

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112524\
 Data File : VV038349.D
 Acq On : 25 Nov 2024 17:41
 Operator : SY/MD
 Sample : P4930-04
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG442

Quant Time: Nov 26 00:46:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 26 00:39:03 2024
 Response via : Initial Calibration

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

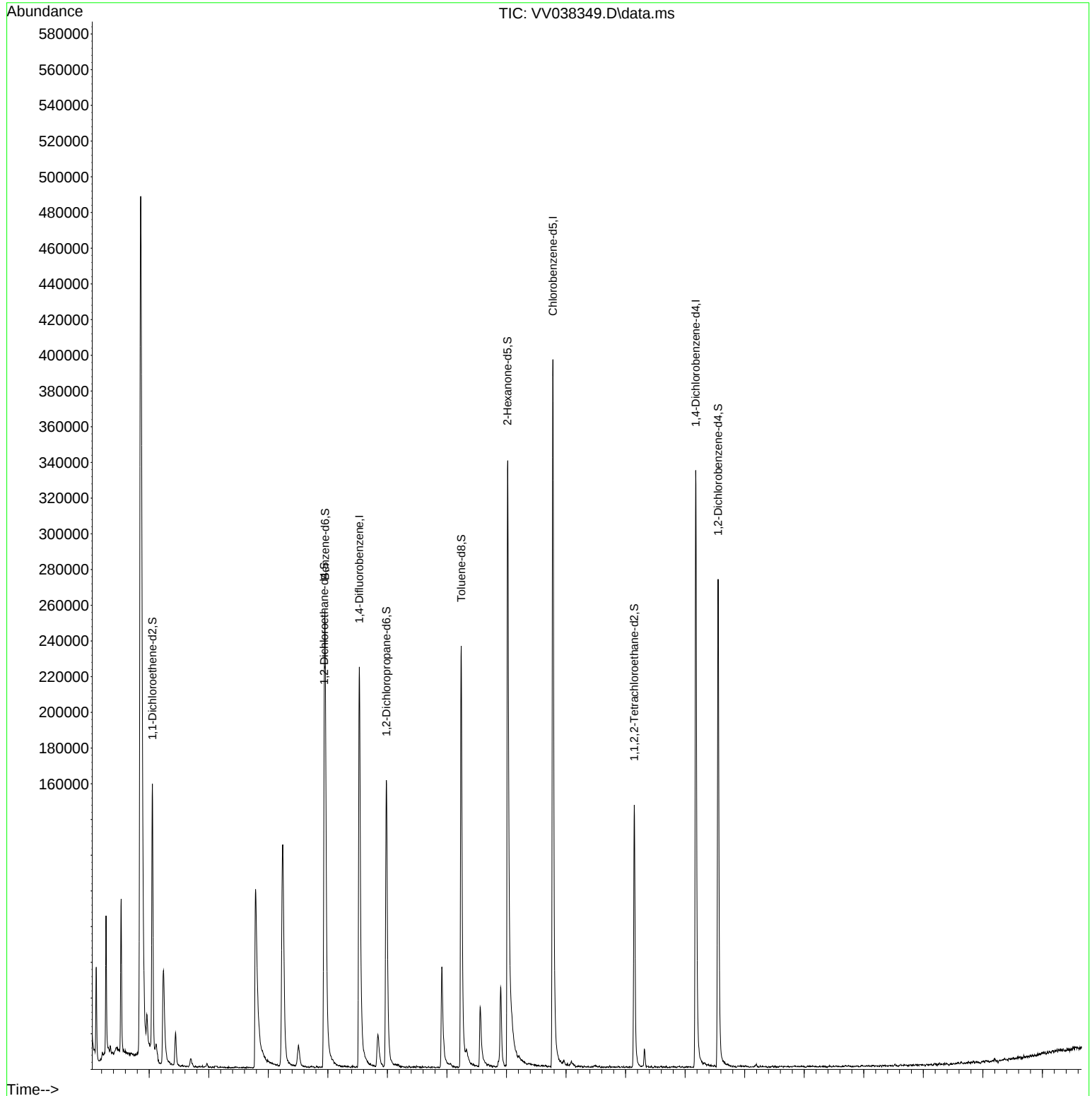
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	212644	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	239469	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	97310	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	50536	3.101	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.000%
7) Chloroethane-d5	1.529	69	53764	4.078	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.600%
11) 1,1-Dichloroethene-d2	2.053	65	24359	3.473	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.400%
20) 2-Butanone-d5	3.786	46	176507	54.135	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.260%
24) Chloroform-d	4.240	84	143096	4.524	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
26) 1,2-Dichloroethane-d4	4.937	65	74246	5.231	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.600%
32) Benzene-d6	4.953	84	235199	3.800	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.000%
36) 1,2-Dichloropropane-d6	5.982	67	83654	4.392	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.800%
41) Toluene-d8	7.240	98	173354	3.027	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	60.600%#
43) trans-1,3-Dichloroprop...	7.558	79	25823	3.647	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.000%
46) 2-Hexanone-d5	8.018	63	124587	45.265	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.520%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	74495	4.608	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.200%
66) 1,2-Dichlorobenzene-d4	11.555	152	76706	4.626	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.600%
Target Compounds						
16) Methylene chloride	2.442	84	7669	0.443	ug/L	91
17) Methyl tert-butyl Ether	2.693	73	4211	0.123	ug/L #	85
29) 1,1,1-Trichloroethane	4.510	97	10147	0.353	ug/L	95
34) Trichloroethene	5.841	95	6840	0.373	ug/L	94
47) Tetrachloroethene	7.905	164	10716	0.727	ug/L	97

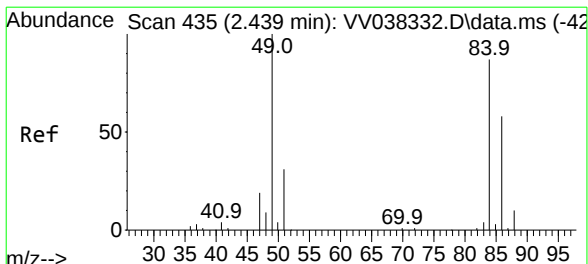
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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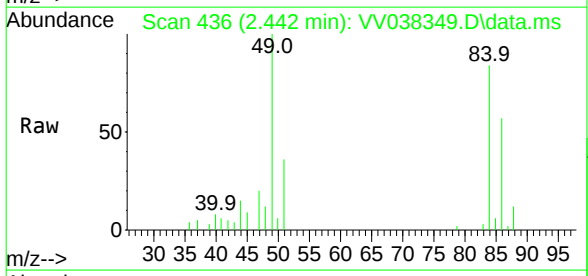
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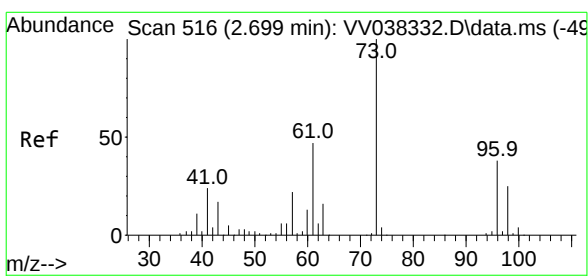
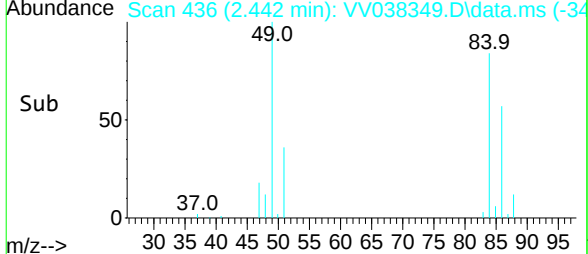
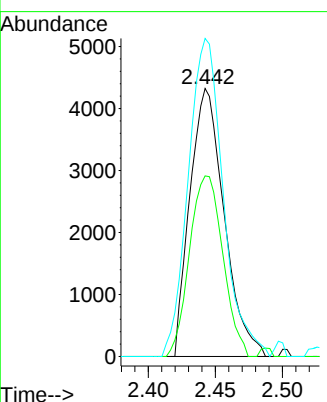
#16
Methylene chloride
Concen: 0.443 ug/L
RT: 2.442 min Scan# 43
Delta R.T. 0.003 min
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Tgt Ion: 84 Resp: 7669

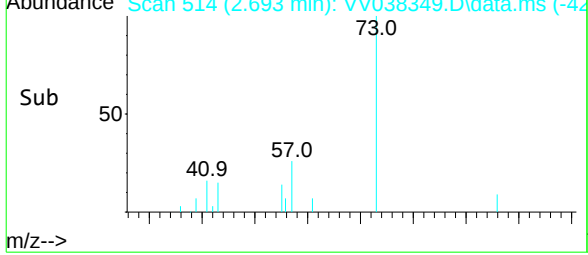
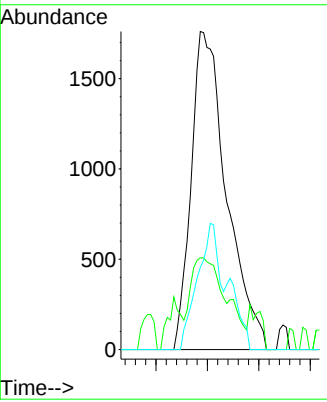
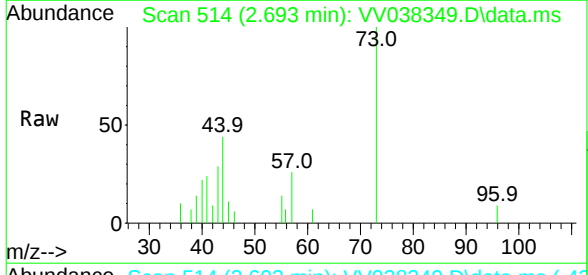
Ion	Ratio	Lower	Upper
84	100		
86	67.4	44.2	82.2
49	118.7	74.9	139.1

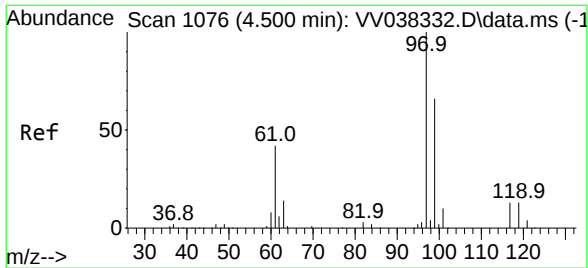


#17
Methyl tert-butyl Ether
Concen: 0.123 ug/L
RT: 2.693 min Scan# 514
Delta R.T. -0.006 min
Lab File: VV038349.D
Acq: 25 Nov 2024 17:41

Tgt Ion: 73 Resp: 4211

Ion	Ratio	Lower	Upper
73	100		
43	29.4	14.2	21.2
57	24.5	17.6	26.4

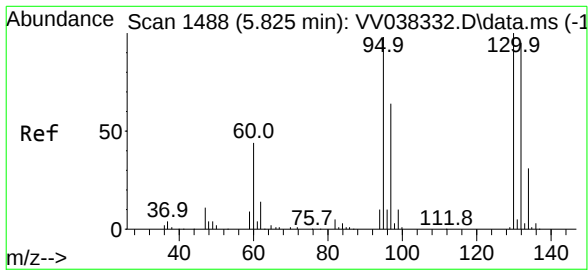
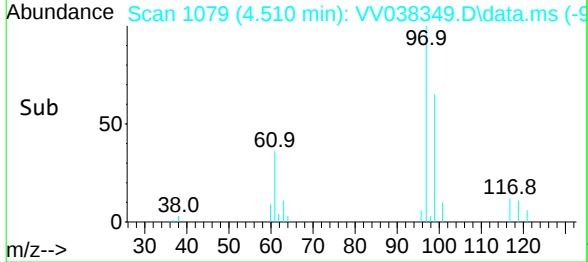
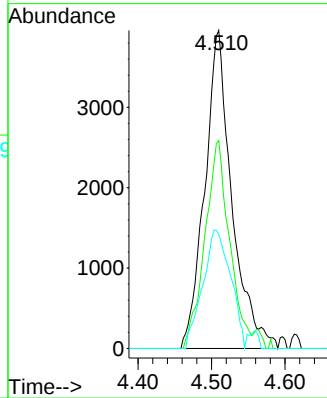
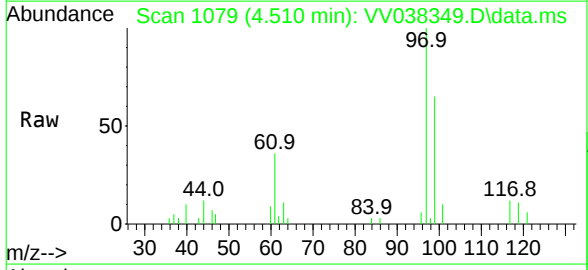




#29
1,1,1-Trichloroethane
Concen: 0.353 ug/L
RT: 4.510 min Scan# 1076
Delta R.T. 0.010 min
Lab File: VV038349.D
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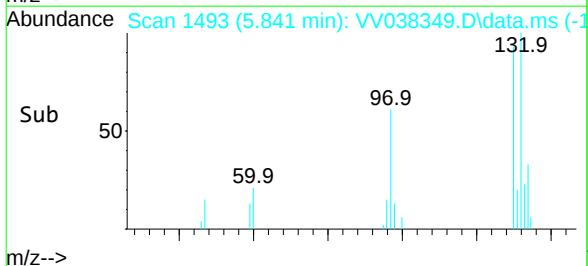
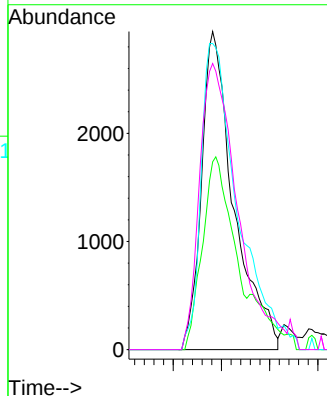
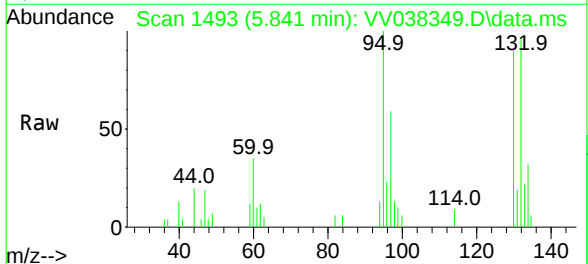
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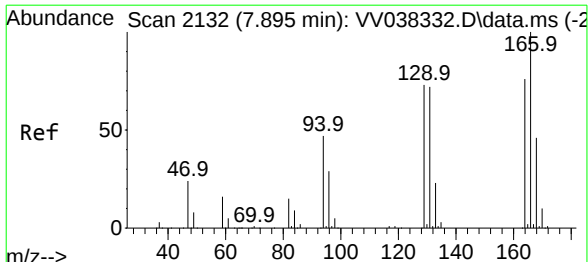
Tgt Ion:	97	Resp:	10147
Ion	Ratio	Lower	Upper
97	100		
99	59.4	51.8	77.8
61	38.1	32.2	48.2



#34
Trichloroethene
Concen: 0.373 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. 0.016 min
Lab File: VV038349.D
Acq: 25 Nov 2024 17:41

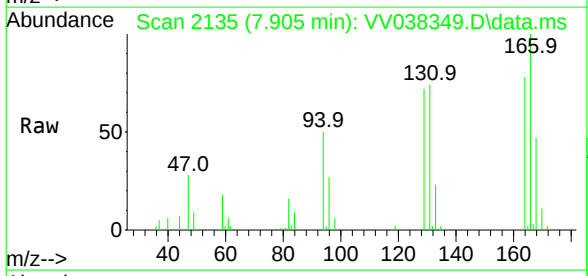
Tgt Ion:	95	Resp:	6840
Ion	Ratio	Lower	Upper
95	100		
97	59.0	44.8	83.2
132	96.2	68.3	126.8
130	89.9	70.2	130.4





#47
 Tetrachloroethene
 Concen: 0.727 ug/L
 RT: 7.905 min Scan# 21
 Delta R.T. 0.010 min
 Lab File: VV038349.D
 Acq: 25 Nov 2024 17:41

Instrument :
 MSVOA_V
 ClientSampleId :
 BG442



Tgt Ion:	164	Resp:	10716
Ion	Ratio	Lower	Upper
164	100		
129	91.7	68.5	127.1
131	95.0	64.8	120.4
166	127.8	88.3	163.9

