

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112024\
 Data File : VV038212.D
 Acq On : 20 Nov 2024 13:56
 Operator : SY/MD
 Sample : P4882-16DL 10X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3J3DL

Quant Time: Nov 21 01:48:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 21 01:41:56 2024
 Response via : Initial Calibration

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

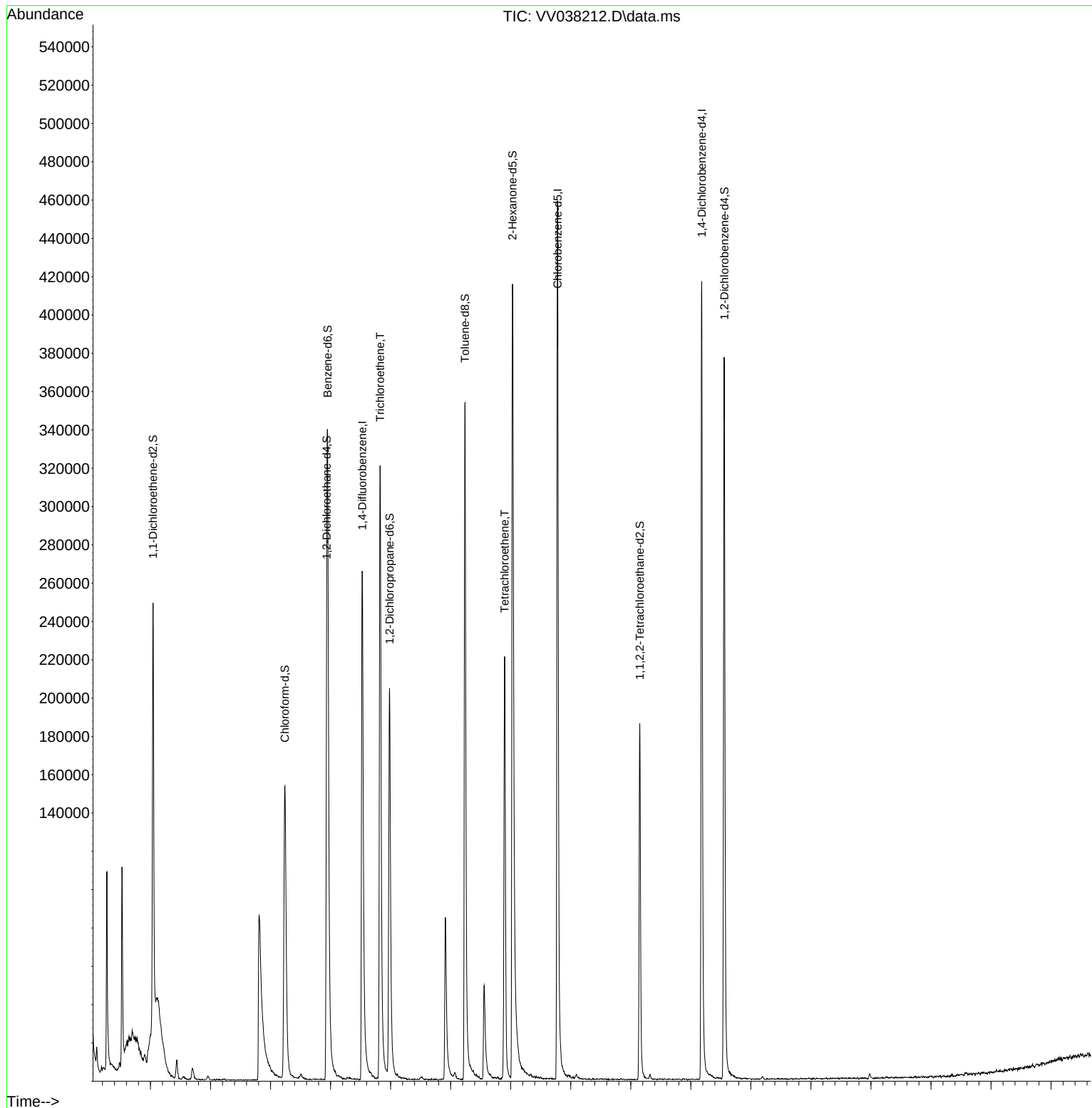
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	260008	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	276826	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	118521	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	75471	3.787	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.800%
7) Chloroethane-d5	1.526	69	67751	4.203	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.000%
11) 1,1-Dichloroethene-d2	2.044	65	35185	4.103	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.000%
20) 2-Butanone-d5	3.809	46	218201	54.732	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.460%
24) Chloroform-d	4.240	84	180736	4.673	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
26) 1,2-Dichloroethane-d4	4.934	65	91710	5.285	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.600%
32) Benzene-d6	4.950	84	321038	4.487	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
36) 1,2-Dichloropropane-d6	5.982	67	108300	4.919	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.400%
41) Toluene-d8	7.236	98	264890	4.001	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.000%
43) trans-1,3-Dichloroprop...	7.558	79	37947	4.636	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.800%
46) 2-Hexanone-d5	8.030	63	182594	57.387	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.780%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	95359	5.102	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.000%
66) 1,2-Dichlorobenzene-d4	11.558	152	108862	5.391	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.800%
Target Compounds						
16) Methylene chloride	2.436	84	4505	0.213	ug/L	96
17) Methyl tert-butyl Ether	2.709	73	5870	0.140	ug/L #	95
22) cis-1,2-Dichloroethene	3.809	96	4072	0.201	ug/L	96
34) Trichloroethene	5.825	95	123334	5.818	ug/L	98
47) Tetrachloroethene	7.899	164	51775	3.040	ug/L	96

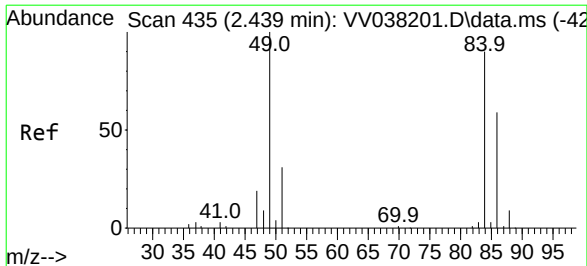
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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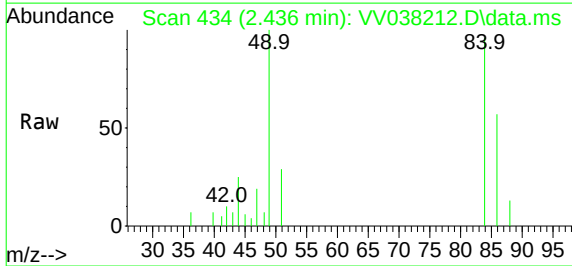
Quant Time: Nov 21 01:48:44 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
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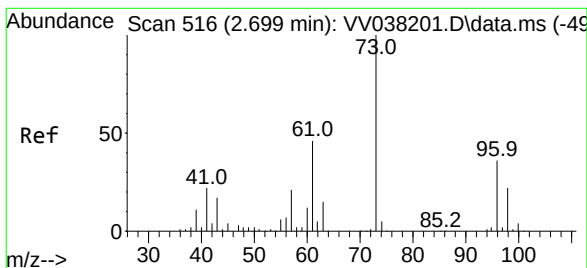
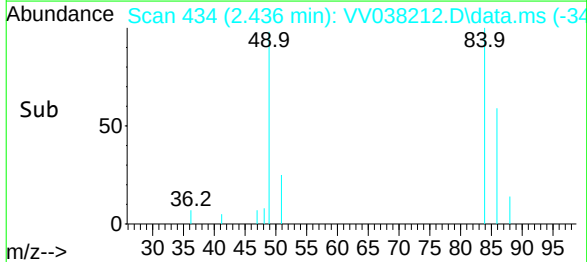
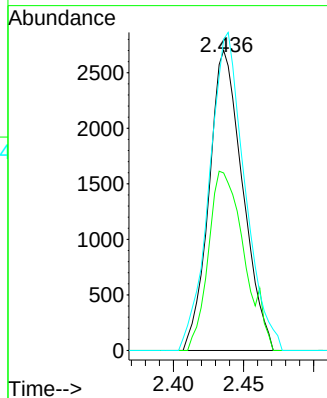


#16
Methylene chloride
Concen: 0.213 ug/L
RT: 2.436 min Scan# 43
Delta R.T. -0.003 min
Lab File: VV038212.D
Acq: 20 Nov 2024 13:56

Instrument :
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ClientSampleId :
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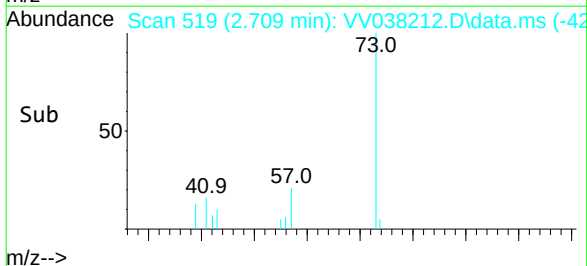
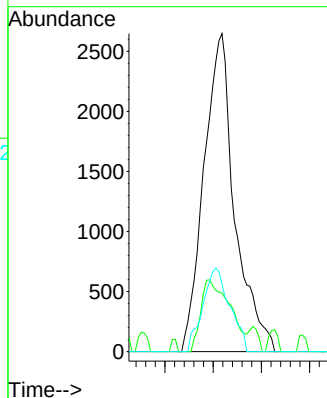
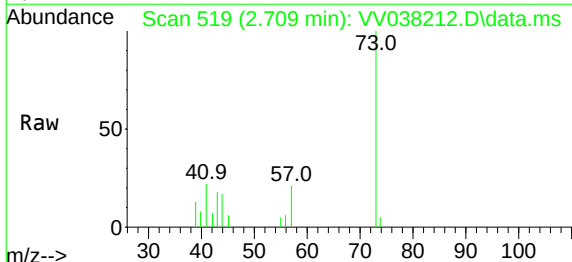


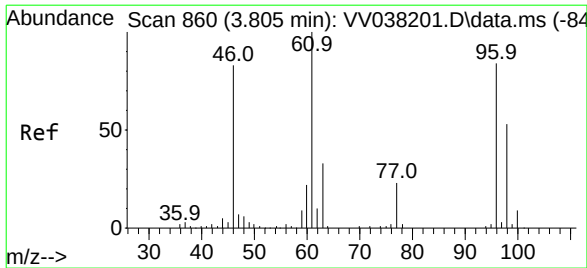
Tgt Ion: 84 Resp: 4505
Ion Ratio Lower Upper
84 100
86 59.1 44.2 82.2
49 103.7 74.9 139.1



#17
Methyl tert-butyl Ether
Concen: 0.140 ug/L
RT: 2.709 min Scan# 519
Delta R.T. 0.010 min
Lab File: VV038212.D
Acq: 20 Nov 2024 13:56

Tgt Ion: 73 Resp: 5870
Ion Ratio Lower Upper
73 100
43 21.6 14.2 21.2#
57 23.0 17.6 26.4

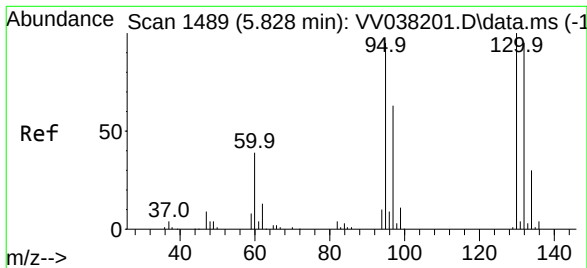
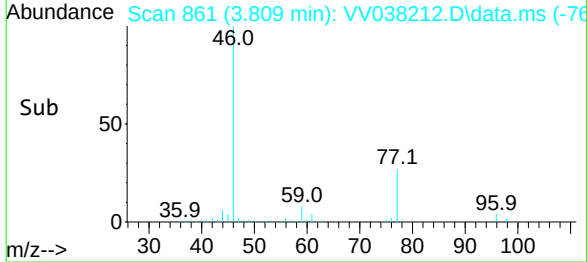
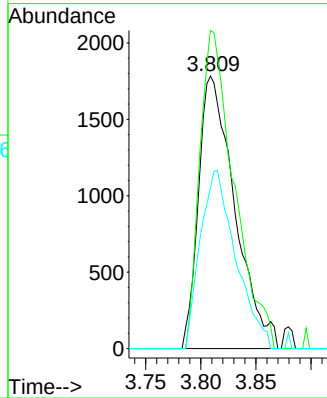
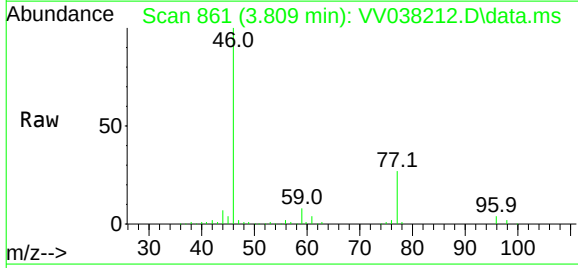




#22
 cis-1,2-Dichloroethene
 Concen: 0.201 ug/L
 RT: 3.809 min Scan# 860
 Delta R.T. 0.003 min
 Lab File: VV038212.D
 Acq: 20 Nov 2024 13:56

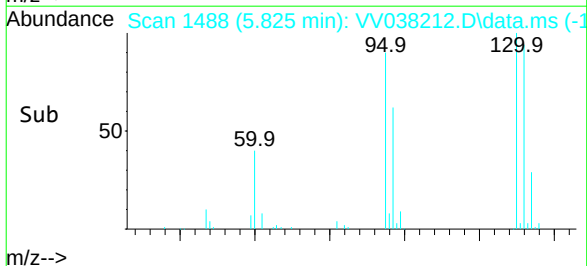
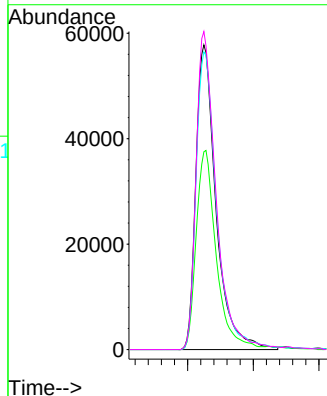
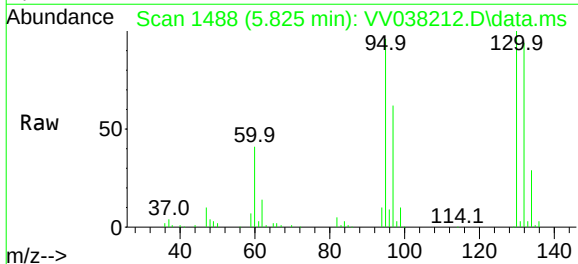
Instrument :
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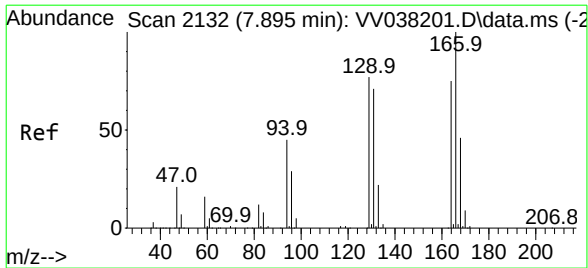
Tgt Ion: 96	Resp: 4072
Ion Ratio	Lower Upper
96 100	
61 116.7	82.7 153.5
98 59.0	46.3 85.9



#34
 Trichloroethene
 Concen: 5.818 ug/L
 RT: 5.825 min Scan# 1488
 Delta R.T. -0.003 min
 Lab File: VV038212.D
 Acq: 20 Nov 2024 13:56

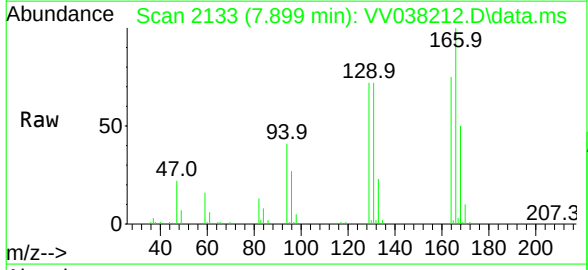
Tgt Ion: 95	Resp: 123334
Ion Ratio	Lower Upper
95 100	
97 64.9	44.8 83.2
132 97.7	68.3 126.8
130 104.4	70.2 130.4





#47
 Tetrachloroethene
 Concen: 3.040 ug/L
 RT: 7.899 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV038212.D
 Acq: 20 Nov 2024 13:56

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3J3DL



Tgt Ion:	164	Resp:	51775
Ion	Ratio	Lower	Upper
164	100		
129	95.5	68.5	127.1
131	95.0	64.8	120.4
166	132.5	88.3	163.9

