

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV022624\
 Data File : VV034427.D
 Acq On : 26 Feb 2024 23:07
 Operator : SY/MD
 Sample : P1535-15
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AD0

Quant Time: Feb 27 05:10:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 27 05:05:59 2024
 Response via : Initial Calibration

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

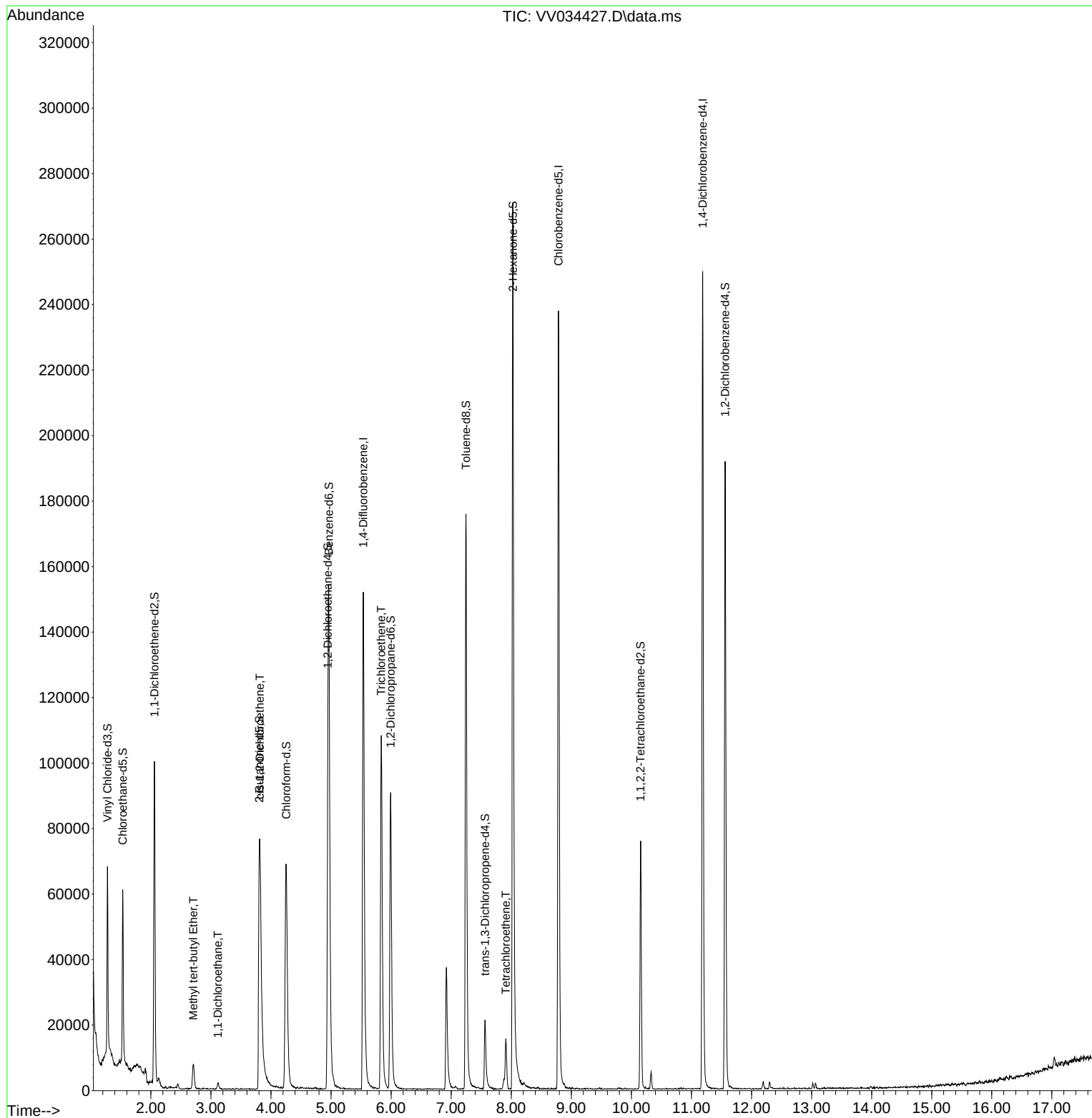
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	132468	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	127283	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	64404	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	34884	4.536	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.800%
7) Chloroethane-d5	1.532	69	32275	4.752	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.000%
11) 1,1-Dichloroethene-d2	2.060	65	16035	4.480	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.600%
20) 2-Butanone-d5	3.806	46	109585	54.506	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.020%
24) Chloroform-d	4.252	84	75210	4.871	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
26) 1,2-Dichloroethane-d4	4.947	65	40634	5.172	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.400%
32) Benzene-d6	4.963	84	136763	4.776	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
36) 1,2-Dichloropropane-d6	5.992	67	43730	5.115	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.200%
41) Toluene-d8	7.246	98	117804	4.588	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.800%
43) trans-1,3-Dichloroprop...	7.564	79	15054	4.726	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.600%
46) 2-Hexanone-d5	8.027	63	95797	53.192	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.380%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	35300	5.216	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.400%
66) 1,2-Dichlorobenzene-d4	11.561	152	49532	5.062	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.200%
Target Compounds						
17) Methyl tert-butyl Ether	2.706	73	8090	0.375	ug/L	99
19) 1,1-Dichloroethane	3.117	63	2522	0.155	ug/L	86
22) cis-1,2-Dichloroethene	3.815	96	16809	1.812	ug/L	90
34) Trichloroethene	5.834	95	38883	4.227	ug/L	98
47) Tetrachloroethene	7.908	164	3463	0.480	ug/L	93

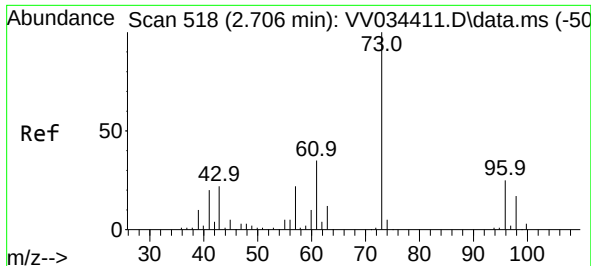
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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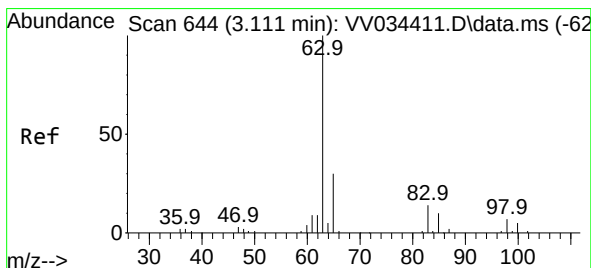
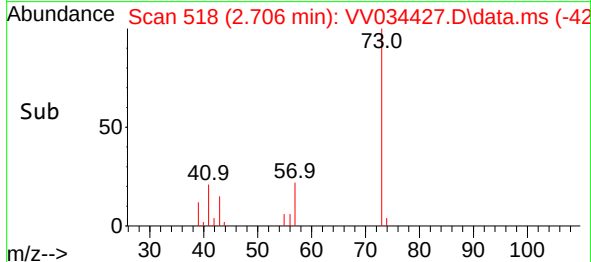
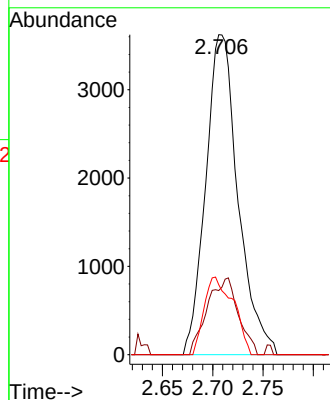
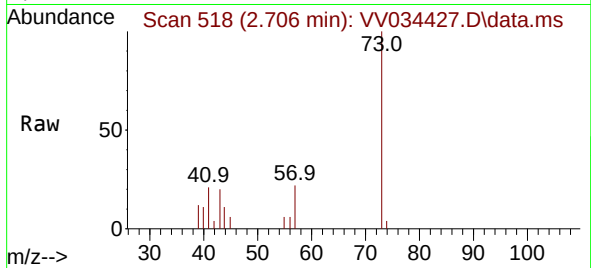




#17
Methyl tert-butyl Ether
Concen: 0.375 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.000 min
Lab File: VV034427.D
Acq: 26 Feb 2024 23:07

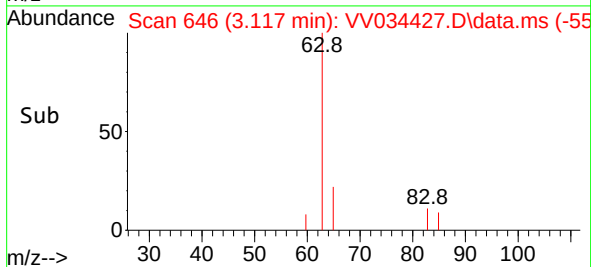
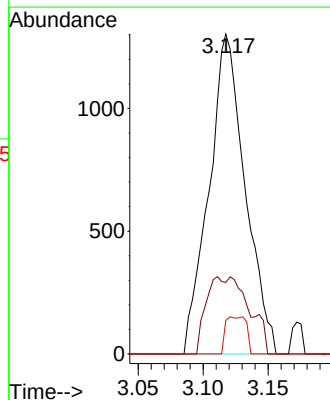
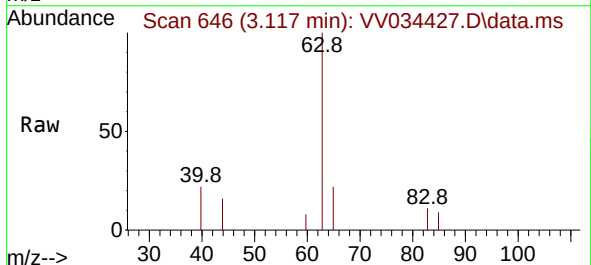
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MSVOA_V
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C0AD0

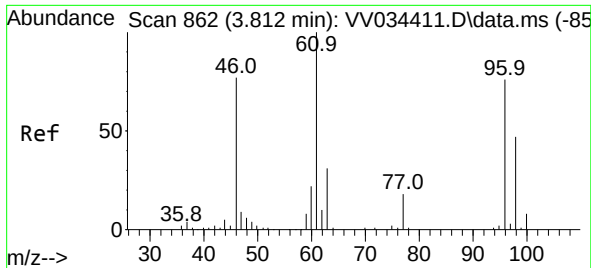
Tgt Ion: 73	Resp: 8090		
Ion Ratio	Lower	Upper	
73 100			
43 23.1	18.0	27.0	
57 22.0	17.0	25.6	



#19
1,1-Dichloroethane
Concen: 0.155 ug/L
RT: 3.117 min Scan# 646
Delta R.T. 0.007 min
Lab File: VV034427.D
Acq: 26 Feb 2024 23:07

Tgt Ion: 63	Resp: 2522		
Ion Ratio	Lower	Upper	
63 100			
65 22.3	22.0	41.0	
83 10.5	10.1	18.9	

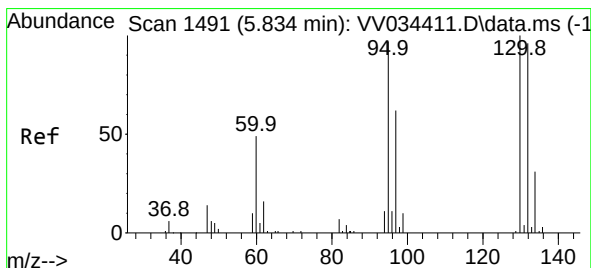
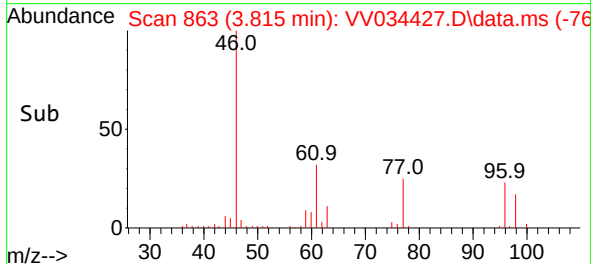
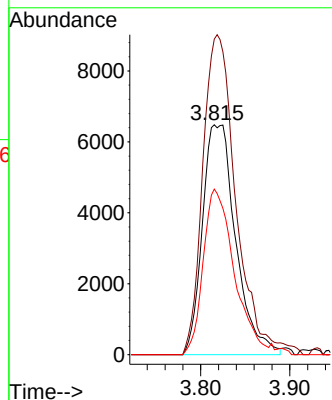
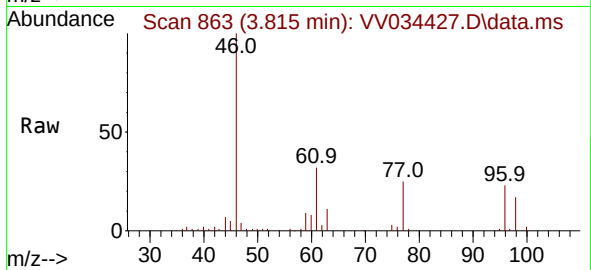




#22
cis-1,2-Dichloroethene
Concen: 1.812 ug/L
RT: 3.815 min Scan# 863
Delta R.T. 0.003 min
Lab File: VV034427.D
Acq: 26 Feb 2024 23:07

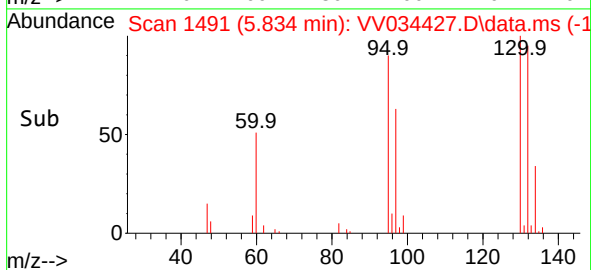
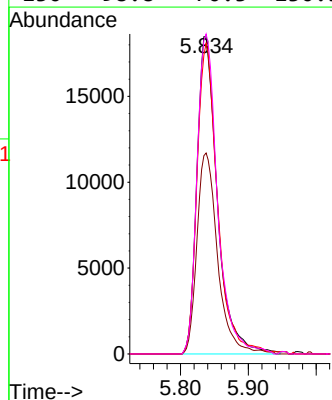
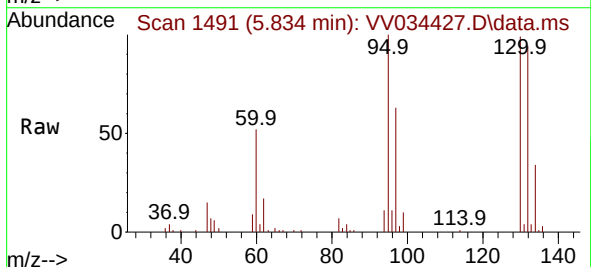
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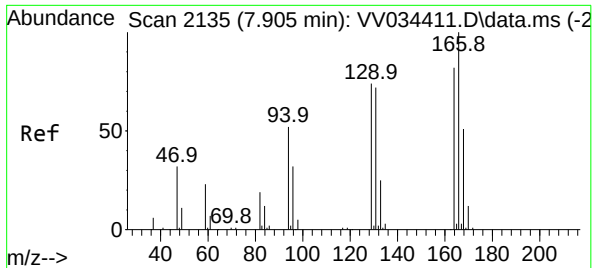
Tgt Ion: 96 Resp: 16809
Ion Ratio Lower Upper
96 100
61 137.2 89.7 166.5
98 72.0 42.0 78.0



#34
Trichloroethene
Concen: 4.227 ug/L
RT: 5.834 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VV034427.D
Acq: 26 Feb 2024 23:07

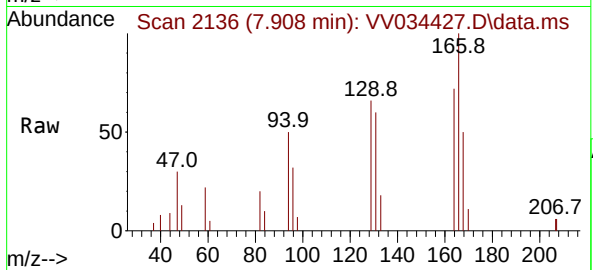
Tgt Ion: 95 Resp: 38883
Ion Ratio Lower Upper
95 100
97 62.5 43.3 80.5
132 94.2 67.8 126.0
130 98.8 70.3 130.5





#47
 Tetrachloroethene
 Concen: 0.480 ug/L
 RT: 7.908 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV034427.D
 Acq: 26 Feb 2024 23:07

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AD0



Tgt Ion:	164	Resp:	3463
Ion	Ratio	Lower	Upper
164	100		
129	91.7	64.2	119.2
131	83.7	65.9	122.3
166	138.4	89.9	166.9

