

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112324\
 Data File : VV038305.D
 Acq On : 23 Nov 2024 18:00
 Operator : SY/MD
 Sample : P4884-14DL 2X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3N8DL

Quant Time: Nov 23 23:01:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 23 02:01:29 2024
 Response via : Initial Calibration

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

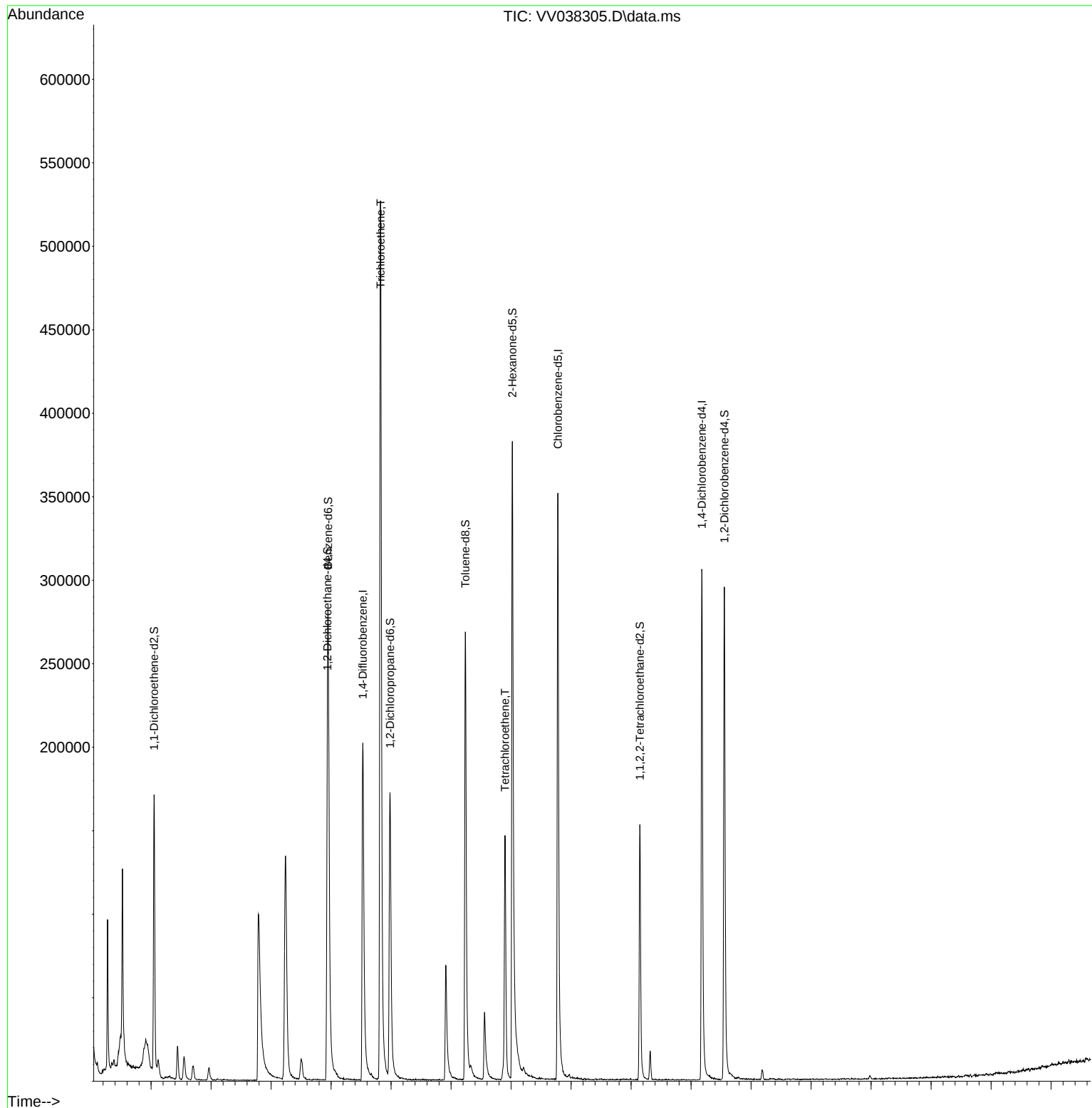
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	195680	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	213423	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	88554	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	56873	3.792	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.800%
7) Chloroethane-d5	1.523	69	60010	4.946	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.000%
11) 1,1-Dichloroethene-d2	2.050	65	28174	4.365	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.400%
20) 2-Butanone-d5	3.789	46	182055	60.677	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.360%
24) Chloroform-d	4.240	84	154650	5.313	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.200%
26) 1,2-Dichloroethane-d4	4.937	65	78332	5.997	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	120.000%
32) Benzene-d6	4.950	84	265546	4.814	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
36) 1,2-Dichloropropane-d6	5.982	67	91344	5.382	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.600%
41) Toluene-d8	7.236	98	203934	3.996	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.000%
43) trans-1,3-Dichloroprop...	7.558	79	32009	5.072	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.400%
46) 2-Hexanone-d5	8.021	63	146084	59.552	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	119.100%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	79880	5.544	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.800%
66) 1,2-Dichlorobenzene-d4	11.554	152	86211	5.714	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.200%
Target Compounds						
16) Methylene chloride	2.439	84	9104	0.571	ug/L	90
17) Methyl tert-butyl Ether	2.706	73	7871	0.249	ug/L #	89
22) cis-1,2-Dichloroethene	3.815	96	3990	0.262	ug/L	88
29) 1,1,1-Trichloroethane	4.503	97	11312	0.442	ug/L	93
34) Trichloroethene	5.825	95	201925	12.356	ug/L	97
47) Tetrachloroethene	7.899	164	34834	2.653	ug/L	96

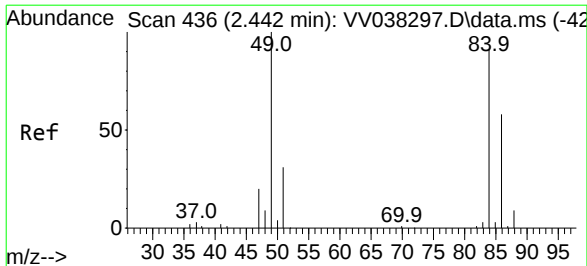
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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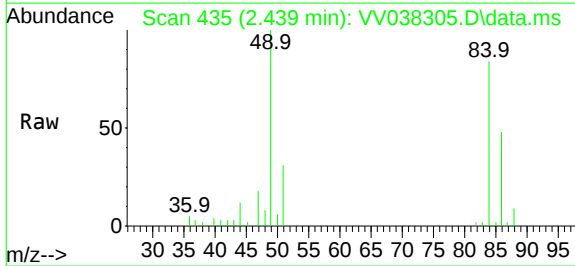
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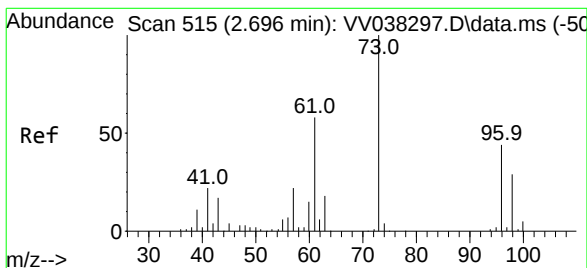
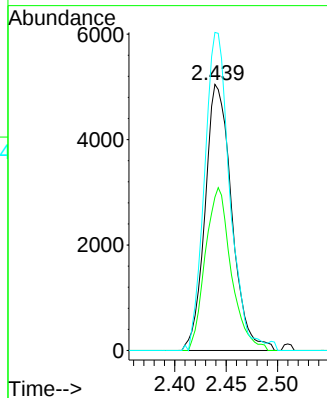
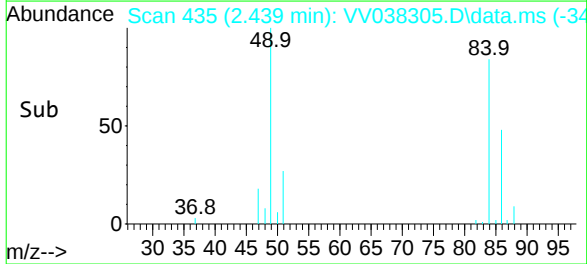


#16
Methylene chloride
Concen: 0.571 ug/L
RT: 2.439 min Scan# 43
Delta R.T. 0.000 min
Lab File: VV038305.D
Acq: 23 Nov 2024 18:00

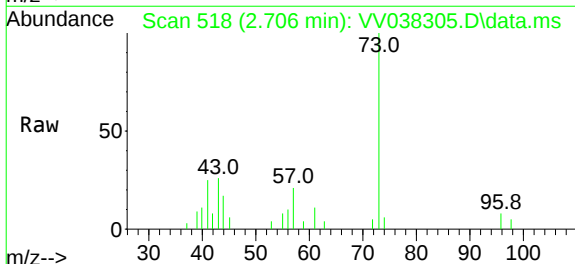
Instrument :
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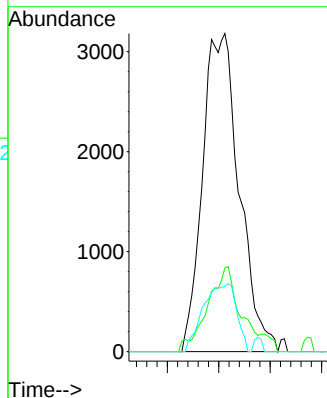
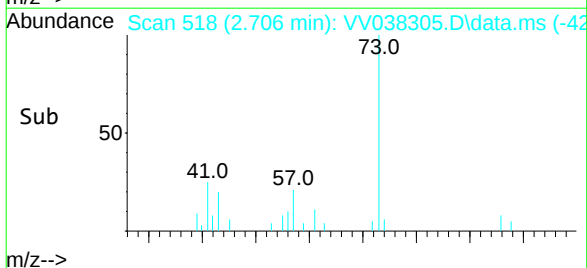
Tgt Ion: 84 Resp: 9104
Ion Ratio Lower Upper
84 100
86 57.6 44.2 82.2
49 119.5 74.9 139.1

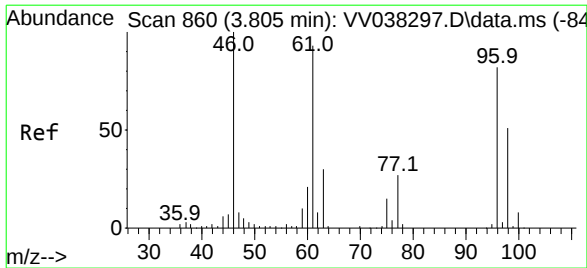


#17
Methyl tert-butyl Ether
Concen: 0.249 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.010 min
Lab File: VV038305.D
Acq: 23 Nov 2024 18:00



Tgt Ion: 73 Resp: 7871
Ion Ratio Lower Upper
73 100
43 25.1 14.2 21.2#
57 19.4 17.6 26.4

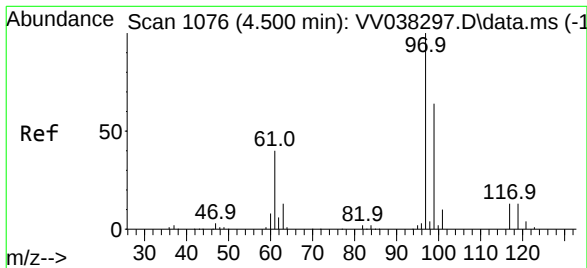
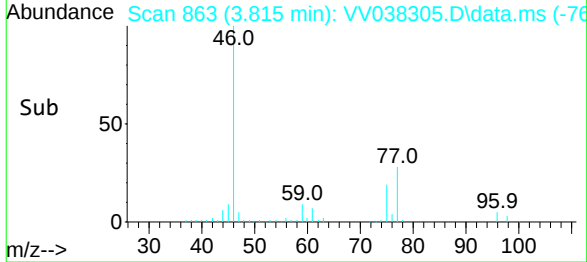
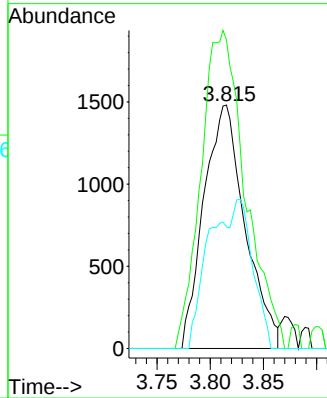
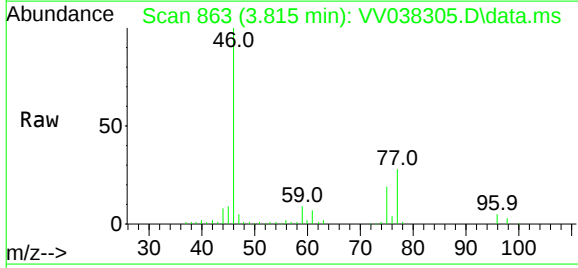




#22
 cis-1,2-Dichloroethene
 Concen: 0.262 ug/L
 RT: 3.815 min Scan# 860
 Delta R.T. 0.010 min
 Lab File: VV038305.D
 Acq: 23 Nov 2024 18:00

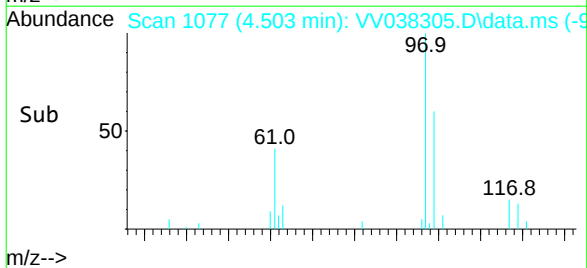
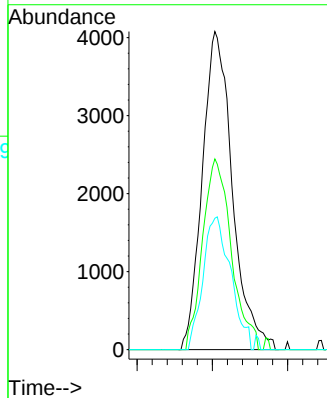
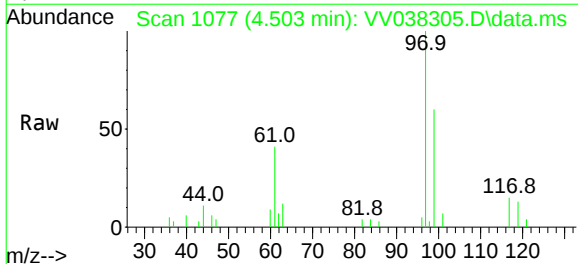
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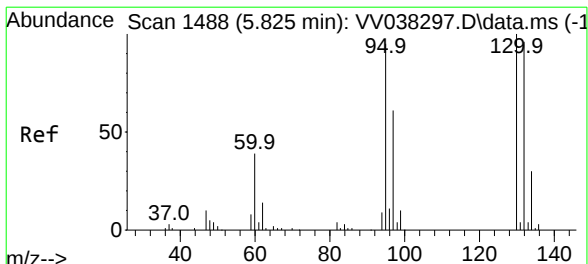
Tgt Ion:	96	Resp:	3990
Ion	Ratio	Lower	Upper
96	100		
61	126.8	82.7	153.5
98	50.0	46.3	85.9



#29
 1,1,1-Trichloroethane
 Concen: 0.442 ug/L
 RT: 4.503 min Scan# 1077
 Delta R.T. 0.000 min
 Lab File: VV038305.D
 Acq: 23 Nov 2024 18:00

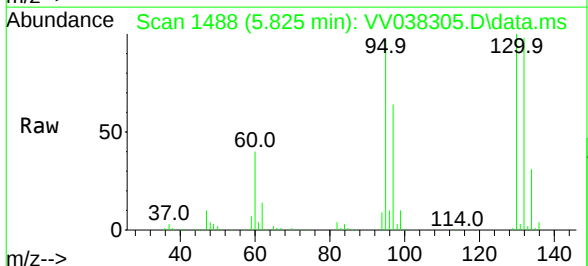
Tgt Ion:	97	Resp:	11312
Ion	Ratio	Lower	Upper
97	100		
99	57.3	51.8	77.8
61	38.5	32.2	48.2



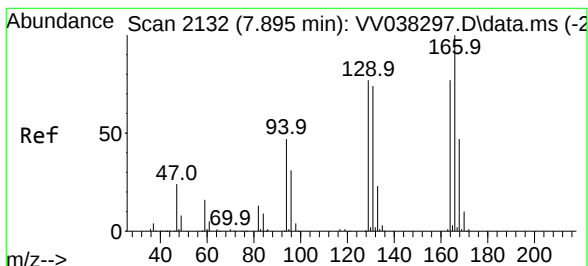
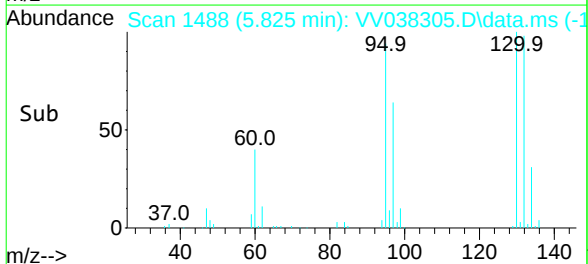
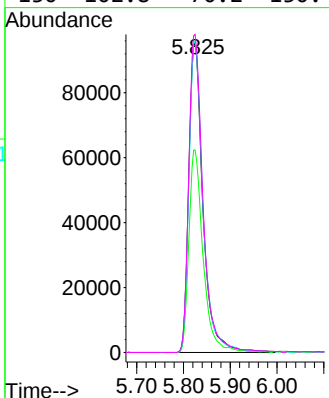


#34
 Trichloroethene
 Concen: 12.356 ug/L
 RT: 5.825 min Scan# 1418
 Delta R.T. -0.003 min
 Lab File: VV038305.D
 Acq: 23 Nov 2024 18:00

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Tgt Ion	Ratio	Lower	Upper
95	100		
97	65.5	44.8	83.2
132	100.7	68.3	126.8
130	102.8	70.2	130.4



#47
 Tetrachloroethene
 Concen: 2.653 ug/L
 RT: 7.899 min Scan# 2133
 Delta R.T. 0.003 min
 Lab File: VV038305.D
 Acq: 23 Nov 2024 18:00

Tgt Ion	Ratio	Lower	Upper
164	100		
129	98.8	68.5	127.1
131	99.7	64.8	120.4
166	131.4	88.3	163.9

