

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082622\
 Data File : VV027534.D
 Acq On : 26 Aug 2022 14:47
 Operator : SY/MD
 Sample : N4368-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F5E91

Quant Time: Aug 27 03:15:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 27 03:12:26 2022
 Response via : Initial Calibration

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

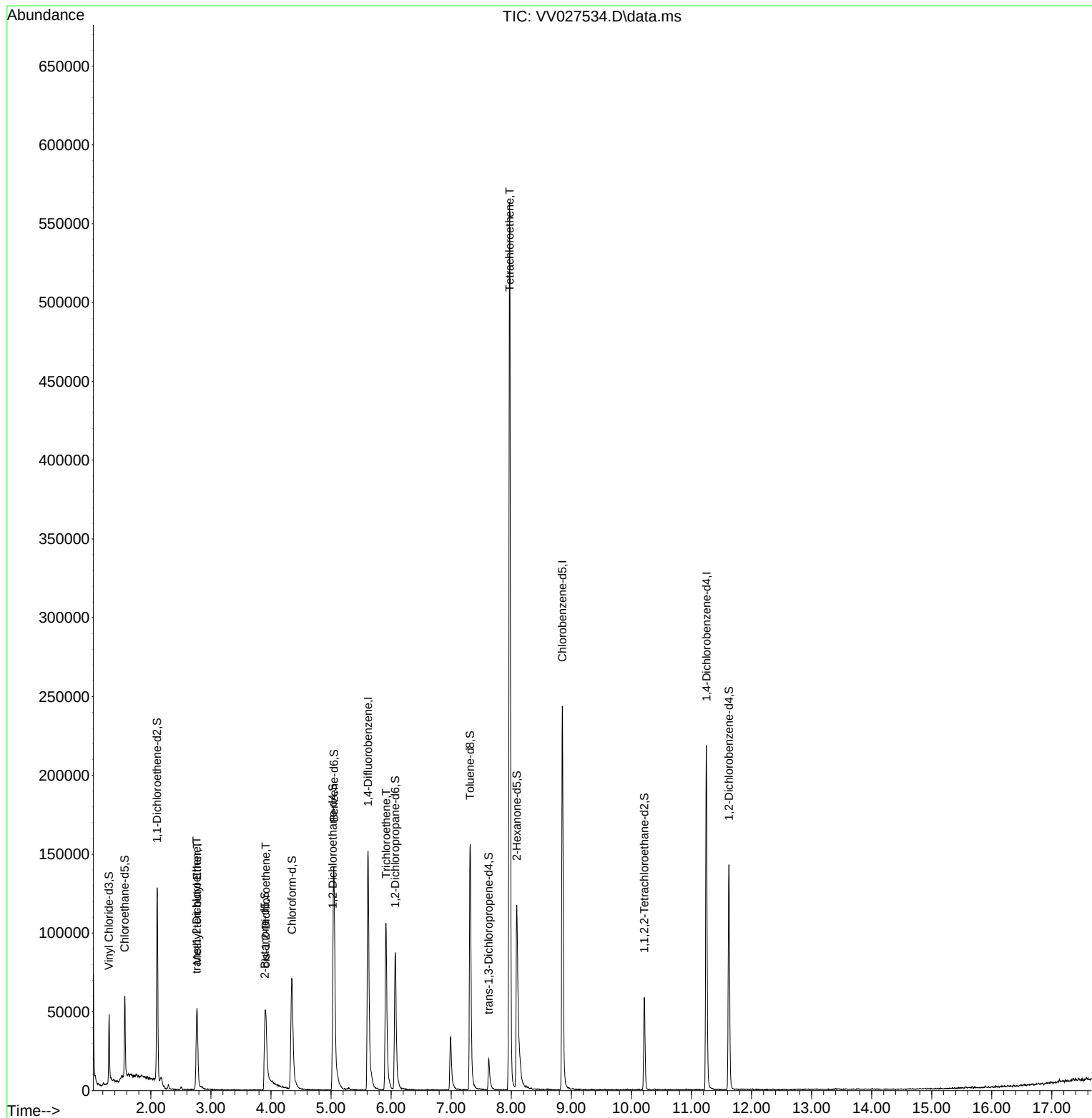
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	139385	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	137312	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	58483	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	32466	3.273	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.400%
7) Chloroethane-d5	1.565	69	33897	4.669	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.400%
11) 1,1-Dichloroethene-d2	2.105	63	64491	2.788	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.800%#
20) 2-Butanone-d5	3.896	46	40195	32.558	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	65.120%
24) Chloroform-d	4.349	84	77956	3.930	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.600%
26) 1,2-Dichloroethane-d4	5.031	65	36071	4.204	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.000%
32) Benzene-d6	5.047	84	135179	3.554	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	71.000%
36) 1,2-Dichloropropane-d6	6.069	67	42465	3.840	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	76.800%
41) Toluene-d8	7.317	98	111474	3.246	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	65.000%#
43) trans-1,3-Dichloroprop...	7.625	79	12239	3.233	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	64.600%
46) 2-Hexanone-d5	8.092	63	49479	39.701	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.400%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	28526	4.051	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	38433	4.433	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.600%
Target Compounds						
					Qvalue	
17) Methyl tert-butyl Ether	2.770	73	44904	2.058	ug/L	95
18) trans-1,2-Dichloroethene	2.761	96	1901	0.175	ug/L	79
22) cis-1,2-Dichloroethene	3.912	96	20071	1.733	ug/L	99
34) Trichloroethene	5.915	95	40277	3.352	ug/L	98
47) Tetrachloroethene	7.973	164	124493	13.301	ug/L	97

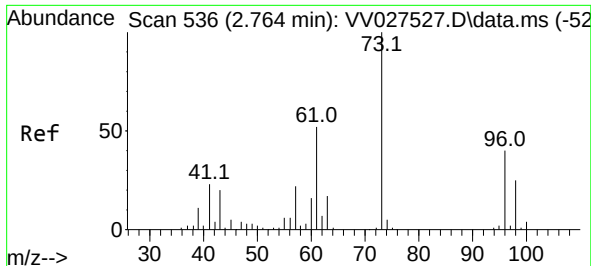
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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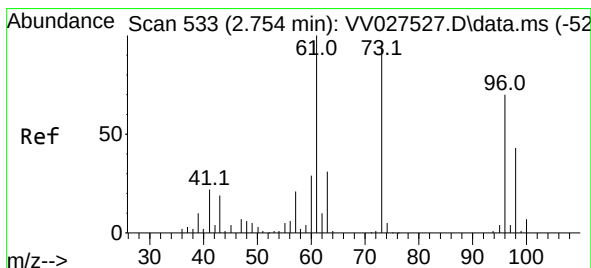
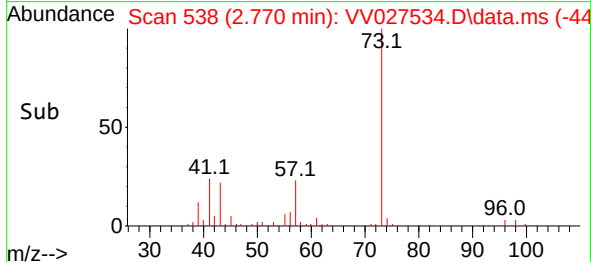
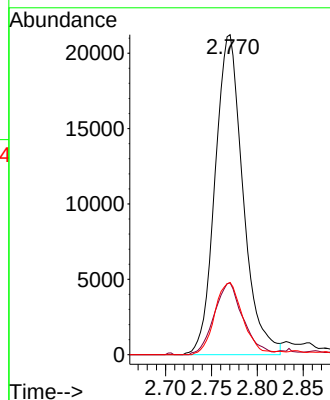
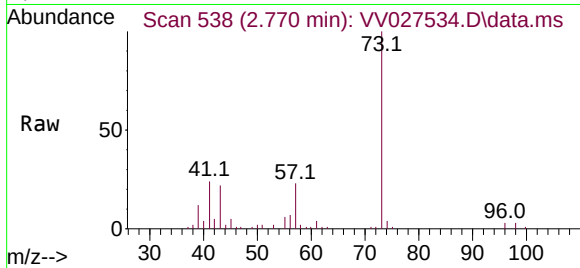




#17
Methyl tert-butyl Ether
Concen: 2.058 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.007 min
Lab File: VV027534.D
Acq: 26 Aug 2022 14:47

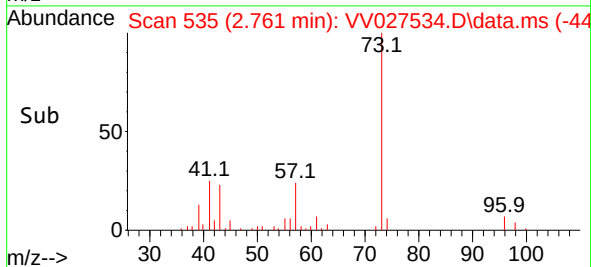
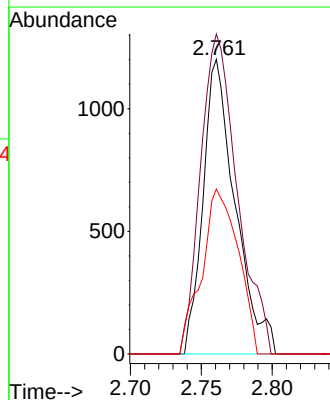
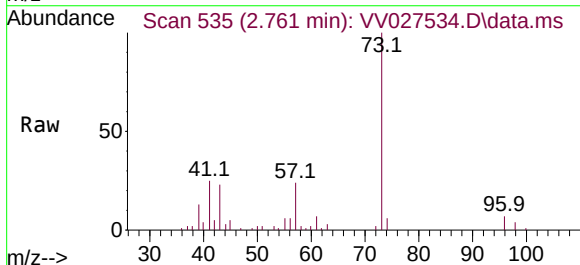
Instrument :
MSVOA_V
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F5E91

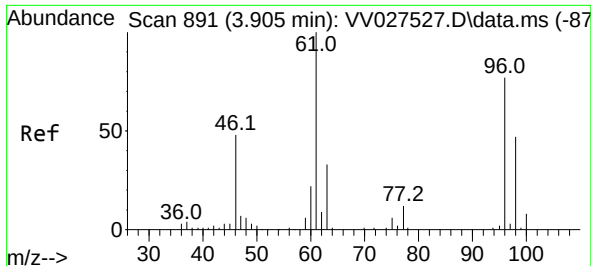
Tgt Ion: 73 Resp: 44904
Ion Ratio Lower Upper
73 100
43 23.2 15.6 23.4
57 22.7 17.0 25.6



#18
trans-1,2-Dichloroethene
Concen: 0.175 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.007 min
Lab File: VV027534.D
Acq: 26 Aug 2022 14:47

Tgt Ion: 96 Resp: 1901
Ion Ratio Lower Upper
96 100
61 108.7 97.6 181.4
98 56.0 45.9 85.3

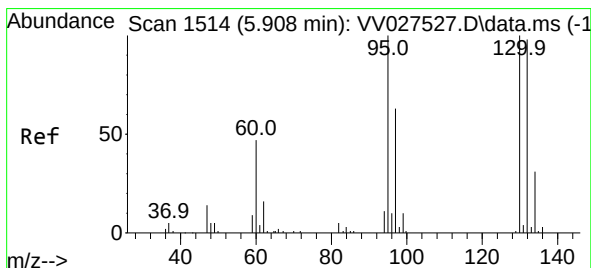
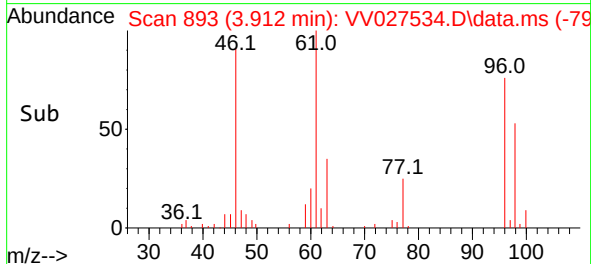
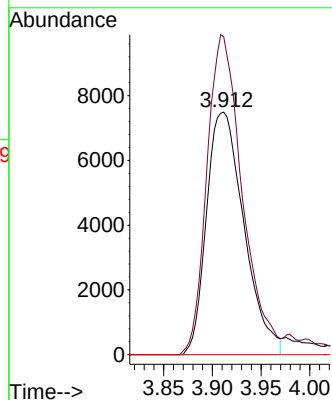
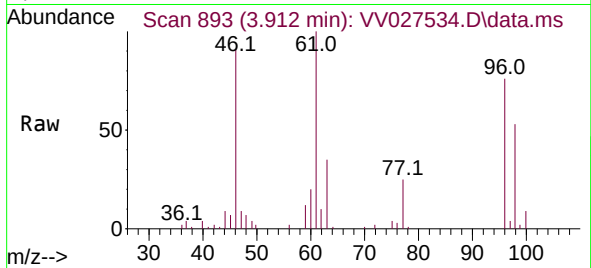




#22
 cis-1,2-Dichloroethene
 Concen: 1.733 ug/L
 RT: 3.912 min Scan# 891
 Delta R.T. 0.007 min
 Lab File: VV027534.D
 Acq: 26 Aug 2022 14:47

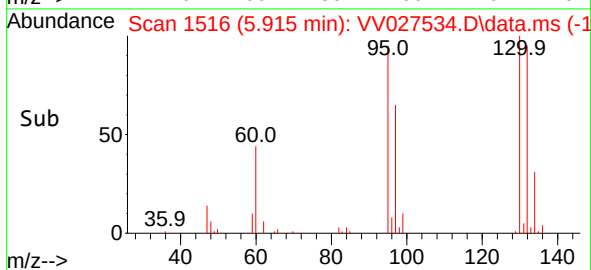
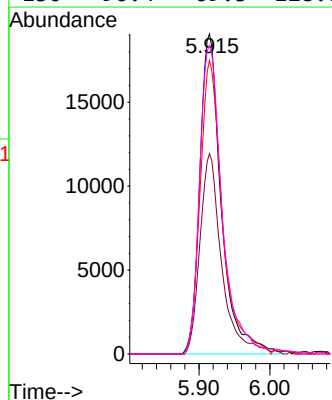
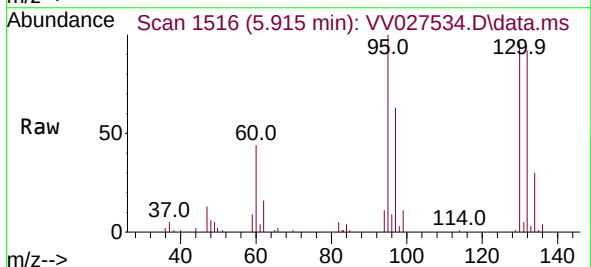
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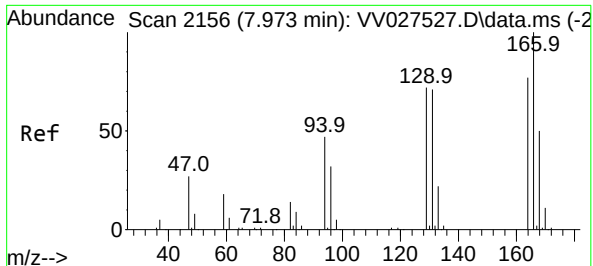
Tgt Ion: 96 Resp: 20071
 Ion Ratio Lower Upper
 96 100
 61 131.1 90.6 168.2
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 3.352 ug/L
 RT: 5.915 min Scan# 1516
 Delta R.T. 0.007 min
 Lab File: VV027534.D
 Acq: 26 Aug 2022 14:47

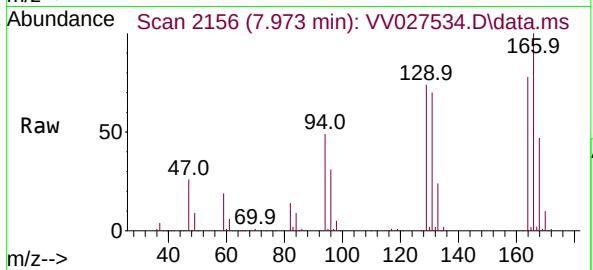
Tgt Ion: 95 Resp: 40277
 Ion Ratio Lower Upper
 95 100
 97 62.6 45.0 83.6
 132 91.7 65.7 121.9
 130 96.4 69.3 128.7





#47
 Tetrachloroethene
 Concen: 13.301 ug/L
 RT: 7.973 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV027534.D
 Acq: 26 Aug 2022 14:47

Instrument :
 MSVOA_V
 ClientSampleId :
 F5E91



Tgt Ion:	164	Resp:	124493
Ion	Ratio	Lower	Upper
164	100		
129	95.0	71.1	132.1
131	89.9	64.5	119.9
166	128.5	89.4	166.0

