

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111221\
 Data File : VW023464.D
 Acq On : 13 Nov 2021 00:25
 Operator : SY/MD
 Sample : M4616-08
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG1Y1

Quant Time: Nov 13 02:00:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 13 01:39:11 2021
 Response via : Initial Calibration

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

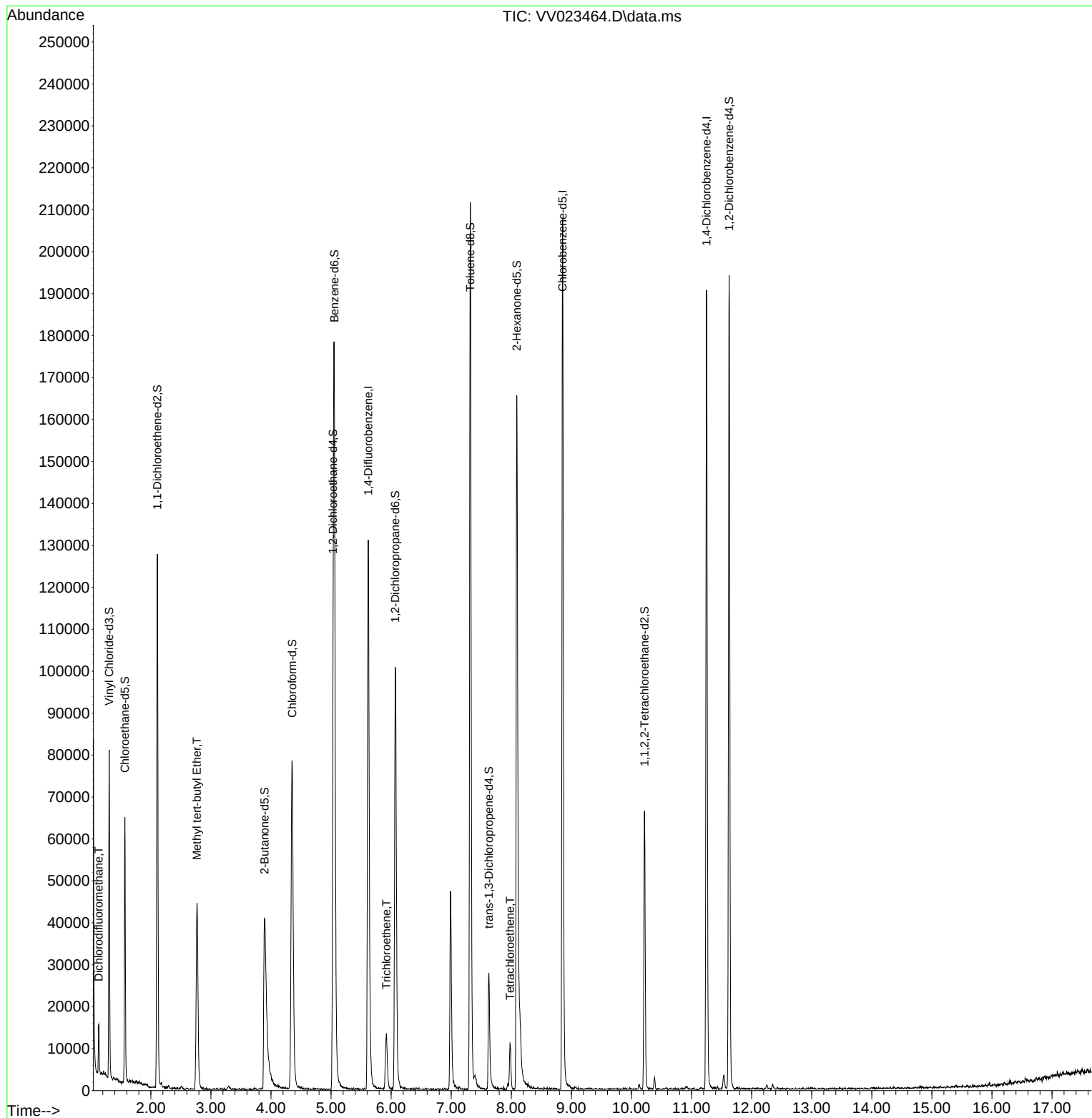
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	116488	5.000	ug/L	-0.02
28) Chlorobenzene-d5	8.853	117	117189	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	51219	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	49501	6.783	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 135.600%#	
7) Chloroethane-d5	1.568	69	36225	6.091	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 121.800%	
11) 1,1-Dichloroethene-d2	2.108	63	63937	4.680	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	= 93.600%	
20) 2-Butanone-d5	3.892	46	79060	62.884	ug/L	-0.10
Spiked Amount	50.000	Range	40 - 130	Recovery	= 125.760%	
24) Chloroform-d	4.352	84	81064	5.212	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 104.200%	
26) 1,2-Dichloroethane-d4	5.034	65	40584	5.803	ug/L	-0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	= 116.000%	
32) Benzene-d6	5.053	84	164406	5.468	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 109.400%	
36) 1,2-Dichloropropane-d6	6.069	67	47894	5.411	ug/L	-0.03
Spiked Amount	5.000	Range	60 - 140	Recovery	= 108.200%	
41) Toluene-d8	7.317	98	139532	4.952	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 99.000%	
43) trans-1,3-Dichloroprop...	7.625	79	16456	4.903	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 98.000%	
46) 2-Hexanone-d5	8.091	63	52011	42.119	ug/L	-0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	= 84.240%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	30741	4.829	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 96.600%	
66) 1,2-Dichlorobenzene-d4	11.625	152	52078	6.106	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 122.200%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	2056	0.181	ug/L	# 83
17) Methyl tert-butyl Ether	2.767	73	43481	2.844	ug/L	98
34) Trichloroethene	5.921	95	3942	0.453	ug/L	92
47) Tetrachloroethene	7.982	164	2457	0.325	ug/L	96

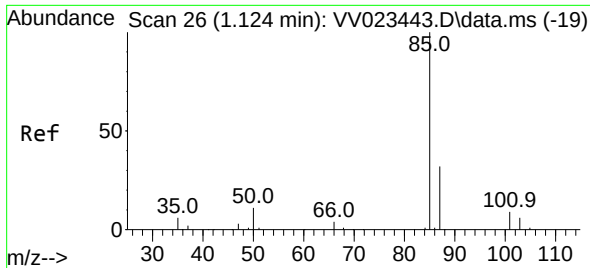
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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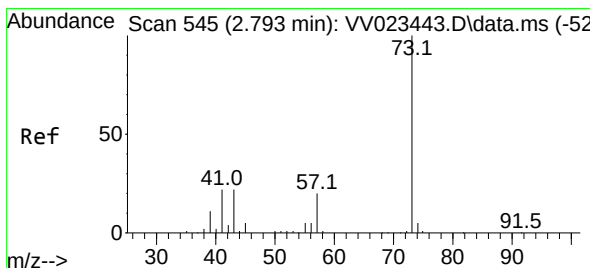
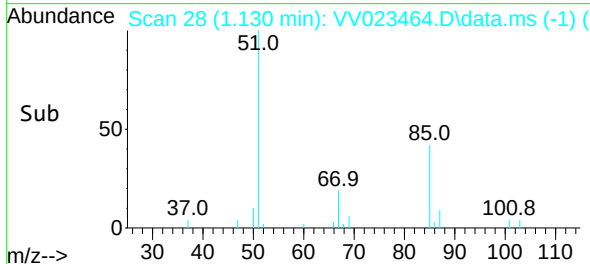
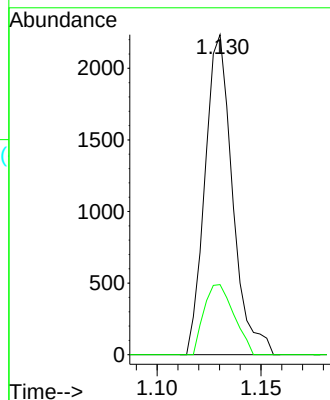
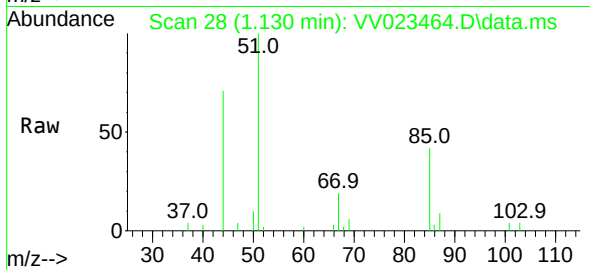




#2
 Dichlorodifluoromethane
 Concen: 0.181 ug/L
 RT: 1.130 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VV023464.D
 Acq: 13 Nov 2021 00:25

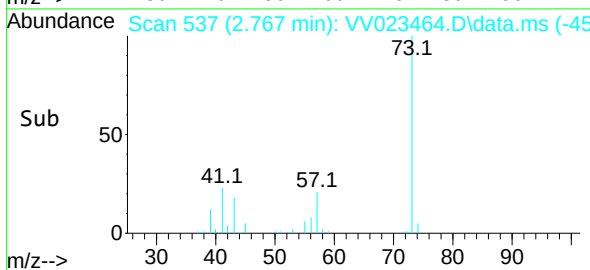
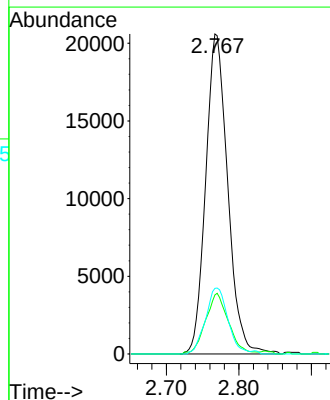
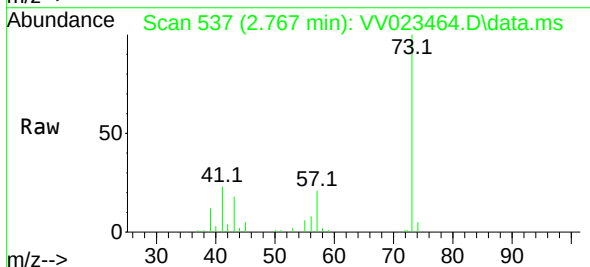
Instrument :
 MSVOA_V
 ClientSampleId :
 BG1Y1

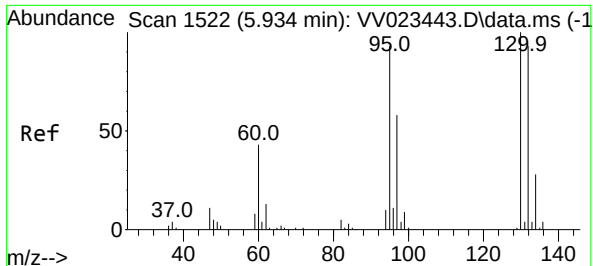
Tgt Ion: 85 Resp: 2056
 Ion Ratio Lower Upper
 85 100
 87 23.7 26.6 39.8#



#17
 Methyl tert-butyl Ether
 Concen: 2.844 ug/L
 RT: 2.767 min Scan# 537
 Delta R.T. -0.026 min
 Lab File: VV023464.D
 Acq: 13 Nov 2021 00:25

Tgt Ion: 73 Resp: 43481
 Ion Ratio Lower Upper
 73 100
 43 19.7 17.4 26.0
 57 20.8 16.5 24.7



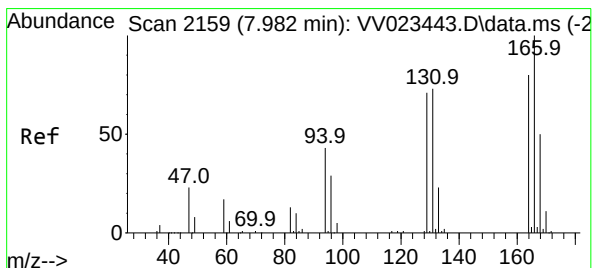
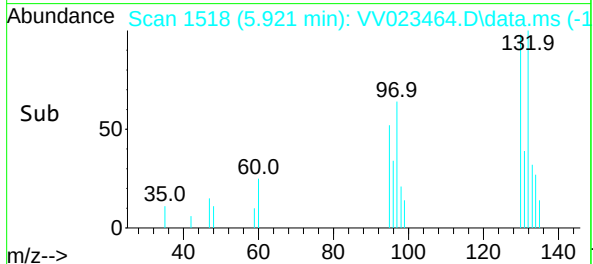
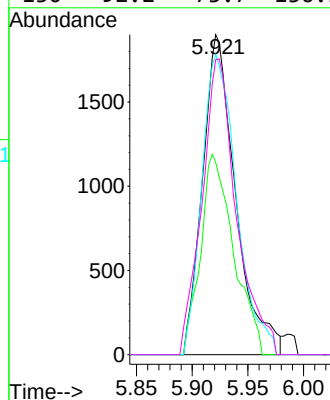
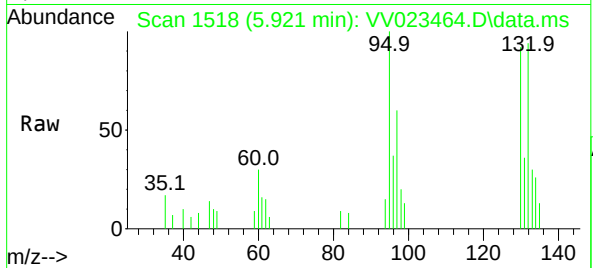


#34
Trichloroethene
Concen: 0.453 ug/L
RT: 5.921 min Scan# 11
Delta R.T. -0.013 min
Lab File: VV023464.D
Acq: 13 Nov 2021 00:25

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Tgt Ion: 95 Resp: 3942

Ion	Ratio	Lower	Upper
95	100		
97	60.1	45.0	83.6
132	93.8	69.7	129.4
130	92.2	73.7	136.9



#47
Tetrachloroethene
Concen: 0.325 ug/L
RT: 7.982 min Scan# 2159
Delta R.T. -0.000 min
Lab File: VV023464.D
Acq: 13 Nov 2021 00:25

Tgt Ion: 164 Resp: 2457

Ion	Ratio	Lower	Upper
164	100		
129	88.8	64.0	119.0
131	87.3	63.4	117.8
166	132.8	89.3	165.9

