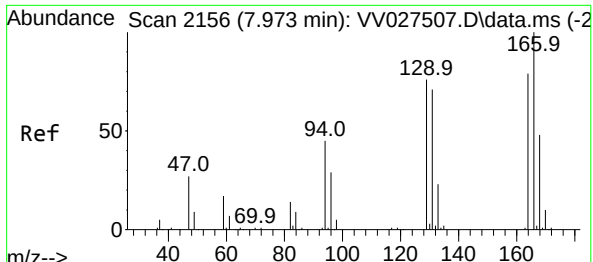
Tgt Ion: 96 Resp: 12101
 Ion Ratio Lower Upper
 96 100
 61 123.0 90.6 168.2
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 9.861 ug/L
 RT: 5.911 min Scan# 1515
 Delta R.T. -0.000 min
 Lab File: VV027512.D
 Acq: 25 Aug 2022 22:45

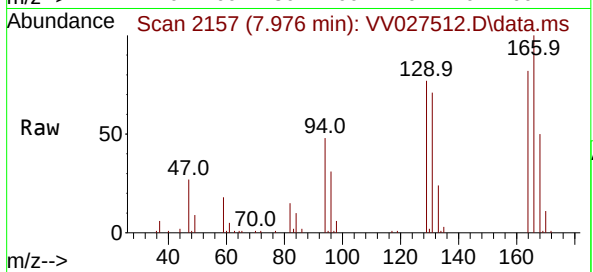
Tgt Ion: 95 Resp: 102628
 Ion Ratio Lower Upper
 95 100
 97 66.1 45.0 83.6
 132 99.5 65.7 121.9
 130 104.9 69.3 128.7





#47
 Tetrachloroethene
 Concen: 3.641 ug/L
 RT: 7.976 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV027512.D
 Acq: 25 Aug 2022 22:45

Instrument :
 MSVOA_V
 ClientSampleId :
 F5E94



Tgt Ion:	164	Resp:	29523
Ion	Ratio	Lower	Upper
164	100		
129	93.5	71.1	132.1
131	86.7	64.5	119.9
166	121.8	89.4	166.0

