

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV012025\
 Data File : VV038468.D
 Acq On : 20 Jan 2025 16:50
 Operator : SY/MD
 Sample : Q1125-07
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0B04

Quant Time: Jan 21 00:54:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011725WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jan 21 00:50:24 2025
 Response via : Initial Calibration

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

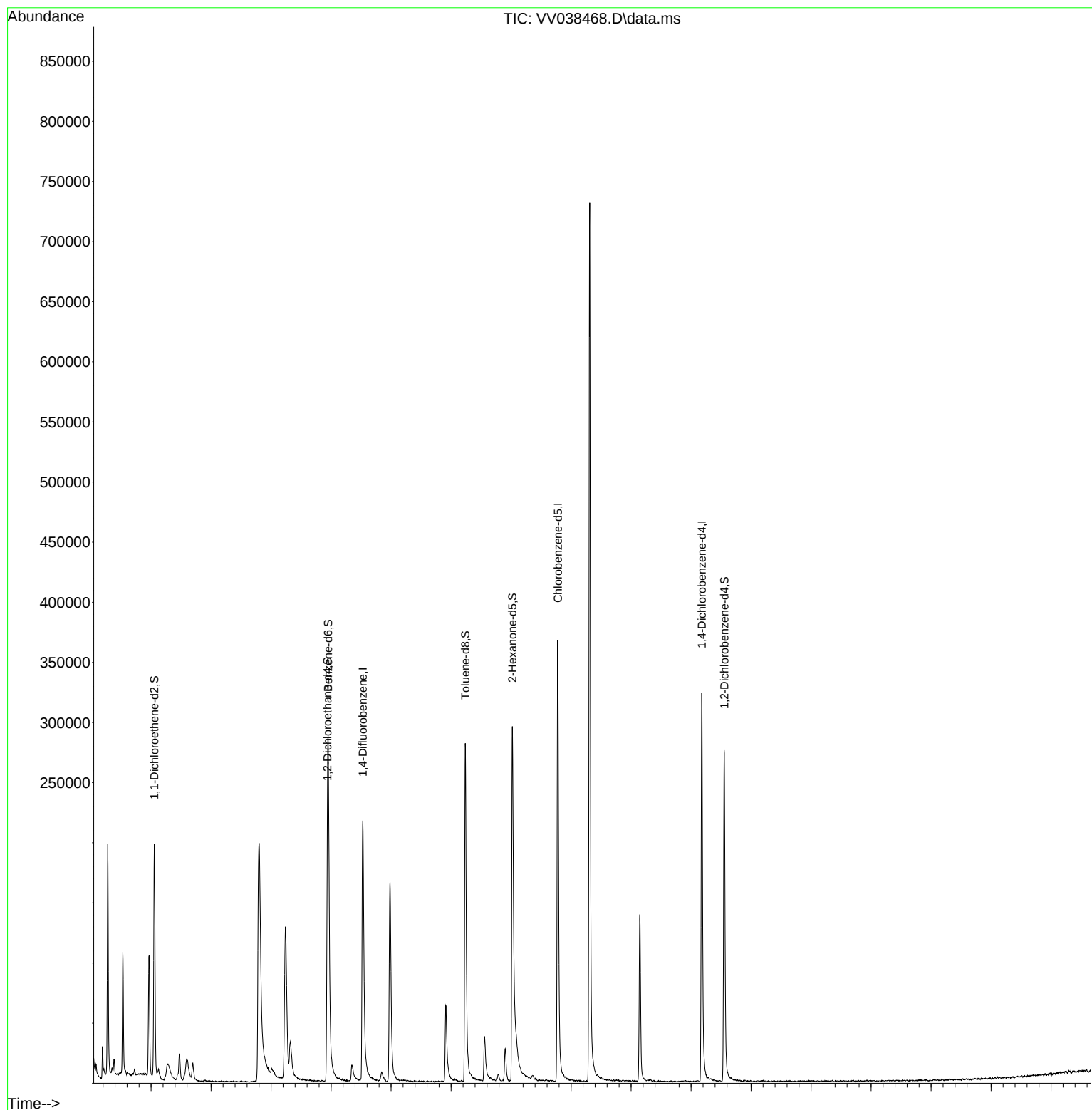
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	205250	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	215742	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	89685	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	74232	4.386	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.800%
7) Chloroethane-d5	1.529	69	64671	4.550	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.000%
11) 1,1-Dichloroethene-d2	2.053	65	32831	4.304	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.000%
20) 2-Butanone-d5	3.789	46	176121	49.473	ug/L	-0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.940%
24) Chloroform-d	4.243	84	147175	4.639	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
26) 1,2-Dichloroethane-d4	4.937	65	67967	4.675	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
32) Benzene-d6	4.950	84	268687	4.522	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
36) 1,2-Dichloropropane-d6	5.982	67	86810	4.806	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.200%
41) Toluene-d8	7.236	98	205771	3.855	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.200%
43) trans-1,3-Dichloroprop...	7.558	79	26857	4.065	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.400%
46) 2-Hexanone-d5	8.021	63	114774	44.034	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.060%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	73703	5.147	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.000%
66) 1,2-Dichlorobenzene-d4	11.554	152	76174	5.018	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.400%
Target Compounds						
5) Vinyl chloride	1.281	62	57668	2.426	ug/L	100
18) trans-1,2-Dichloroethene	2.693	96	6059	0.346	ug/L	96
22) cis-1,2-Dichloroethene	3.809	96	37553	2.111	ug/L	95
47) Tetrachloroethene	7.902	164	6393	0.464	ug/L	97

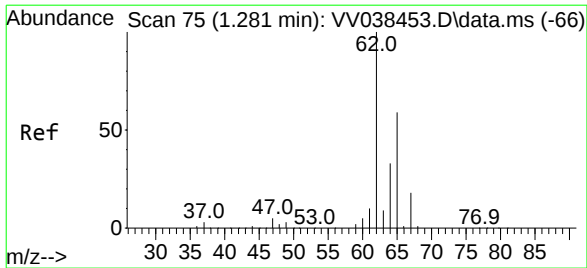
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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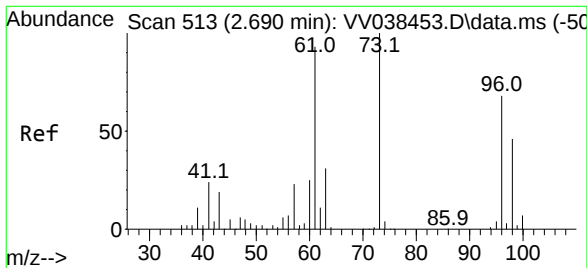
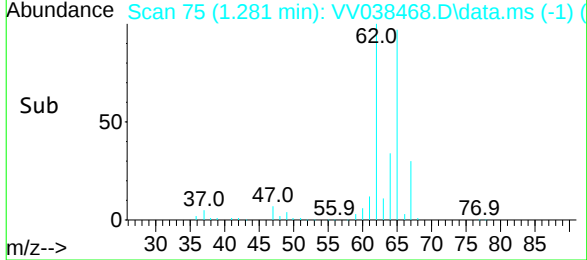
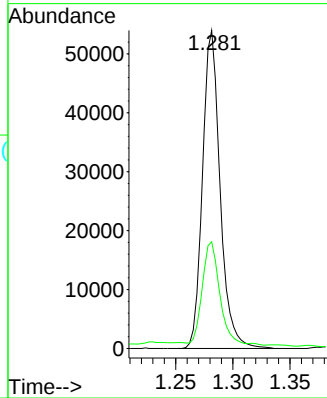
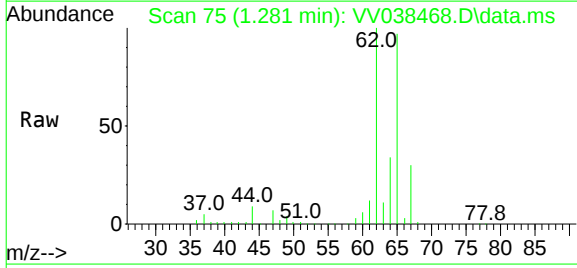




#5
 Vinyl chloride
 Concen: 2.426 ug/L
 RT: 1.281 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VV038468.D
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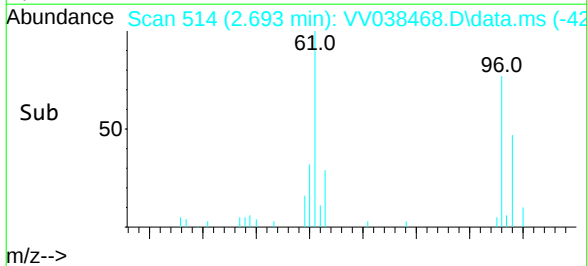
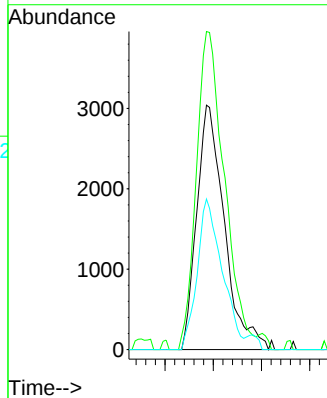
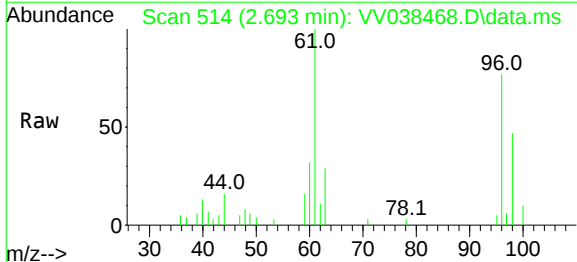
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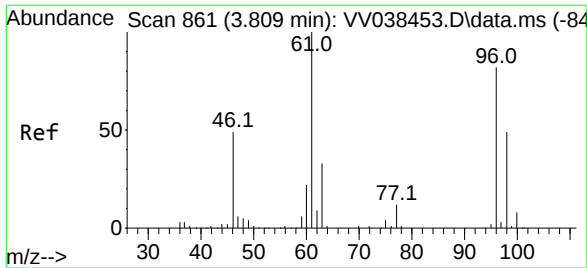
Tgt Ion: 62 Resp: 57668
 Ion Ratio Lower Upper
 62 100
 64 33.5 23.5 43.7



#18
 trans-1,2-Dichloroethene
 Concen: 0.346 ug/L
 RT: 2.693 min Scan# 514
 Delta R.T. 0.003 min
 Lab File: VV038468.D
 Acq: 20 Jan 2025 16:50

Tgt Ion: 96 Resp: 6059
 Ion Ratio Lower Upper
 96 100
 61 130.1 94.8 176.2
 98 61.6 44.2 82.2

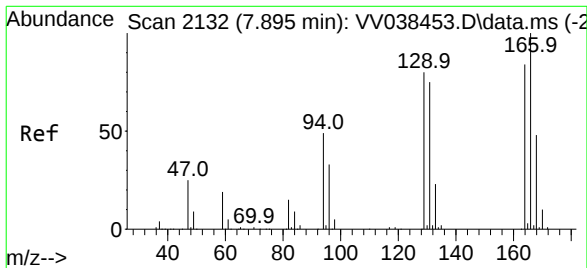
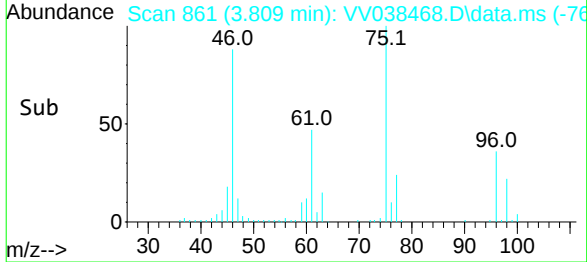
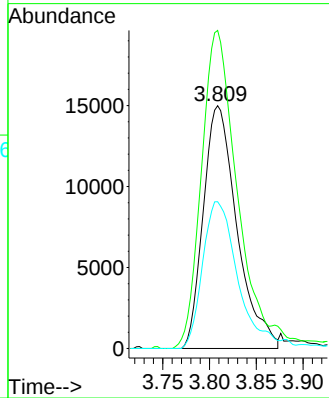
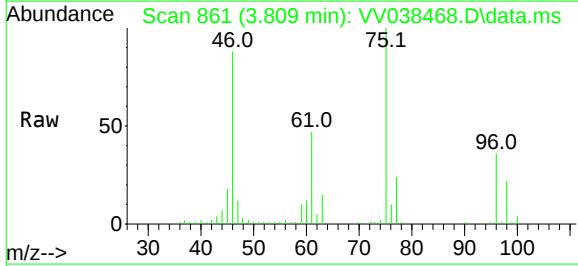




#22
 cis-1,2-Dichloroethene
 Concen: 2.111 ug/L
 RT: 3.809 min Scan# 861
 Delta R.T. 0.000 min
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Tgt Ion:	96	Resp:	37553
Ion	Ratio	Lower	Upper
96	100		
61	131.0	86.5	160.7
98	60.4	43.8	81.3



#47
 Tetrachloroethene
 Concen: 0.464 ug/L
 RT: 7.902 min Scan# 2134
 Delta R.T. 0.006 min
 Lab File: VV038468.D
 Acq: 20 Jan 2025 16:50

Tgt Ion:	164	Resp:	6393
Ion	Ratio	Lower	Upper
164	100		
129	102.3	68.9	127.9
131	97.3	65.2	121.2
166	121.3	86.7	160.9

