

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092922\
 Data File : VV028204.D
 Acq On : 29 Sep 2022 22:31
 Operator : SY/MD
 Sample : N4870-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F5H09

Quant Time: Sep 30 01:50:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 29 01:25:35 2022
 Response via : Initial Calibration

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

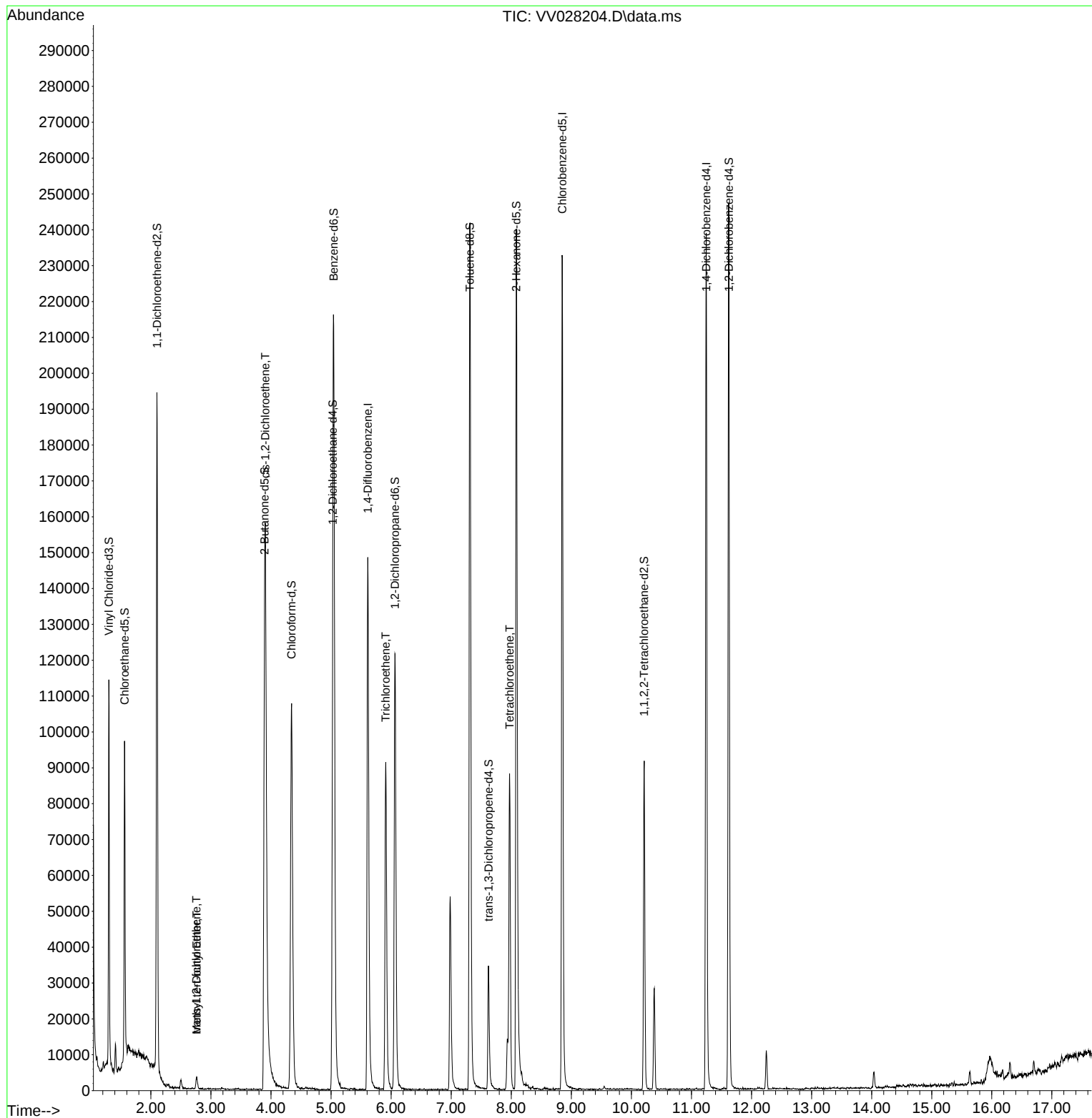
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	141726	5.000	ug/L	# 0.00
28) Chlorobenzene-d5	8.850	117	140729	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	71582	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	68138	4.637	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.800%
7) Chloroethane-d5	1.564	69	57688	4.938	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.800%
11) 1,1-Dichloroethene-d2	2.101	63	96216	3.776	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.600%
20) 2-Butanone-d5	3.892	46	112919	45.521	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.040%
24) Chloroform-d	4.342	84	116281	4.959	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%
26) 1,2-Dichloroethane-d4	5.027	65	48669	4.362	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.200%
32) Benzene-d6	5.043	84	210270	4.557	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
36) 1,2-Dichloropropane-d6	6.063	67	61424	4.270	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.400%
41) Toluene-d8	7.310	98	178949	4.284	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.600%
43) trans-1,3-Dichloroprop...	7.622	79	20958	4.033	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.600%
46) 2-Hexanone-d5	8.085	63	87163	40.190	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.380%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	44388	4.514	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	70827	5.044	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.800%
Target Compounds						
					Qvalue	
17) Methyl tert-butyl Ether	2.764	73	1734	0.082	ug/L	# 83
18) trans-1,2-Dichloroethene	2.757	96	651	0.076	ug/L	# 76
22) cis-1,2-Dichloroethene	3.905	96	67517	6.001	ug/L	96
34) Trichloroethene	5.908	95	32909	3.383	ug/L	93
47) Tetrachloroethene	7.973	164	22981	2.960	ug/L	91

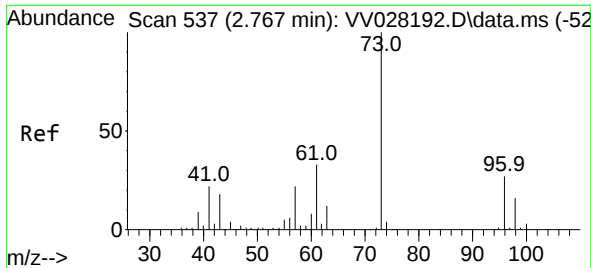
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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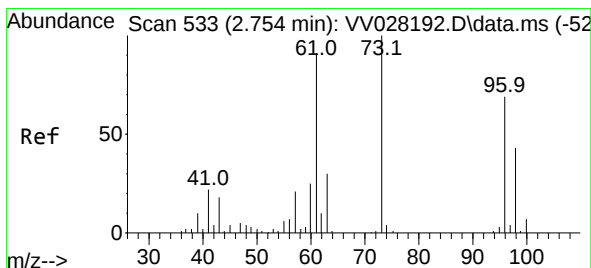
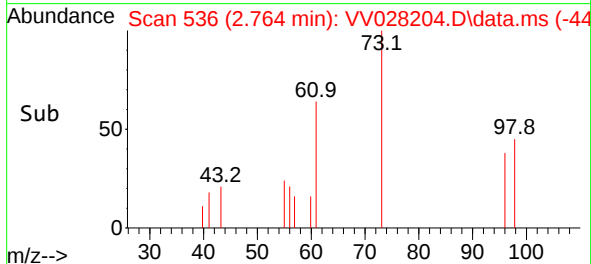
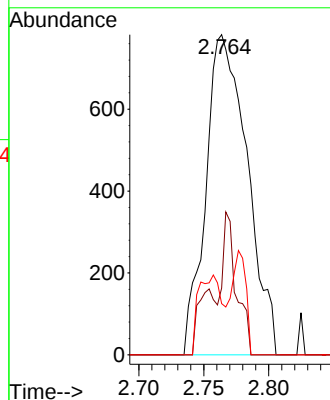
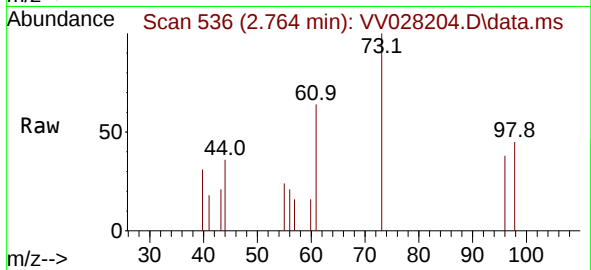




#17
Methyl tert-butyl Ether
Concen: 0.082 ug/L
RT: 2.764 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV028204.D
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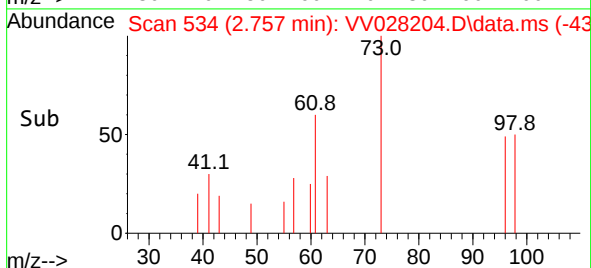
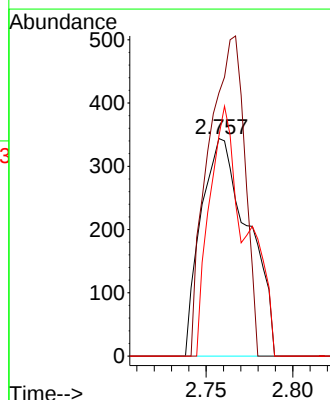
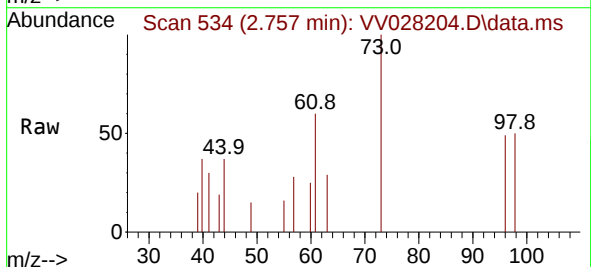
Instrument :
MSVOA_V
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F5H09

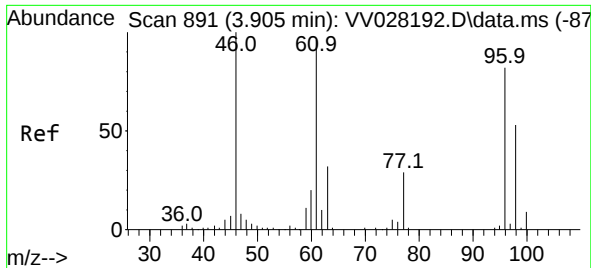
Tgt Ion: 73 Resp: 1734
Ion Ratio Lower Upper
73 100
43 15.1 15.7 23.5#
57 11.0 17.8 26.8#



#18
trans-1,2-Dichloroethene
Concen: 0.076 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.006 min
Lab File: VV028204.D
Acq: 29 Sep 2022 22:31

Tgt Ion: 96 Resp: 651
Ion Ratio Lower Upper
96 100
61 120.9 96.2 178.6
98 101.2 45.7 84.9#

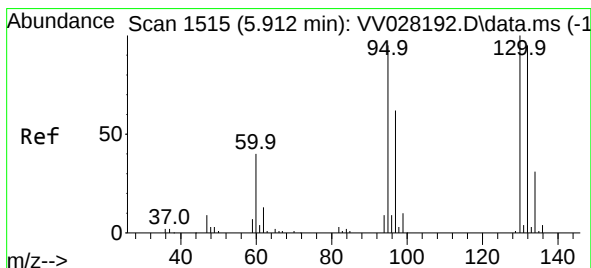
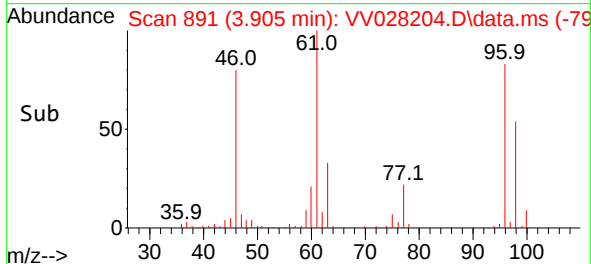
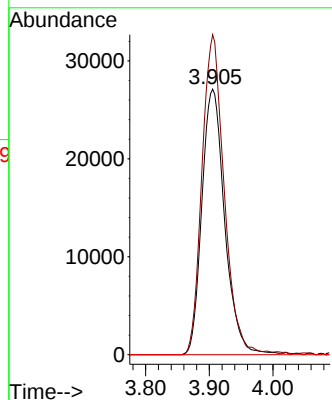
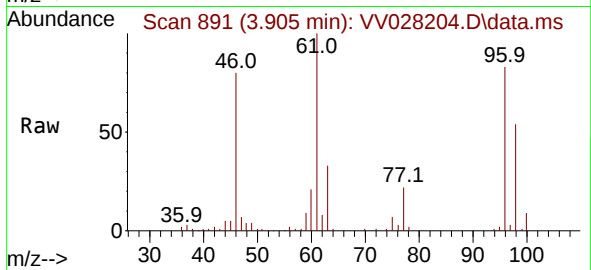




#22
 cis-1,2-Dichloroethene
 Concen: 6.001 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. 0.006 min
 Lab File: VV028204.D
 Acq: 29 Sep 2022 22:31

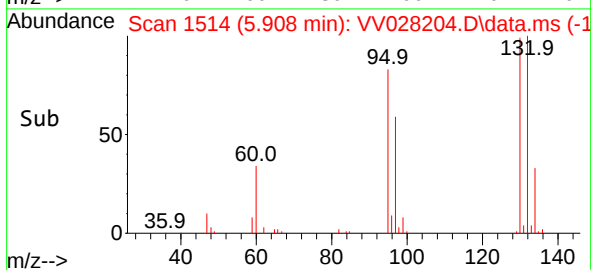
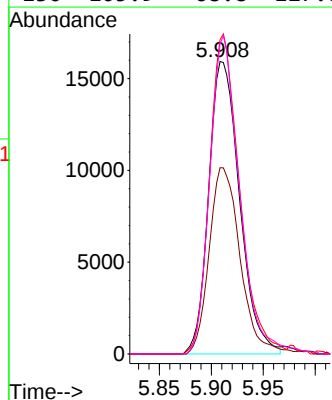
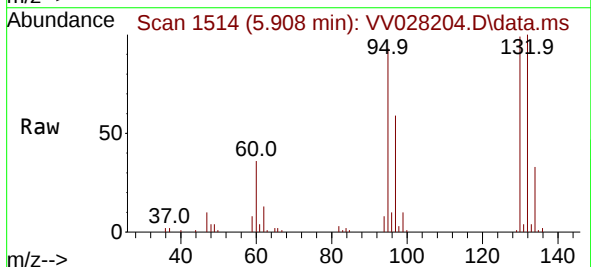
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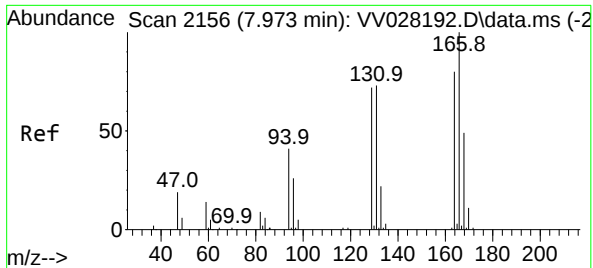
Tgt Ion: 96 Resp: 67517
 Ion Ratio Lower Upper
 96 100
 61 120.5 87.2 161.9
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 3.383 ug/L
 RT: 5.908 min Scan# 1514
 Delta R.T. 0.003 min
 Lab File: VV028204.D
 Acq: 29 Sep 2022 22:31

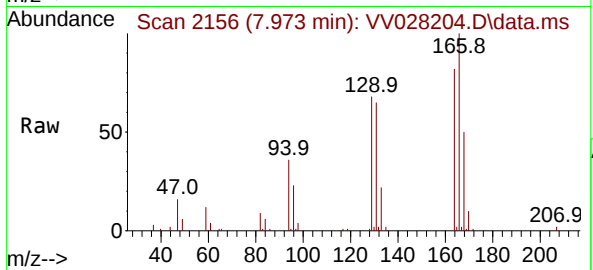
Tgt Ion: 95 Resp: 32909
 Ion Ratio Lower Upper
 95 100
 97 63.7 44.2 82.0
 132 107.5 67.8 126.0
 130 105.9 68.8 127.8





#47
Tetrachloroethene
Concen: 2.960 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. 0.003 min
Lab File: VV028204.D
Acq: 29 Sep 2022 22:31

Instrument :
MSVOA_V
ClientSampleId :
F5H09



Tgt Ion:	164	Resp:	22981
Ion	Ratio	Lower	Upper
164	100		
129	83.0	66.7	123.9
131	79.0	61.7	114.5
166	122.3	90.9	168.9

