

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112224\
 Data File : VV038263.D
 Acq On : 22 Nov 2024 11:44
 Operator : SY/MD
 Sample : P4883-19DL 4X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3L8DL

Quant Time: Nov 22 23:59:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 22 23:57:44 2024
 Response via : Initial Calibration

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

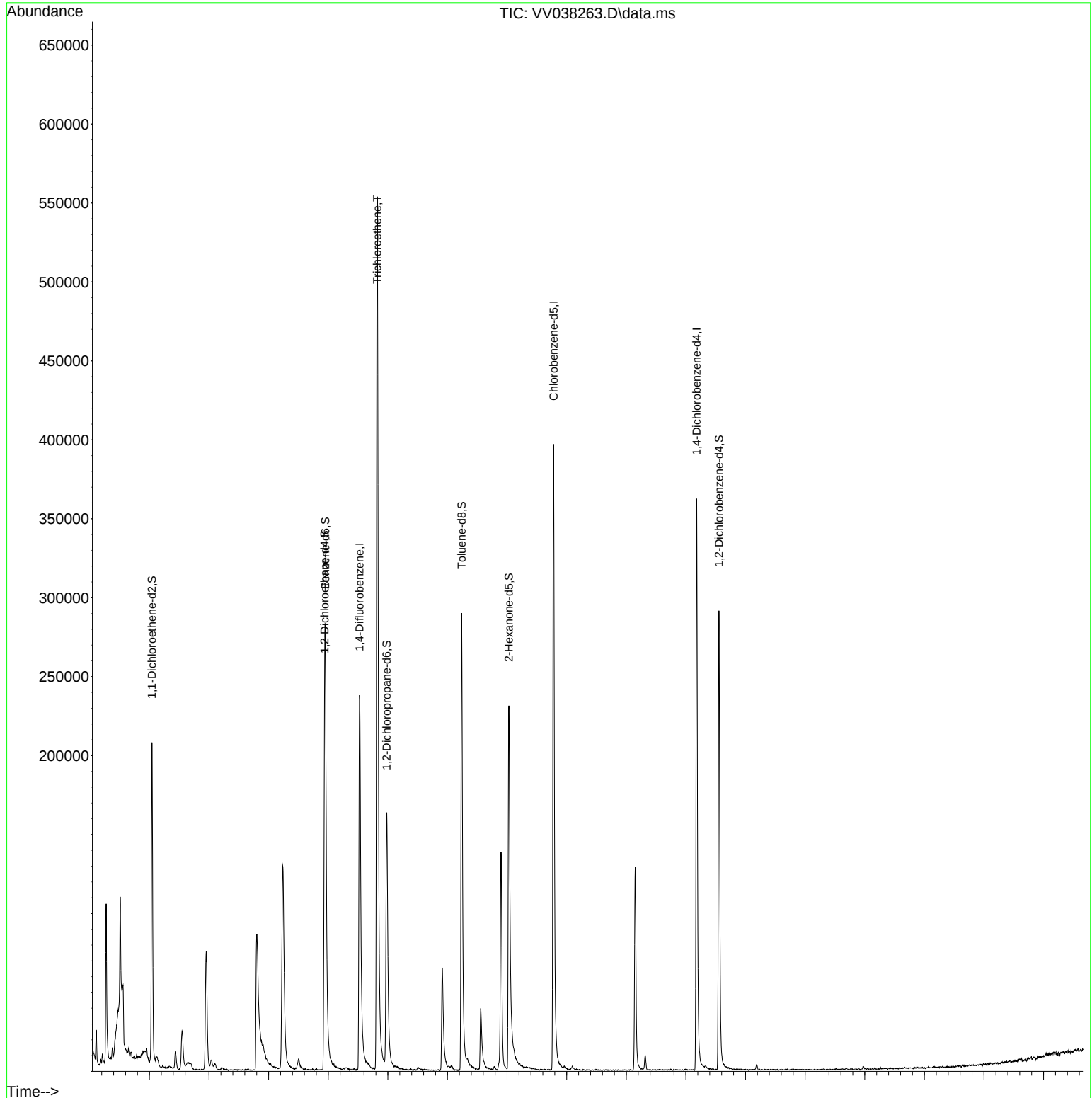
Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	232254	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	243222	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	104578	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	73274	4.116	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.400%
7) Chloroethane-d5	1.510	69	36993	2.569	ug/L	-0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	51.400%#
11) 1,1-Dichloroethene-d2	2.043	65	34284	4.475	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.600%
20) 2-Butanone-d5	3.799	46	133678	37.537	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	75.080%
24) Chloroform-d	4.239	84	148917	4.310	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.200%
26) 1,2-Dichloroethane-d4	4.937	65	68100	4.393	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.800%
32) Benzene-d6	4.950	84	267903	4.262	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.200%
36) 1,2-Dichloropropane-d6	5.979	67	88786	4.590	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.800%
41) Toluene-d8	7.236	98	217658	3.742	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.800%
43) trans-1,3-Dichloroprop...	7.558	79	29749	4.137	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.800%
46) 2-Hexanone-d5	8.030	63	96454	34.503	ug/L	0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	69.000%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	67116	4.087	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.800%
66) 1,2-Dichlorobenzene-d4	11.554	152	83124	4.665	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.400%
Target Compounds						
16) Methylene chloride	2.436	84	4578	0.242	ug/L	95
22) cis-1,2-Dichloroethene	3.805	96	19794	1.095	ug/L	93
29) 1,1,1-Trichloroethane	4.506	97	5666	0.194	ug/L	92
34) Trichloroethene	5.821	95	211321	11.347	ug/L	100
47) Tetrachloroethene	7.898	164	34088	2.278	ug/L	98

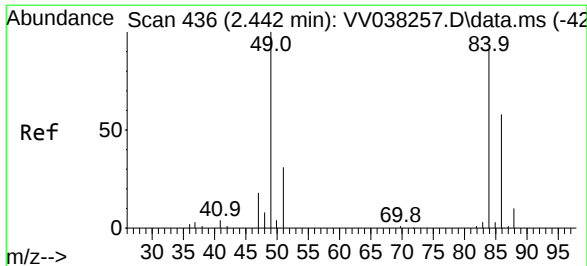
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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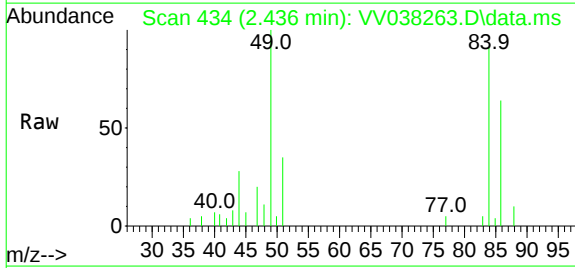
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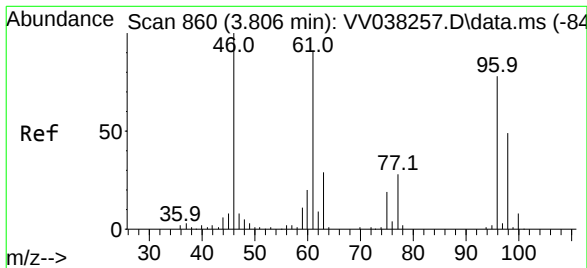
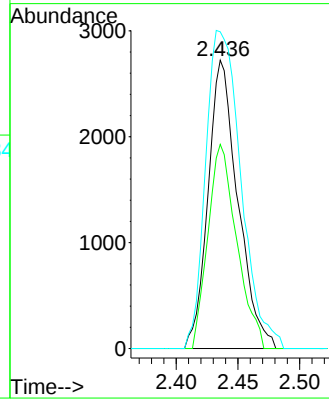
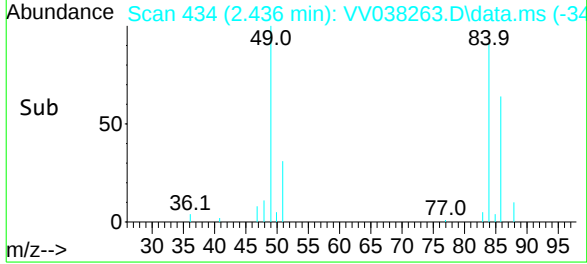


#16
Methylene chloride
Concen: 0.242 ug/L
RT: 2.436 min Scan# 436
Delta R.T. -0.007 min
Lab File: VV038263.D
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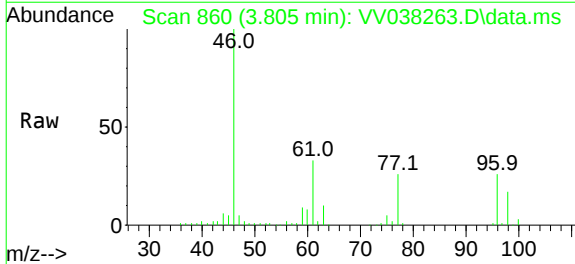
Instrument :
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ClientSampleId :
BG3L8DL



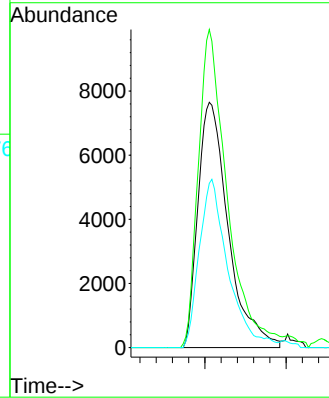
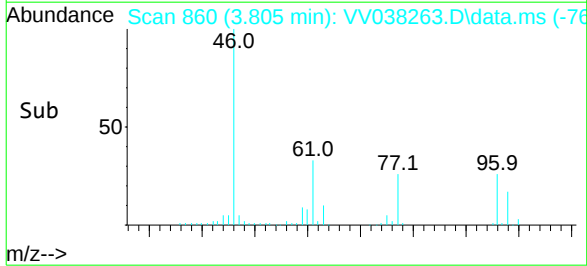
Tgt Ion: 84 Resp: 4578
Ion Ratio Lower Upper
84 100
86 70.8 44.2 82.2
49 109.8 74.9 139.1

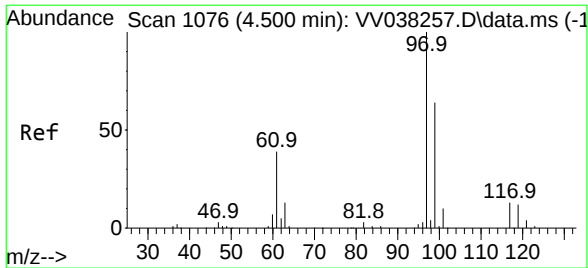


#22
cis-1,2-Dichloroethene
Concen: 1.095 ug/L
RT: 3.805 min Scan# 860
Delta R.T. -0.000 min
Lab File: VV038263.D
Acq: 22 Nov 2024 11:44



Tgt Ion: 96 Resp: 19794
Ion Ratio Lower Upper
96 100
61 129.7 82.7 153.5
98 66.9 46.3 85.9

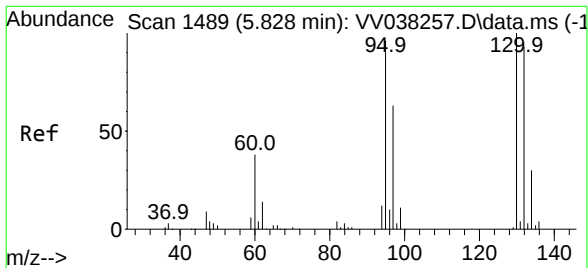
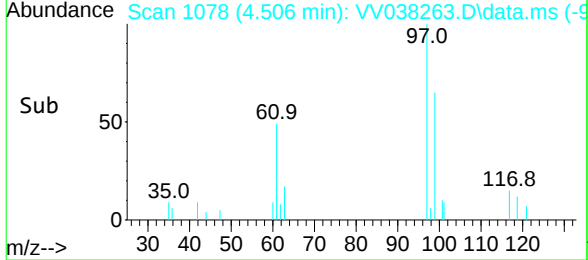
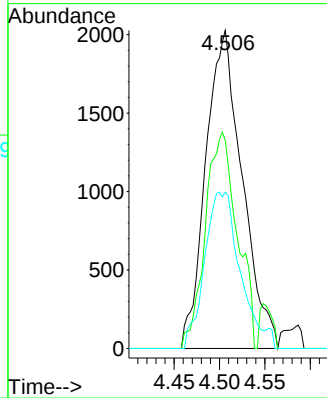
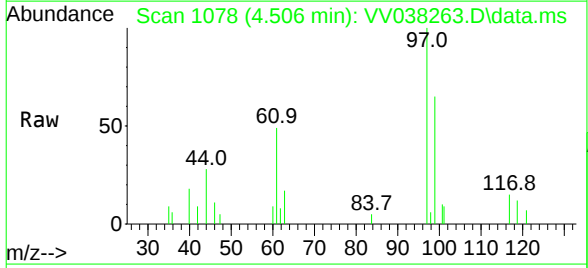




#29
1,1,1-Trichloroethane
Concen: 0.194 ug/L
RT: 4.506 min Scan# 1076
Delta R.T. 0.006 min
Lab File: VV038263.D
Acq: 22 Nov 2024 11:44

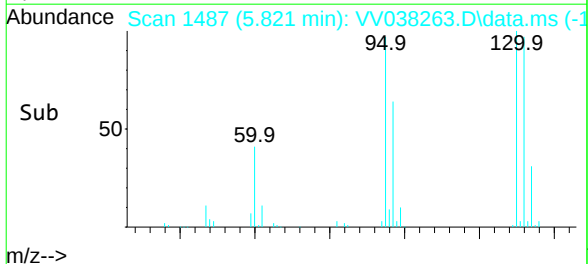
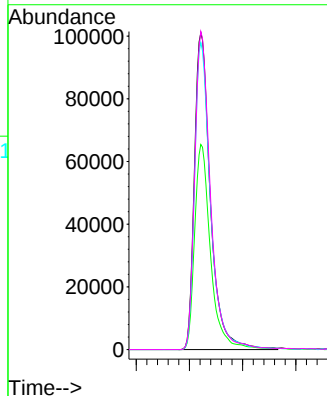
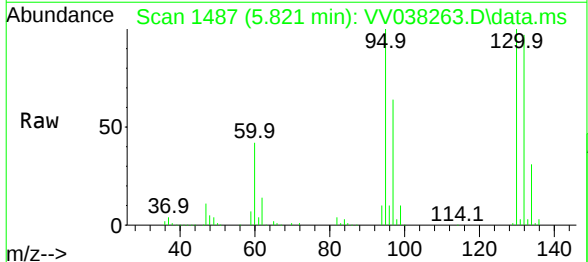
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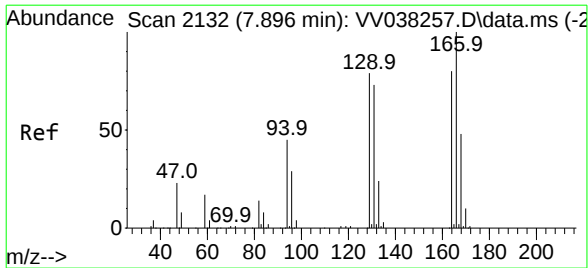
Tgt Ion:	97	Resp:	5666
Ion	Ratio	Lower	Upper
97	100		
99	59.6	51.8	77.8
61	46.9	32.2	48.2



#34
Trichloroethene
Concen: 11.347 ug/L
RT: 5.821 min Scan# 1487
Delta R.T. -0.007 min
Lab File: VV038263.D
Acq: 22 Nov 2024 11:44

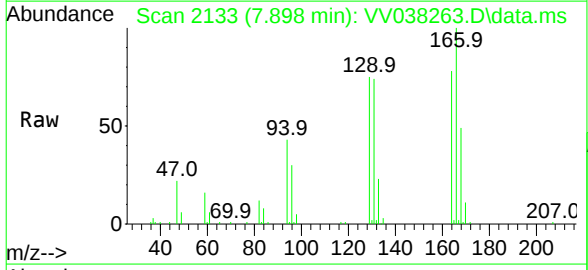
Tgt Ion:	95	Resp:	211321
Ion	Ratio	Lower	Upper
95	100		
97	64.7	44.8	83.2
132	96.9	68.3	126.8
130	100.3	70.2	130.4





#47
 Tetrachloroethene
 Concen: 2.278 ug/L
 RT: 7.898 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV038263.D
 Acq: 22 Nov 2024 11:44

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Tgt Ion:	164	Resp:	34088
Ion	Ratio	Lower	Upper
164	100		
129	95.5	68.5	127.1
131	94.4	64.8	120.4
166	127.4	88.3	163.9

