

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082522\
 Data File : VV027511.D
 Acq On : 25 Aug 2022 22:20
 Operator : SY/MD
 Sample : N4367-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F5E93

Quant Time: Aug 26 02:02:14 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

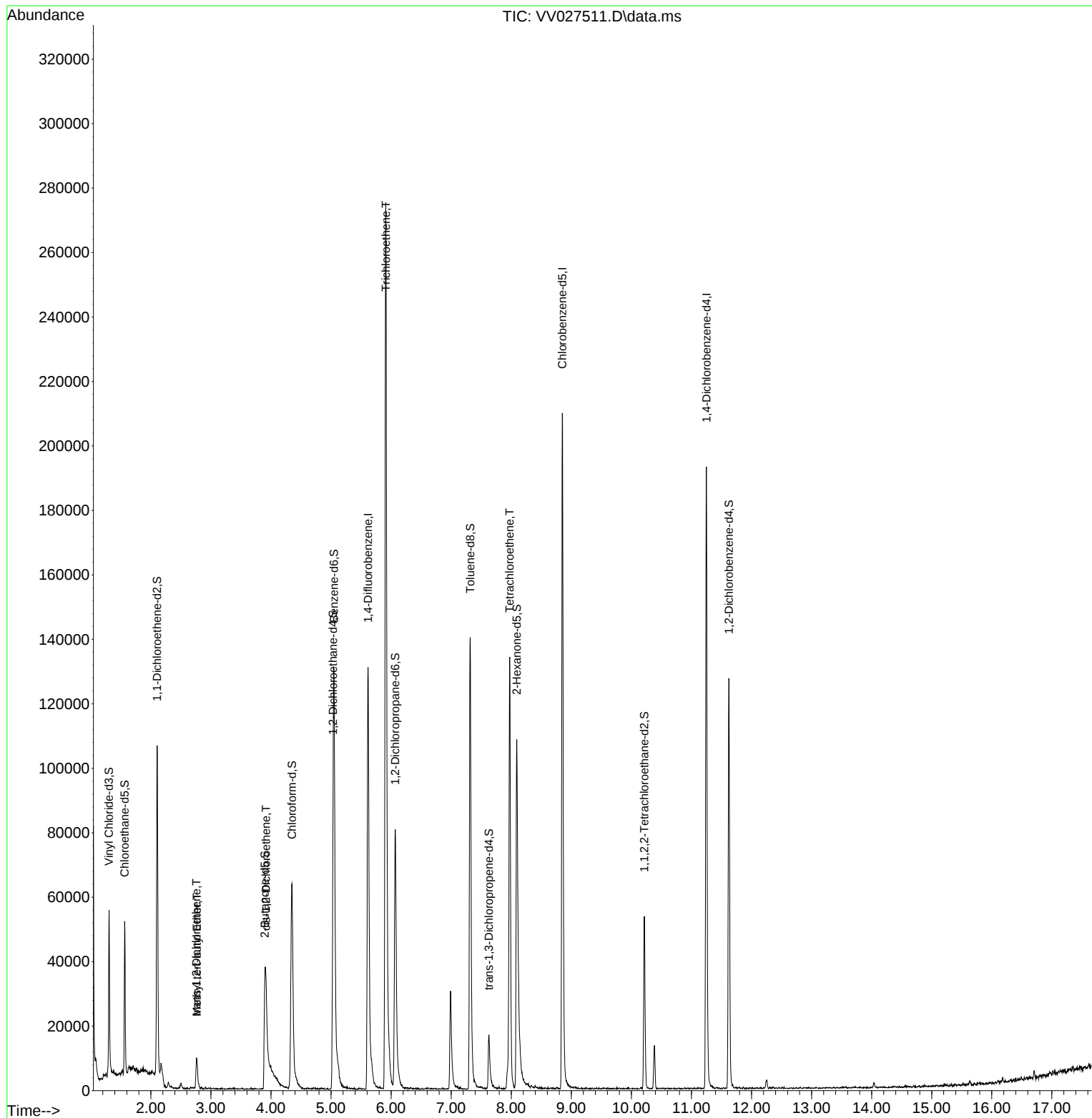
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	120199	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	115521	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	50912	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	33486	3.914	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	78.200%	
7) Chloroethane-d5	1.564	69	28235	4.510	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	90.200%	
11) 1,1-Dichloroethene-d2	2.105	63	55191	2.767	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	55.400%#	
20) 2-Butanone-d5	3.896	46	41496	38.977	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	77.960%	
24) Chloroform-d	4.349	84	71460	4.178	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	83.600%	
26) 1,2-Dichloroethane-d4	5.034	65	30088	4.066	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	81.400%	
32) Benzene-d6	5.047	84	123164	3.849	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	77.000%	
36) 1,2-Dichloropropane-d6	6.069	67	39663	4.264	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	85.200%	
41) Toluene-d8	7.317	98	97975	3.391	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	67.800%#	
43) trans-1,3-Dichloroprop...	7.629	79	11429	3.588	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	71.800%	
46) 2-Hexanone-d5	8.092	63	43665	41.645	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	83.280%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	25134	4.243	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	84.800%	
66) 1,2-Dichlorobenzene-d4	11.622	152	32949	4.366	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	87.400%	
Target Compounds						
17) Methyl tert-butyl Ether	2.767	73	2954	0.157	ug/L	97
18) trans-1,2-Dichloroethene	2.757	96	2497	0.267	ug/L	92
22) cis-1,2-Dichloroethene	3.915	96	12022	1.204	ug/L	87
34) Trichloroethene	5.912	95	100730	9.966	ug/L	95
47) Tetrachloroethene	7.976	164	31054	3.944	ug/L	96

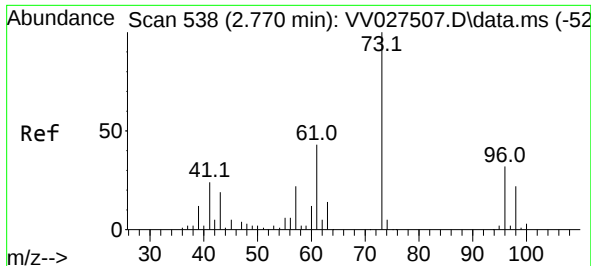
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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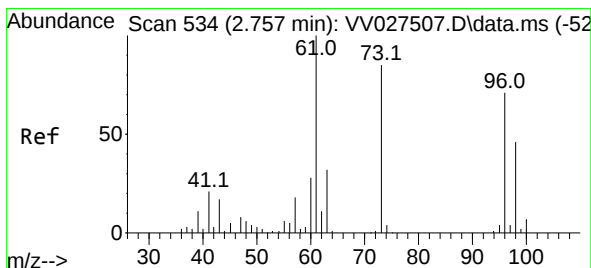
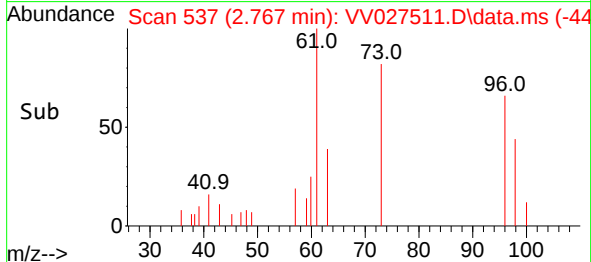
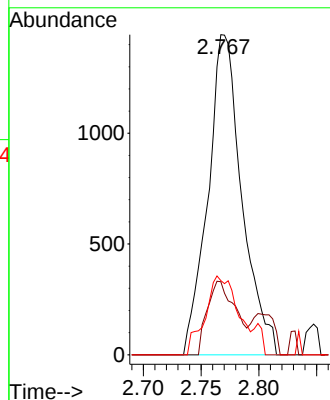
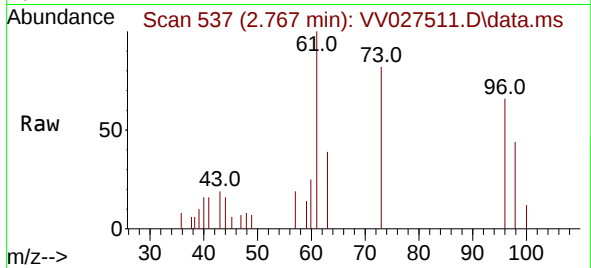




#17
Methyl tert-butyl Ether
Concen: 0.157 ug/L
RT: 2.767 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV027511.D
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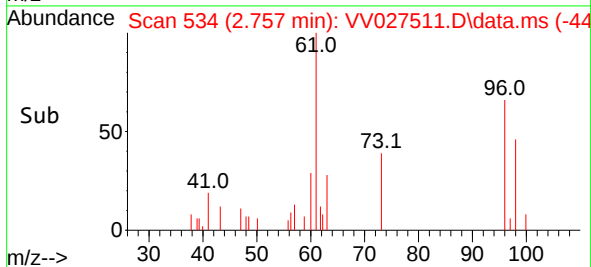
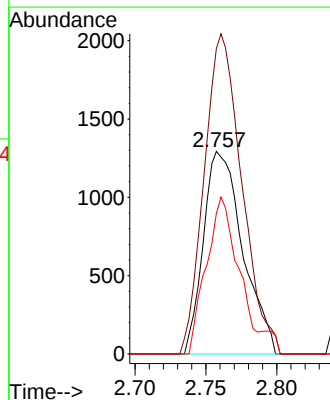
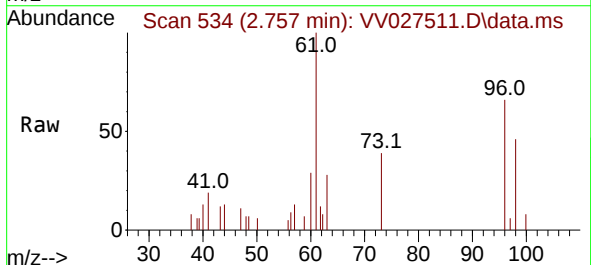
Instrument :
MSVOA_V
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F5E93

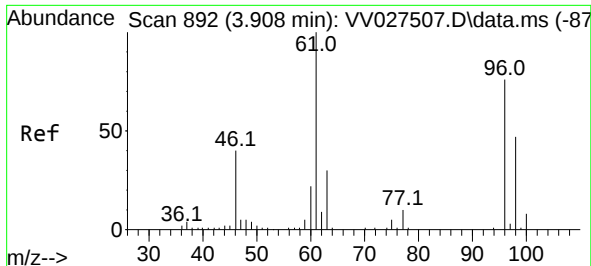
Tgt Ion: 73	Resp:	2954
Ion	Ratio	Lower Upper
73	100	
43	19.1	15.6 23.4
57	23.4	17.0 25.6



#18
trans-1,2-Dichloroethene
Concen: 0.267 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.000 min
Lab File: VV027511.D
Acq: 25 Aug 2022 22:20

Tgt Ion: 96	Resp:	2497
Ion	Ratio	Lower Upper
96	100	
61	150.8	97.6 181.4
98	69.4	45.9 85.3

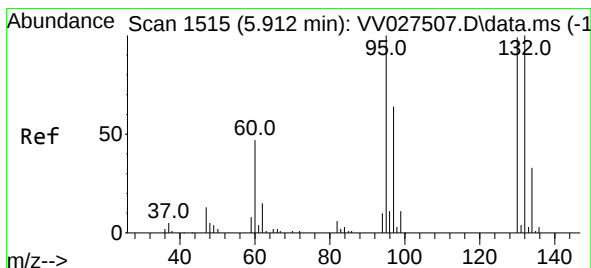
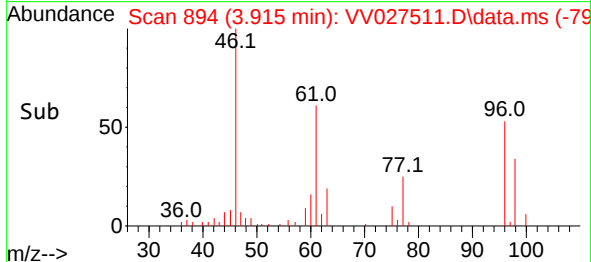
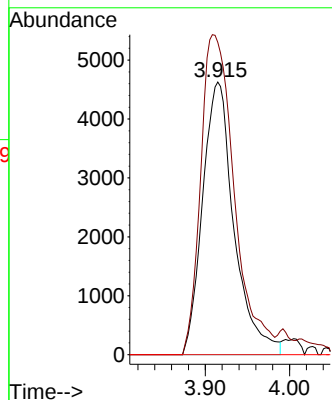
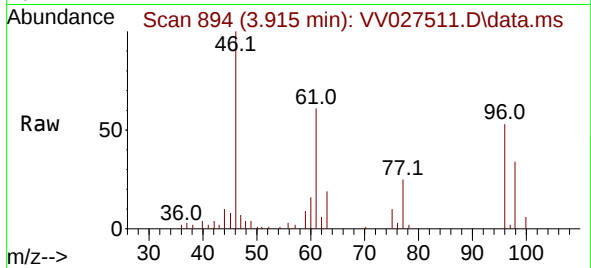




#22
cis-1,2-Dichloroethene
Concen: 1.204 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.006 min
Lab File: VV027511.D
Acq: 25 Aug 2022 22:20

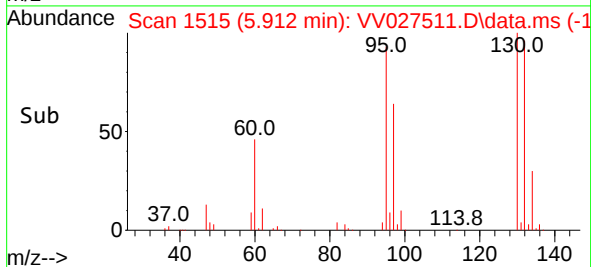
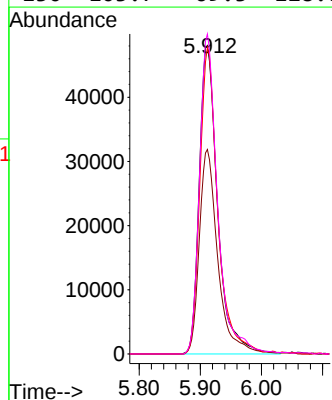
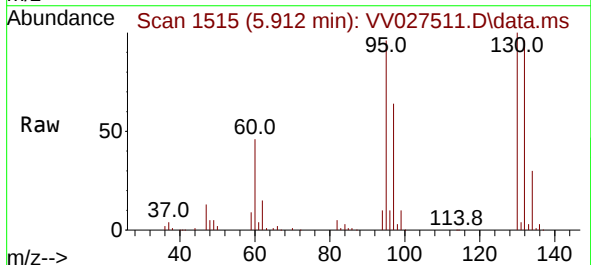
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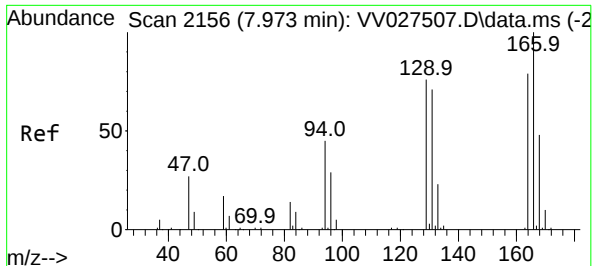
Tgt Ion: 96 Resp: 12022
Ion Ratio Lower Upper
96 100
61 114.5 90.6 168.2
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 9.966 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VV027511.D
Acq: 25 Aug 2022 22:20

Tgt Ion: 95 Resp: 100730
Ion Ratio Lower Upper
95 100
97 66.3 45.0 83.6
132 99.4 65.7 121.9
130 103.7 69.3 128.7





#47
 Tetrachloroethene
 Concen: 3.944 ug/L
 RT: 7.976 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV027511.D
 Acq: 25 Aug 2022 22:20

Instrument :
 MSVOA_V
 ClientSampleId :
 F5E93

Tgt Ion:	164	Resp:	31054
Ion	Ratio	Lower	Upper
164	100		
129	92.5	71.1	132.1
131	92.1	64.5	119.9
166	125.0	89.4	166.0

