

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV012025\
 Data File : VV038469.D
 Acq On : 20 Jan 2025 17:14
 Operator : SY/MD
 Sample : Q1125-08
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0B06

Quant Time: Jan 21 00:54:45 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)

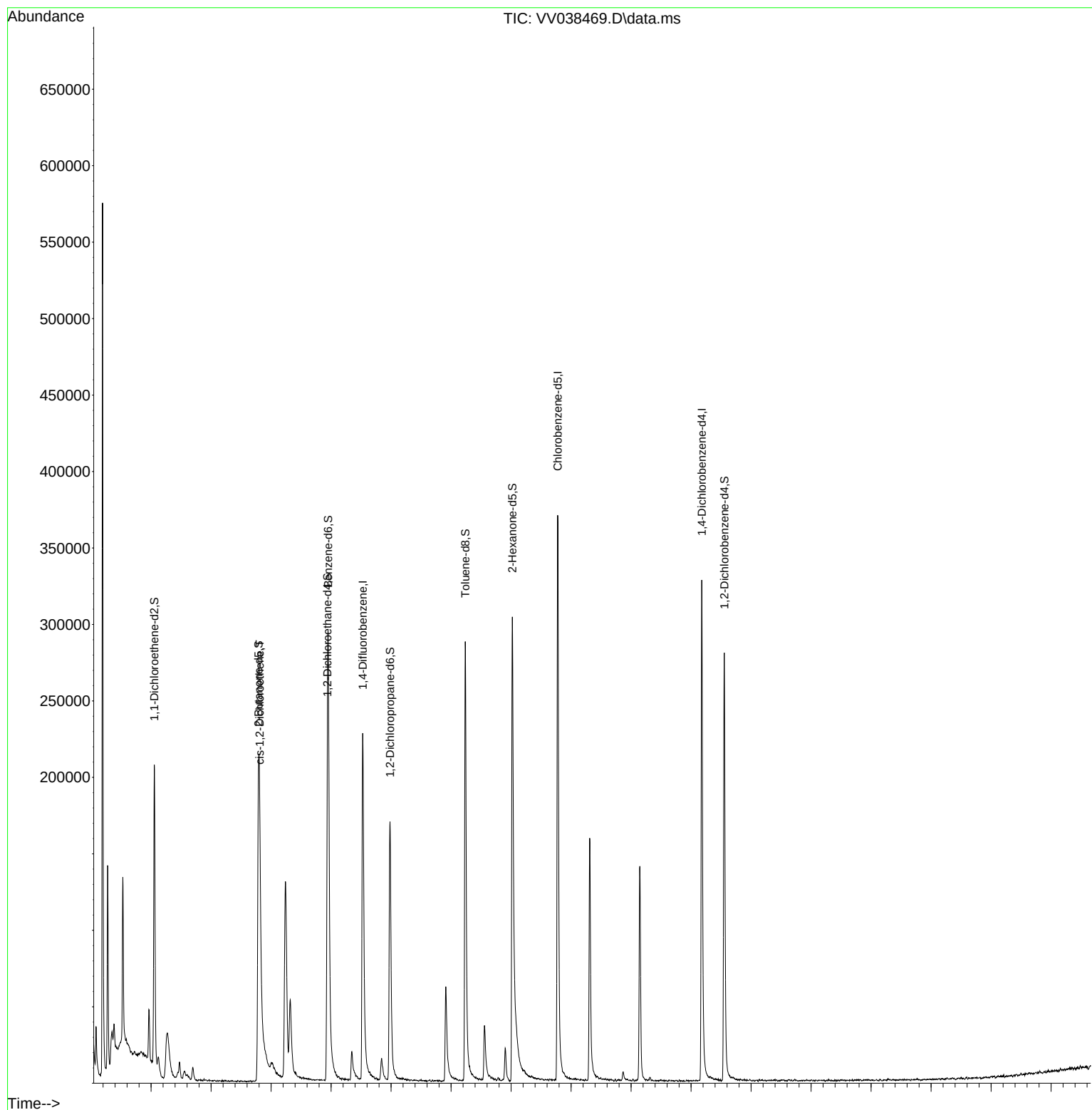
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	214888	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	216239	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	89763	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	75412	4.255	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.200%
7) Chloroethane-d5	1.529	69	67487	4.535	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.800%
11) 1,1-Dichloroethene-d2	2.053	65	34302	4.295	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.000%
20) 2-Butanone-d5	3.790	46	183971	49.360	ug/L	-0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.720%
24) Chloroform-d	4.240	84	147594	4.444	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.800%
26) 1,2-Dichloroethane-d4	4.937	65	72617	4.771	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.400%
32) Benzene-d6	4.950	84	278885	4.683	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
36) 1,2-Dichloropropane-d6	5.982	67	90696	5.010	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.200%
41) Toluene-d8	7.236	98	211535	3.954	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.000%
43) trans-1,3-Dichloroprop...	7.555	79	24915	3.763	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.200%
46) 2-Hexanone-d5	8.021	63	111884	42.826	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.660%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	74374	5.182	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.600%
66) 1,2-Dichlorobenzene-d4	11.554	152	75711	4.983	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.600%
Target Compounds						
5) Vinyl chloride	1.282	62	16180	0.650	ug/L	84
18) trans-1,2-Dichloroethene	2.696	96	3002	0.164	ug/L	86
22) cis-1,2-Dichloroethene	3.812	96	29786	1.599	ug/L	91
34) Trichloroethene	5.844	95	5559	0.312	ug/L	86
47) Tetrachloroethene	7.905	164	4930	0.357	ug/L	89

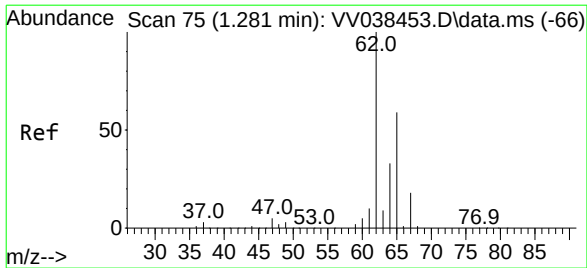
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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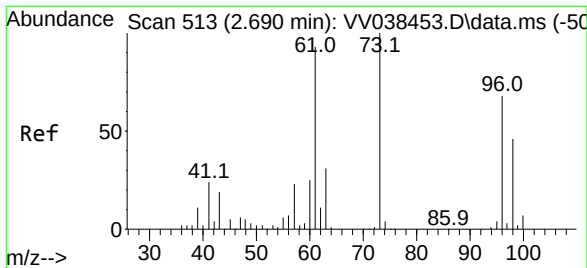
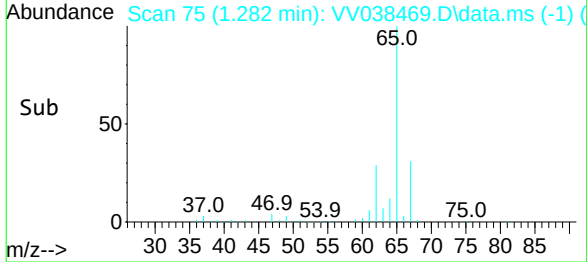
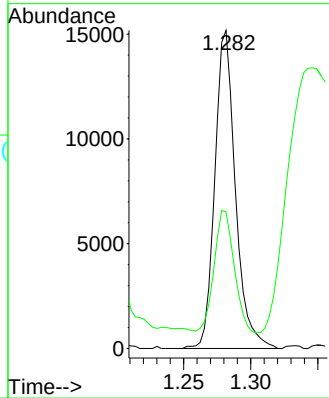
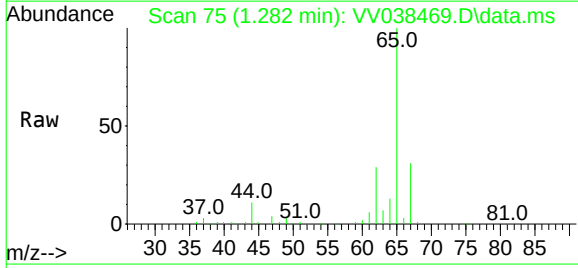




#5
 Vinyl chloride
 Concen: 0.650 ug/L
 RT: 1.282 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VV038469.D
 Acq: 20 Jan 2025 17:14

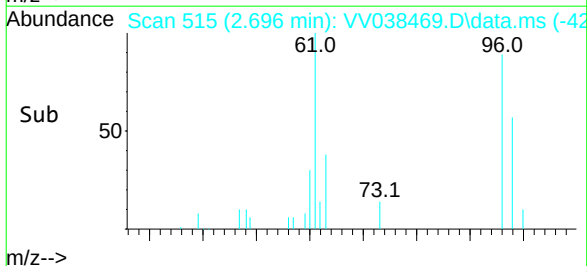
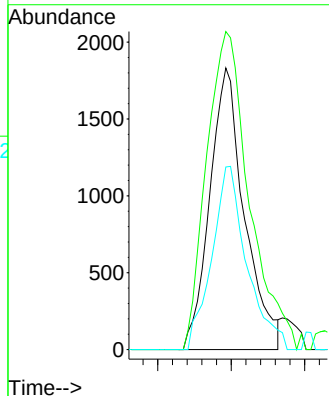
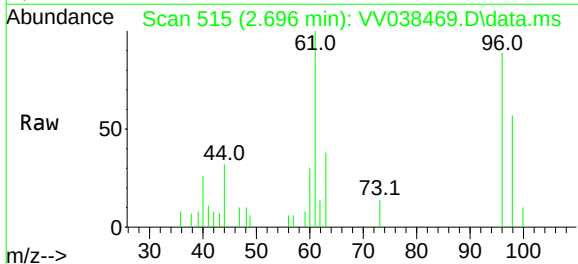
Instrument :
 MSVOA_V
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 C0B06

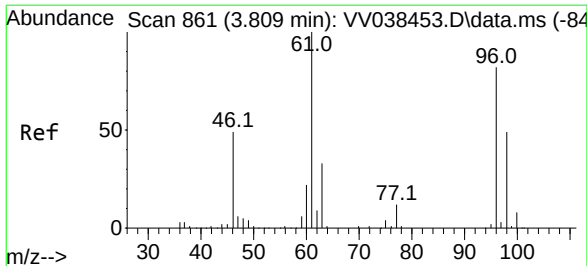
Tgt Ion: 62 Resp: 16180
 Ion Ratio Lower Upper
 62 100
 64 43.0 23.5 43.7



#18
 trans-1,2-Dichloroethene
 Concen: 0.164 ug/L
 RT: 2.696 min Scan# 515
 Delta R.T. 0.007 min
 Lab File: VV038469.D
 Acq: 20 Jan 2025 17:14

Tgt Ion: 96 Resp: 3002
 Ion Ratio Lower Upper
 96 100
 61 112.9 94.8 176.2
 98 64.8 44.2 82.2

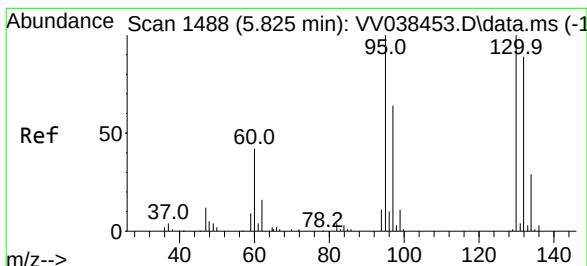
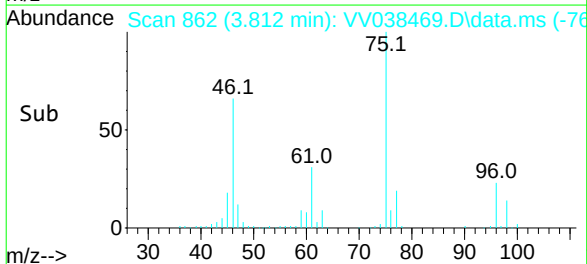
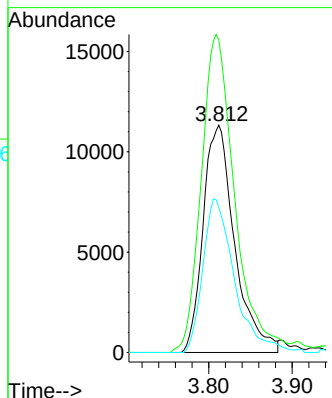
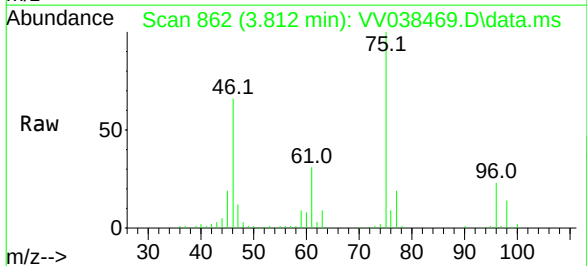




#22
 cis-1,2-Dichloroethene
 Concen: 1.599 ug/L
 RT: 3.812 min Scan# 861
 Delta R.T. 0.003 min
 Lab File: VV038469.D
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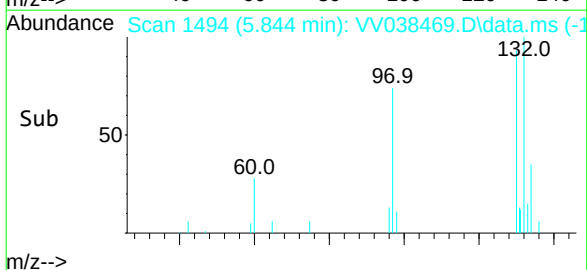
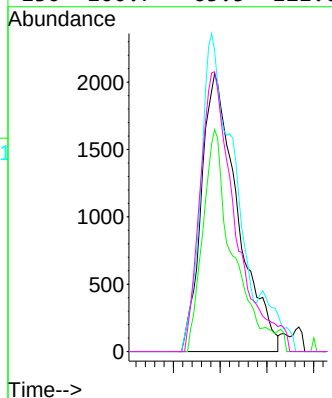
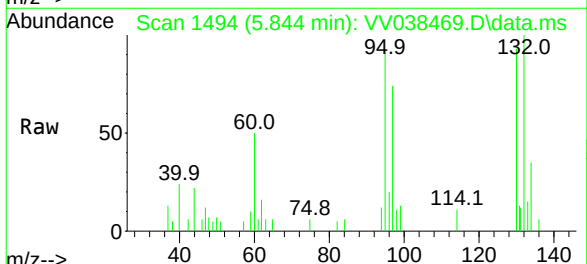
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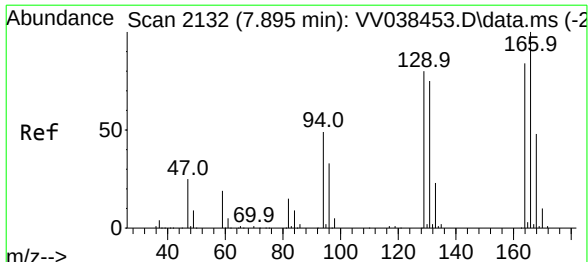
Tgt Ion:	96	Resp:	29786
Ion	Ratio	Lower	Upper
96	100		
61	137.4	86.5	160.7
98	63.8	43.8	81.3



#34
 Trichloroethene
 Concen: 0.312 ug/L
 RT: 5.844 min Scan# 1494
 Delta R.T. 0.019 min
 Lab File: VV038469.D
 Acq: 20 Jan 2025 17:14

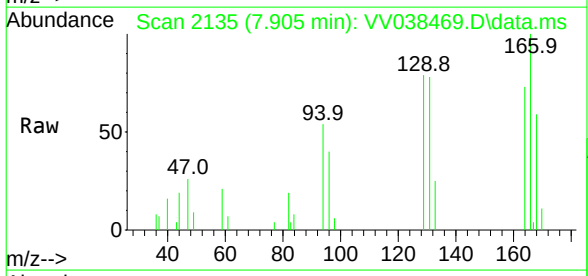
Tgt Ion:	95	Resp:	5559
Ion	Ratio	Lower	Upper
95	100		
97	79.9	43.4	80.6
132	108.3	65.5	121.6
130	100.7	65.5	121.6





#47
 Tetrachloroethene
 Concen: 0.357 ug/L
 RT: 7.905 min Scan# 21
 Delta R.T. 0.010 min
 Lab File: VV038469.D
 Acq: 20 Jan 2025 17:14

Instrument :
 MSVOA_V
 ClientSampleId :
 C0B06



Tgt Ion:	164	Resp:	4930
Ion	Ratio	Lower	Upper
164	100		
129	107.9	68.9	127.9
131	106.3	65.2	121.2
166	136.4	86.7	160.9

