

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120724\
 Data File : VV038441.D
 Acq On : 06 Dec 2024 16:03
 Operator : SY/MD
 Sample : P5111-11
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG460

Quant Time: Dec 06 21:37:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 06 21:32:44 2024
 Response via : Initial Calibration

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

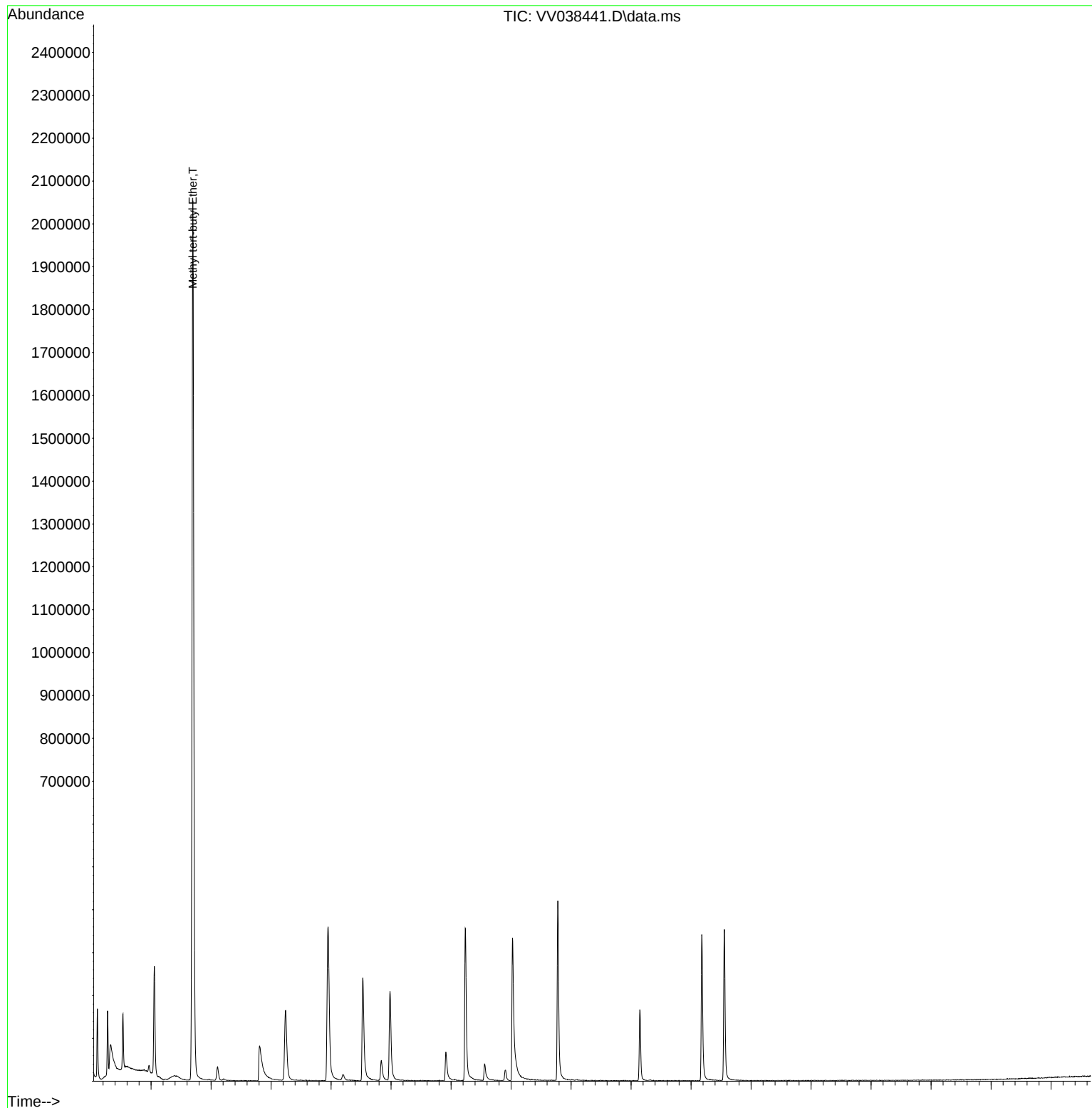
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	231130	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	251669	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	97084	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	99237	5.602	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 112.000%	
7) Chloroethane-d5	1.529	69	82192	5.736	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 114.800%	
11) 1,1-Dichloroethene-d2	2.053	65	41196	5.404	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 108.000%	
20) 2-Butanone-d5	3.809	46	185882	52.450	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	= 104.900%	
24) Chloroform-d	4.243	84	186709	5.430	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 108.600%	
26) 1,2-Dichloroethane-d4	4.937	65	89083	5.775	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 115.400%	
32) Benzene-d6	4.953	84	342356	5.263	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 105.200%	
36) 1,2-Dichloropropane-d6	5.982	67	108865	5.439	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 108.800%	
41) Toluene-d8	7.236	98	265003	4.403	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 88.000%	
43) trans-1,3-Dichloroprop...	7.558	79	30397	4.085	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 81.600%	
46) 2-Hexanone-d5	8.024	63	128467	44.412	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 88.820%	
56) 1,1,2,2-Tetrachloroeth...	10.146	84	84518	4.974	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 99.400%	
66) 1,2-Dichlorobenzene-d4	11.554	152	98047	5.927	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 118.600%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.105	85	88733	4.058	ug/L	97
17) Methyl tert-butyl Ether	2.696	73	2056994	55.111	ug/L	100
19) 1,1-Dichloroethane	3.108	63	32424	1.027	ug/L	98
34) Trichloroethene	5.837	95	20459	1.062	ug/L	96
47) Tetrachloroethene	7.902	164	7029	0.454	ug/L	94

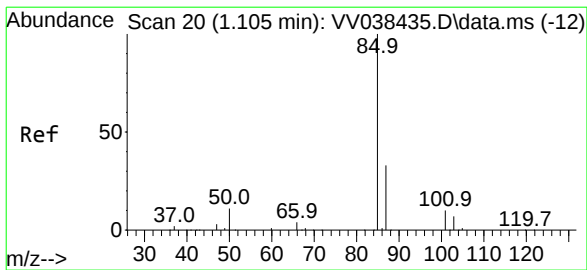
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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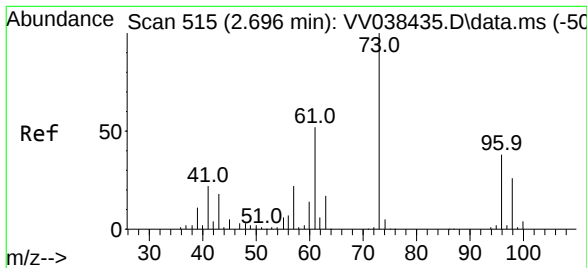
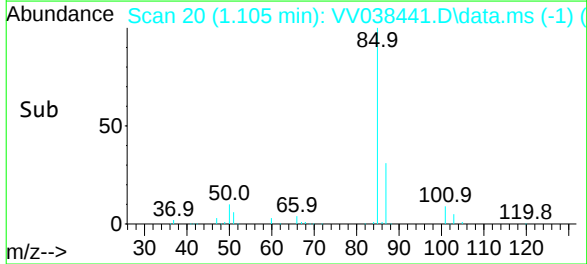
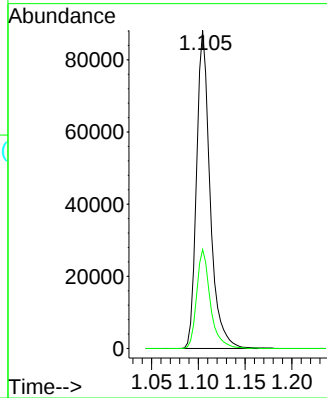
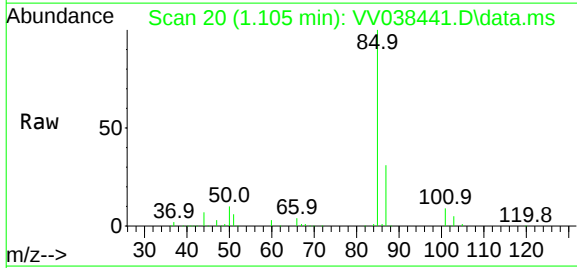




#2
 Dichlorodifluoromethane
 Concen: 4.058 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VV038441.D
 Acq: 06 Dec 2024 16:03

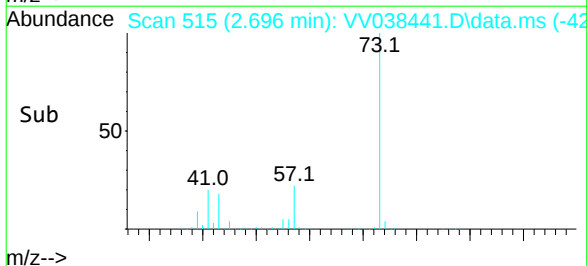
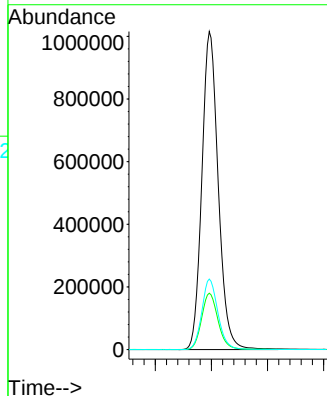
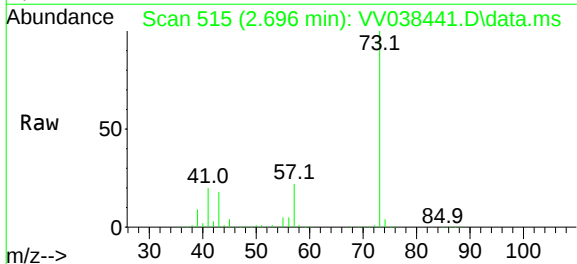
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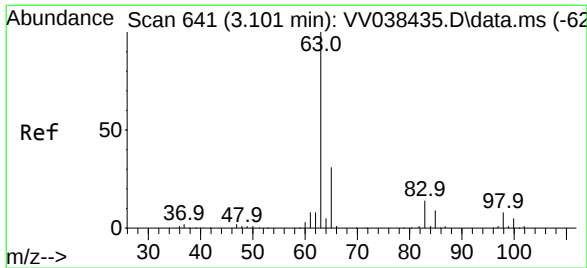
Tgt Ion: 85 Resp: 88733
 Ion Ratio Lower Upper
 85 100
 87 31.3 26.5 39.7



#17
 Methyl tert-butyl Ether
 Concen: 55.111 ug/L
 RT: 2.696 min Scan# 515
 Delta R.T. -0.000 min
 Lab File: VV038441.D
 Acq: 06 Dec 2024 16:03

Tgt Ion: 73 Resp: 2056994
 Ion Ratio Lower Upper
 73 100
 43 17.8 14.2 21.2
 57 21.9 17.6 26.4

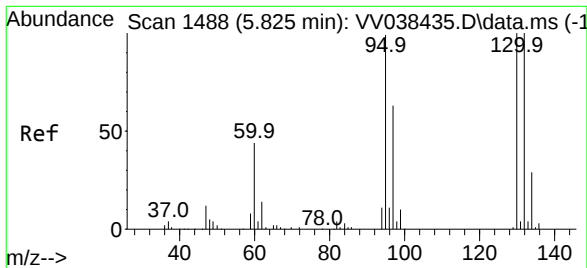
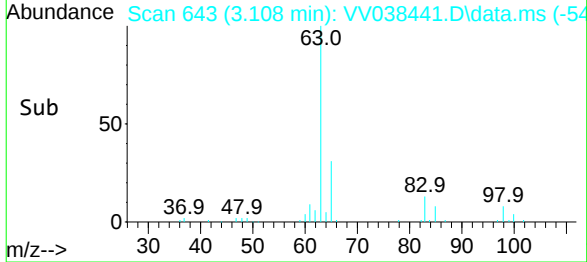
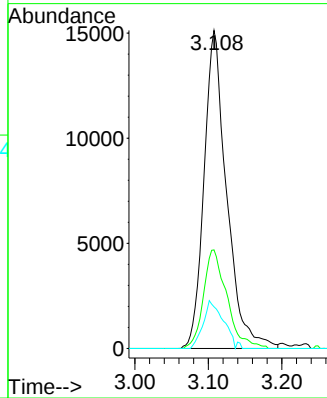
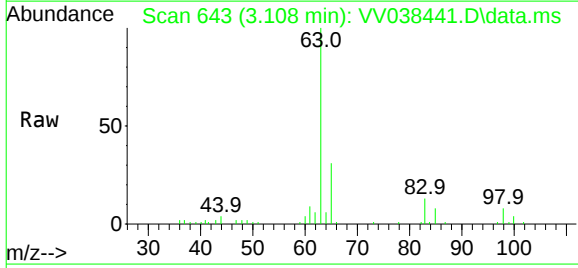




#19
1,1-Dichloroethane
Concen: 1.027 ug/L
RT: 3.108 min Scan# 641
Delta R.T. 0.006 min
Lab File: VV038441.D
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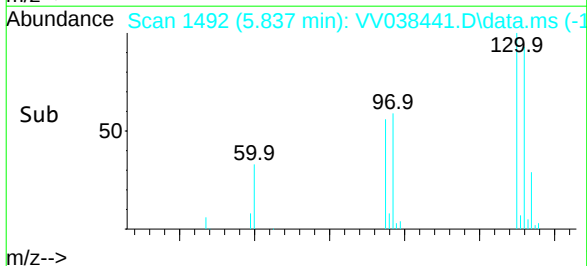
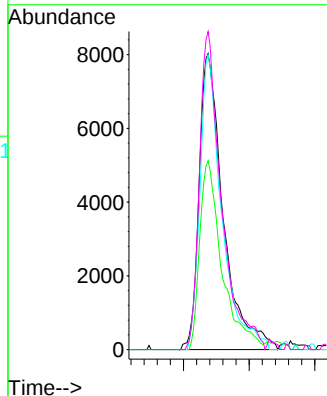
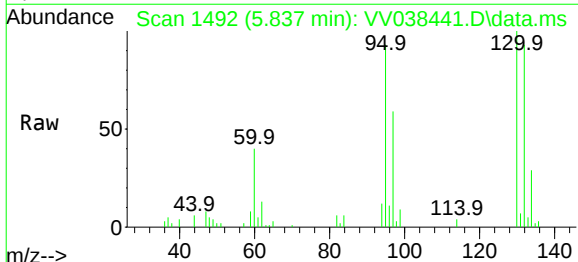
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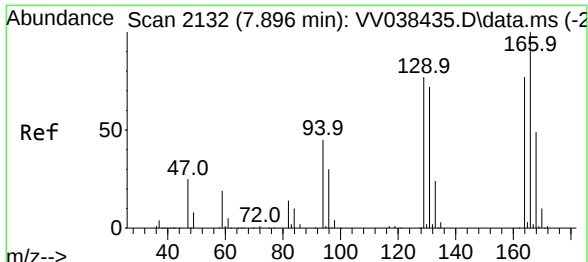
Tgt Ion:	63	Resp:	32424
Ion	Ratio	Lower	Upper
63	100		
65	31.0	22.5	41.7
83	13.1	10.1	18.9



#34
Trichloroethene
Concen: 1.062 ug/L
RT: 5.837 min Scan# 1492
Delta R.T. 0.013 min
Lab File: VV038441.D
Acq: 06 Dec 2024 16:03

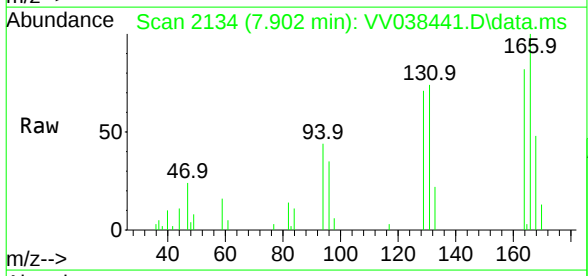
Tgt Ion:	95	Resp:	20459
Ion	Ratio	Lower	Upper
95	100		
97	63.8	44.8	83.2
132	99.6	68.3	126.8
130	107.4	70.2	130.4





#47
 Tetrachloroethene
 Concen: 0.454 ug/L
 RT: 7.902 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VV038441.D
 Acq: 06 Dec 2024 16:03

Instrument :
 MSVOA_V
 ClientSampleId :
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Tgt Ion:164 Resp: 7029

Ion	Ratio	Lower	Upper
164	100		
129	86.8	68.5	127.1
131	90.5	64.8	120.4
166	121.8	88.3	163.9

