

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112224\
 Data File : VV038288.D
 Acq On : 22 Nov 2024 23:31
 Operator : SY/MD
 Sample : P4930-04
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG442

Quant Time: Nov 23 02:07:59 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)

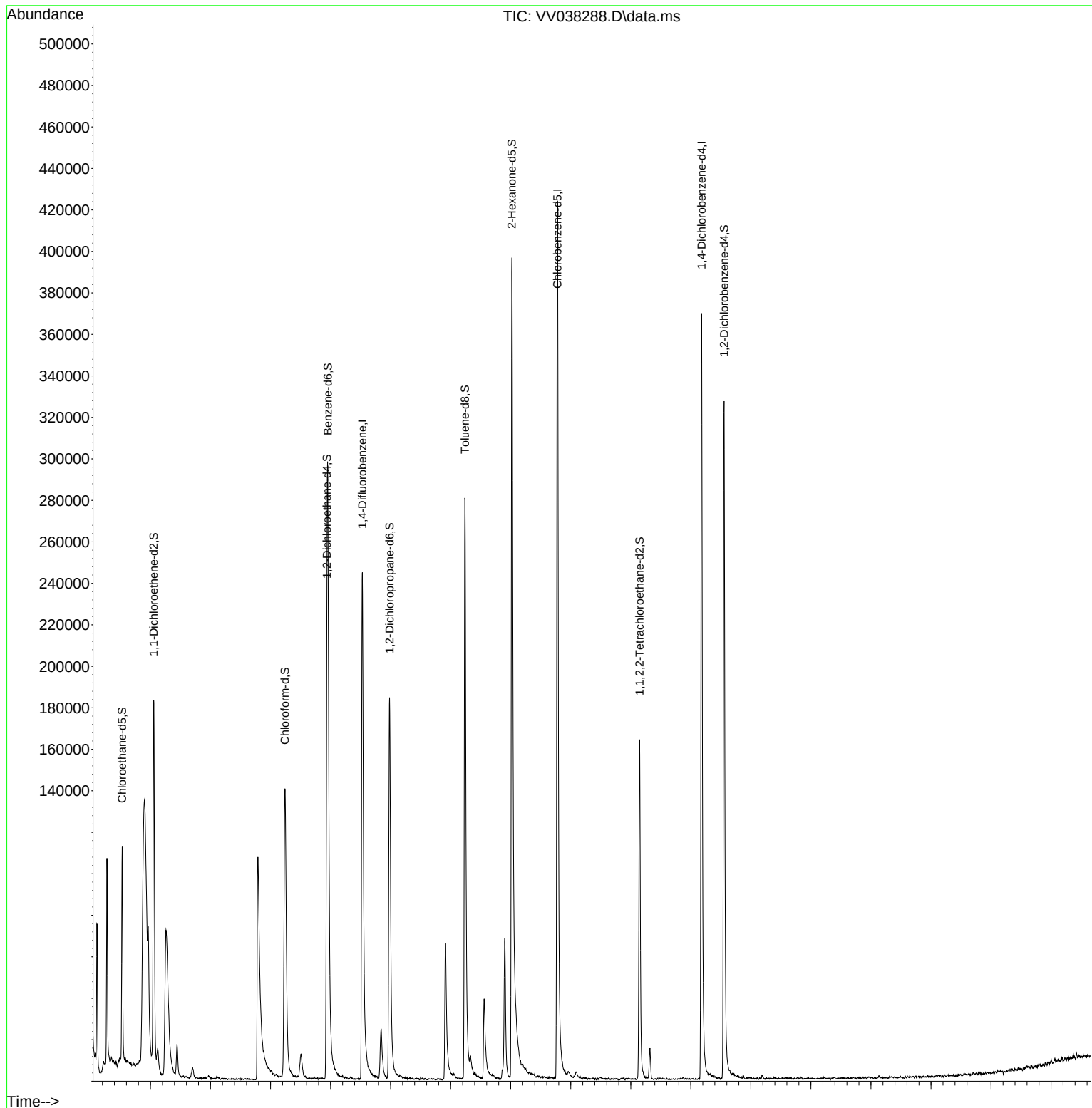
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	231278	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	253734	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	105168	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	64381	3.632	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.600%
7) Chloroethane-d5	1.529	69	65524	4.570	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.400%
11) 1,1-Dichloroethene-d2	2.053	65	28790	3.774	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.400%
20) 2-Butanone-d5	3.789	46	178689	50.388	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.780%
24) Chloroform-d	4.240	84	161046	4.681	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
26) 1,2-Dichloroethane-d4	4.937	65	82075	5.317	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.400%
32) Benzene-d6	4.953	84	273710	4.174	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.400%
36) 1,2-Dichloropropane-d6	5.982	67	93372	4.627	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.600%
41) Toluene-d8	7.236	98	213019	3.511	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.200%
43) trans-1,3-Dichloroprop...	7.558	79	30197	4.025	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.400%
46) 2-Hexanone-d5	8.018	63	151944	52.100	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.200%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	84050	4.906	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.200%
66) 1,2-Dichlorobenzene-d4	11.554	152	91811	5.124	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.400%
Target Compounds						
16) Methylene chloride	2.442	84	6411	0.340	ug/L	94
17) Methyl tert-butyl Ether	2.696	73	4855	0.130	ug/L #	91
29) 1,1,1-Trichloroethane	4.510	97	10538	0.346	ug/L #	88
34) Trichloroethene	5.844	95	9956	0.512	ug/L	95
42) Toluene	7.333	91	7928	0.105	ug/L	99
47) Tetrachloroethene	7.902	164	16117	1.032	ug/L	97

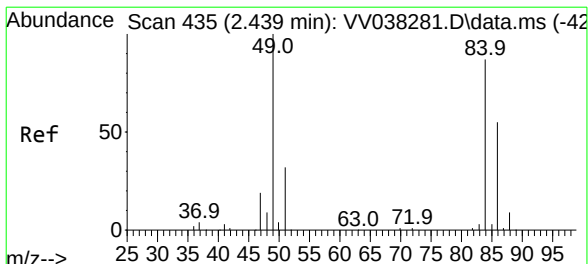
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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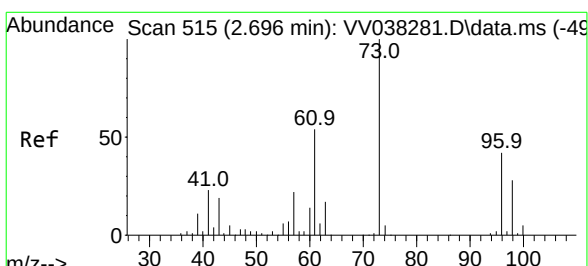
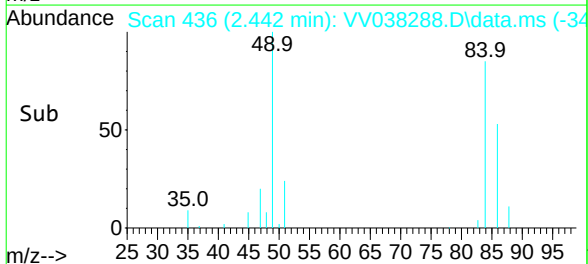
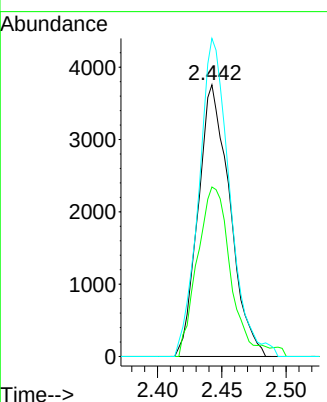
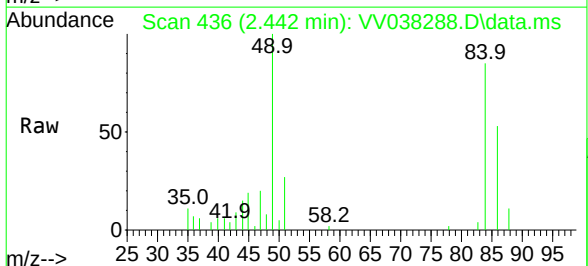




#16
Methylene chloride
Concen: 0.340 ug/L
RT: 2.442 min Scan# 43
Delta R.T. 0.003 min
Lab File: VV038288.D
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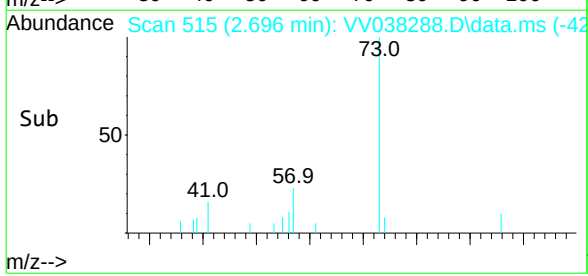
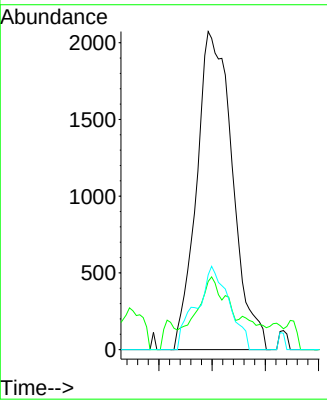
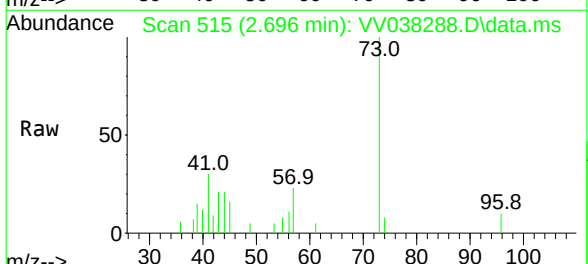
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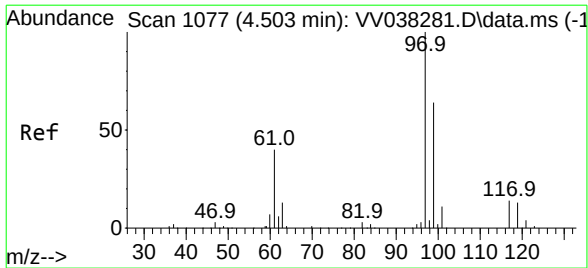
Tgt Ion:	84	Resp:	6411
Ion	Ratio	Lower	Upper
84	100		
86	62.4	44.2	82.2
49	117.1	74.9	139.1



#17
Methyl tert-butyl Ether
Concen: 0.130 ug/L
RT: 2.696 min Scan# 515
Delta R.T. 0.000 min
Lab File: VV038288.D
Acq: 22 Nov 2024 23:31

Tgt Ion:	73	Resp:	4855
Ion	Ratio	Lower	Upper
73	100		
43	11.4	14.2	21.2
57	24.0	17.6	26.4

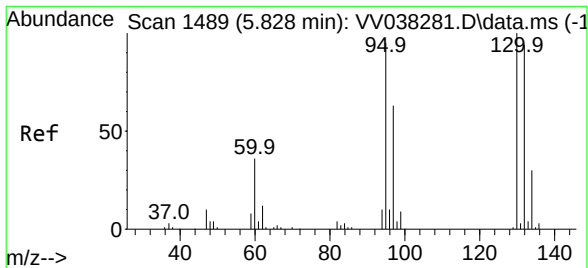
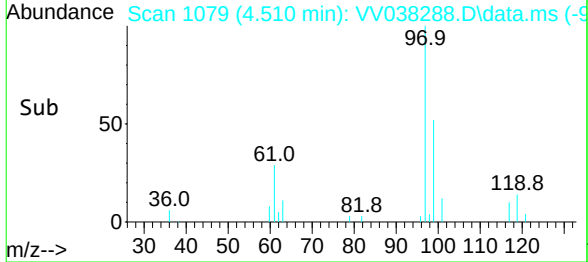
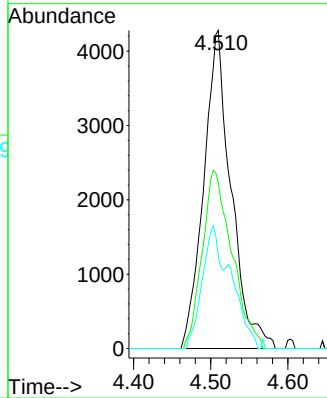
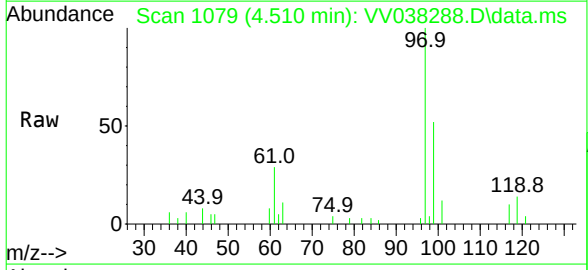




#29
1,1,1-Trichloroethane
Concen: 0.346 ug/L
RT: 4.510 min Scan# 1077
Delta R.T. 0.007 min
Lab File: VV038288.D
Acq: 22 Nov 2024 23:31

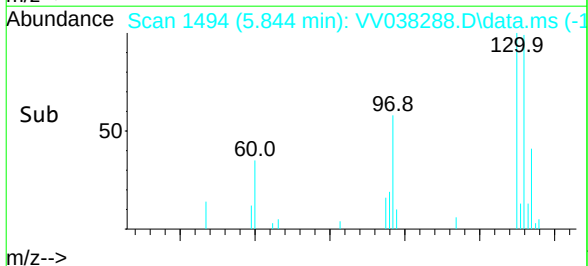
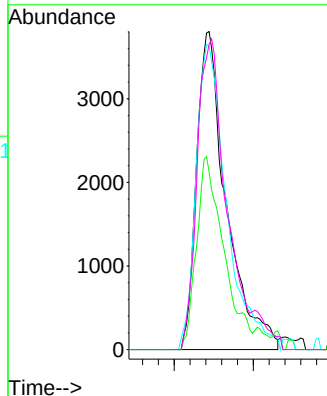
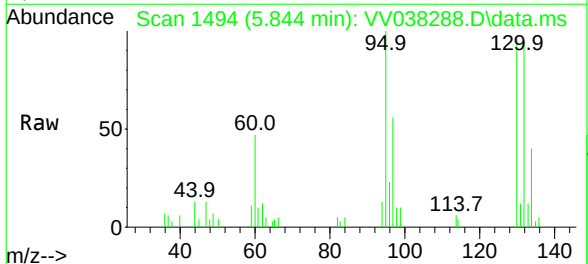
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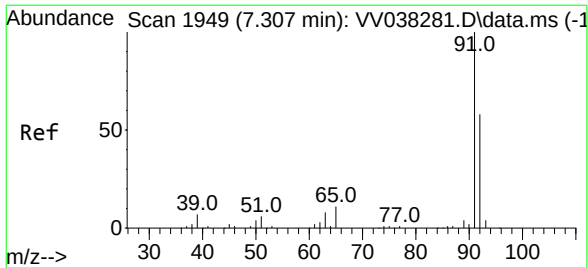
Tgt Ion:	97	Resp:	10538
Ion	Ratio	Lower	Upper
97	100		
99	60.8	51.8	77.8
61	26.0	32.2	48.2



#34
Trichloroethene
Concen: 0.512 ug/L
RT: 5.844 min Scan# 1494
Delta R.T. 0.016 min
Lab File: VV038288.D
Acq: 22 Nov 2024 23:31

Tgt Ion:	95	Resp:	9956
Ion	Ratio	Lower	Upper
95	100		
97	55.8	44.8	83.2
132	95.5	68.3	126.8
130	96.0	70.2	130.4





#42

Toluene

Concen: 0.105 ug/L

RT: 7.333 min Scan# 19

Delta R.T. 0.026 min

Lab File: VV038288.D

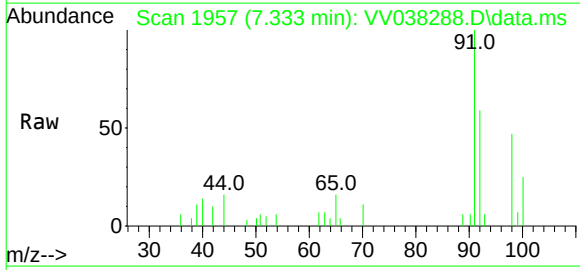
Acq: 22 Nov 2024 23:31

Instrument :

MSVOA_V

ClientSampleId :

BG442

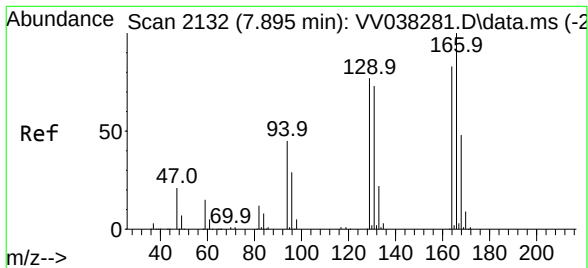
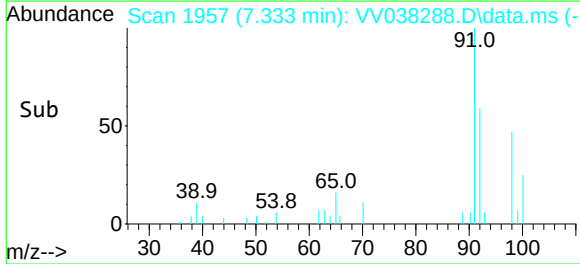
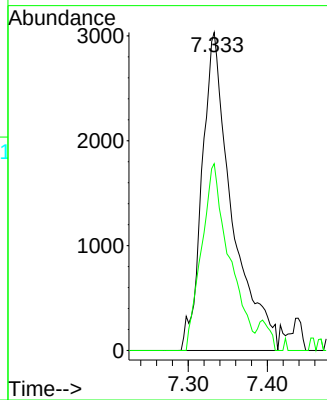


Tgt Ion: 91 Resp: 7928

Ion Ratio Lower Upper

91 100

92 58.7 40.8 75.8



#47

Tetrachloroethene

Concen: 1.032 ug/L

RT: 7.902 min Scan# 2134

Delta R.T. 0.007 min

Lab File: VV038288.D

Acq: 22 Nov 2024 23:31

Tgt Ion: 164 Resp: 16117

Ion Ratio Lower Upper

164 100

129 96.1 68.5 127.1

131 95.1 64.8 120.4

166 122.5 88.3 163.9

