

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV110521\
 Data File : VV023236.D
 Acq On : 05 Nov 2021 16:47
 Operator : SY/MD
 Sample : M4535-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4620

Quant Time: Nov 09 03:18:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 09 02:04:24 2021
 Response via : Initial Calibration

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

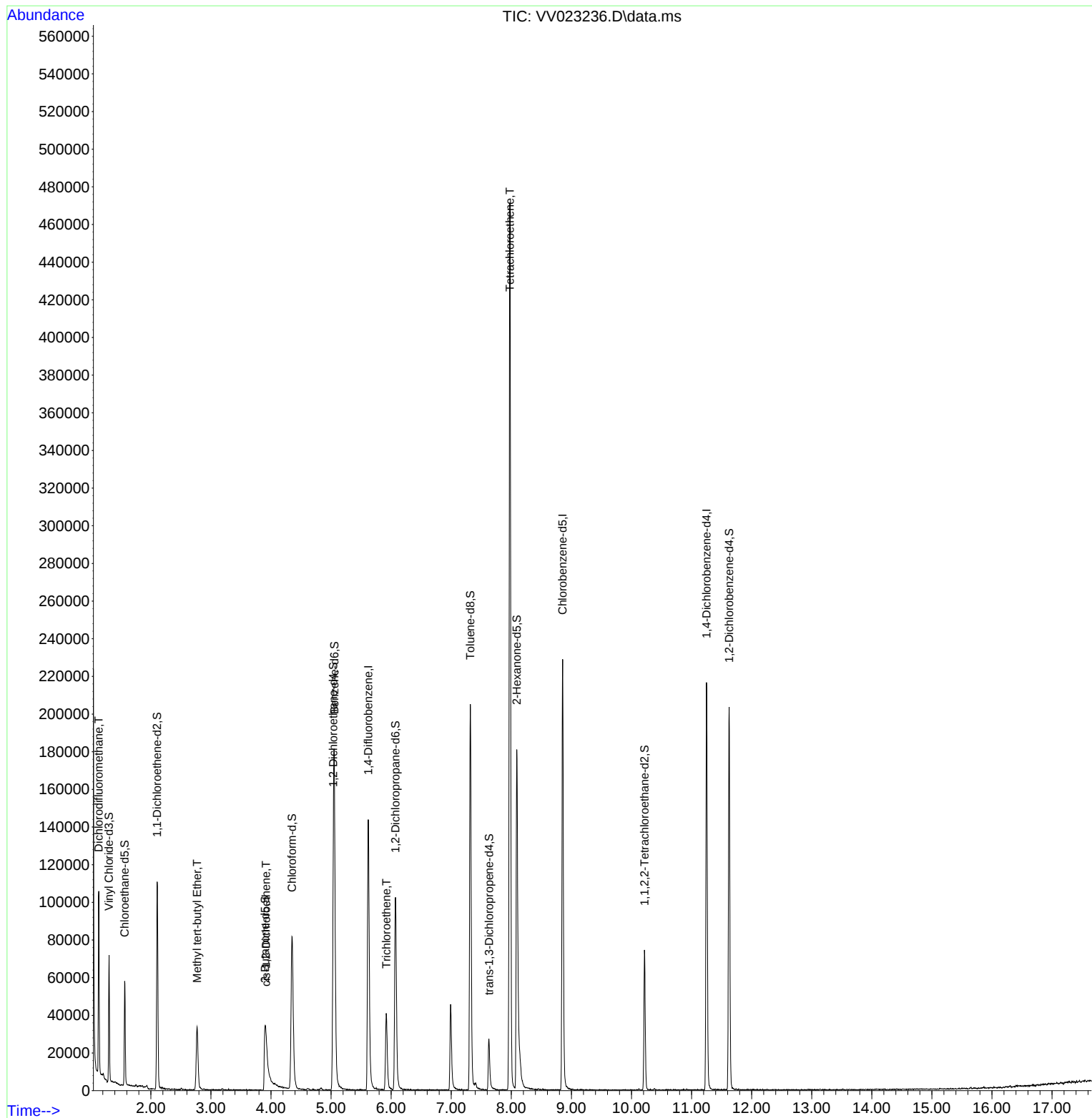
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	126177	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	128618	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	58960	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	39750	5.029	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	100.600%	
7) Chloroethane-d5	1.564	69	32784	5.089	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	101.800%	
11) 1,1-Dichloroethene-d2	2.105	63	56192	3.797	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	76.000%	
20) 2-Butanone-d5	3.899	46	71713	52.660	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	105.320%	
24) Chloroform-d	4.349	84	85389	5.069	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.400%	
26) 1,2-Dichloroethane-d4	5.037	65	41711	5.506	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	110.200%	
32) Benzene-d6	5.053	84	165228	5.007	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.200%	
36) 1,2-Dichloropropane-d6	6.072	67	49493	5.095	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	101.800%	
41) Toluene-d8	7.317	98	140345	4.538	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.800%	
43) trans-1,3-Dichloroprop...	7.628	79	16537	4.489	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	89.800%	
46) 2-Hexanone-d5	8.091	63	67222	49.600	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	99.200%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	33296	4.766	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	95.400%	
66) 1,2-Dichlorobenzene-d4	11.625	152	54345	5.535	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	110.800%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	1506	0.122	ug/L	98
17) Methyl tert-butyl Ether	2.770	73	32233	1.946	ug/L	97
22) cis-1,2-Dichloroethene	3.915	96	2812	0.316	ug/L #	81
34) Trichloroethene	5.918	95	14893	1.558	ug/L	99
47) Tetrachloroethene	7.976	164	107258	12.946	ug/L	99

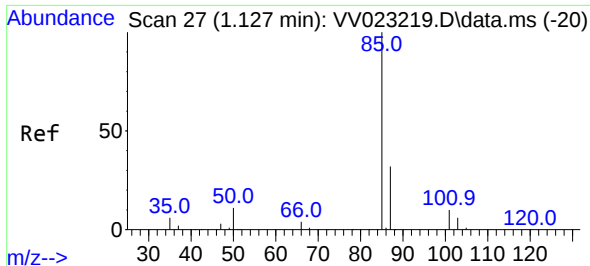
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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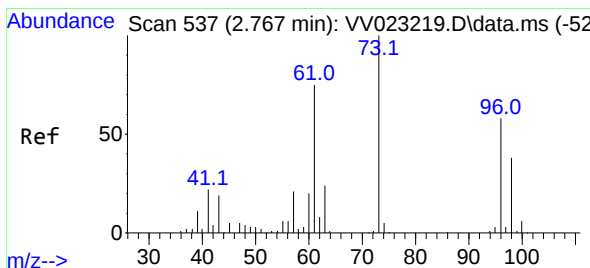
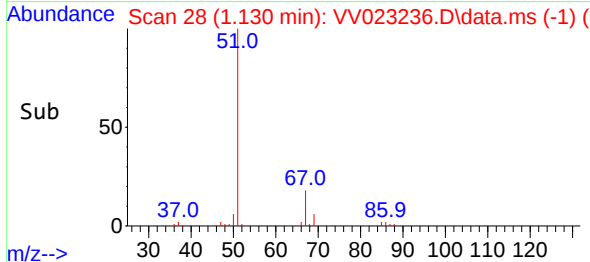
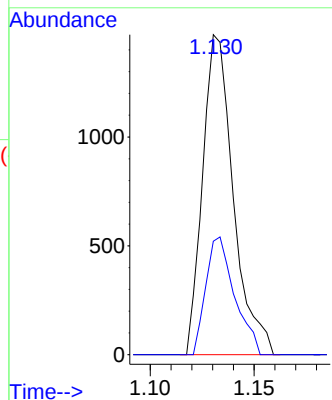
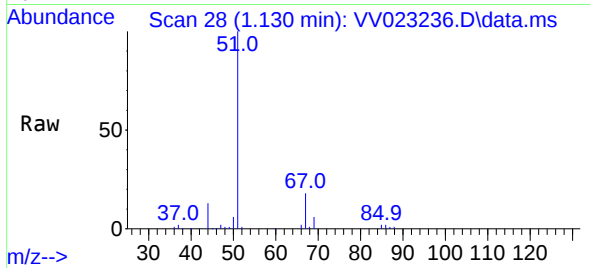




#2
 Dichlorodifluoromethane
 Concen: 0.122 ug/L
 RT: 1.130 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV023236.D
 Acq: 05 Nov 2021 16:47

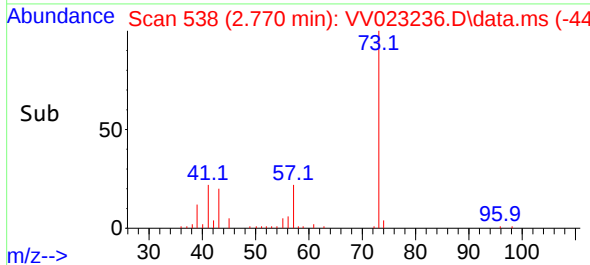
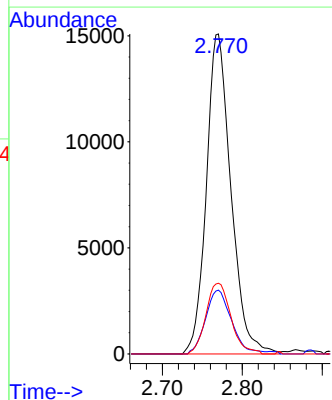
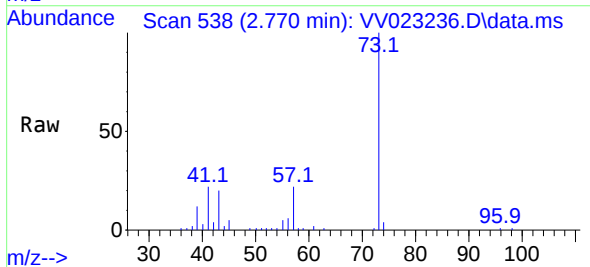
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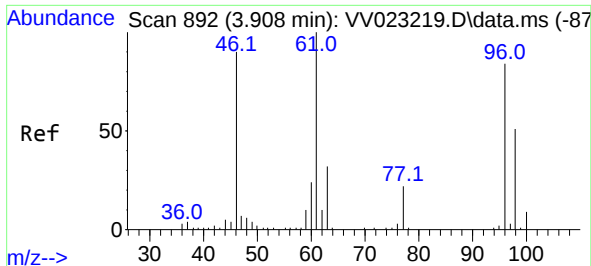
Tgt Ion: 85 Resp: 1506
 Ion Ratio Lower Upper
 85 100
 87 34.5 26.6 39.8



#17
 Methyl tert-butyl Ether
 Concen: 1.946 ug/L
 RT: 2.770 min Scan# 538
 Delta R.T. 0.003 min
 Lab File: VV023236.D
 Acq: 05 Nov 2021 16:47

Tgt Ion: 73 Resp: 32233
 Ion Ratio Lower Upper
 73 100
 43 21.0 17.4 26.0
 57 22.5 16.5 24.7

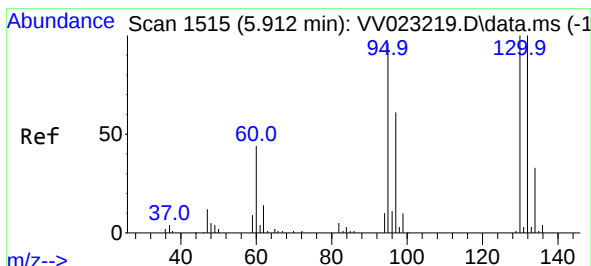
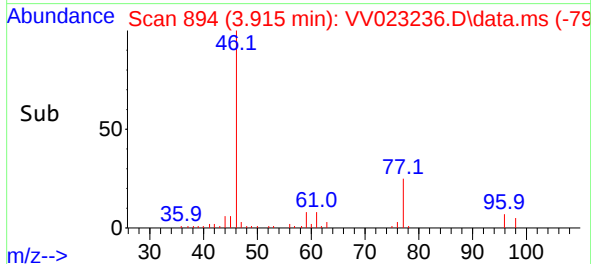
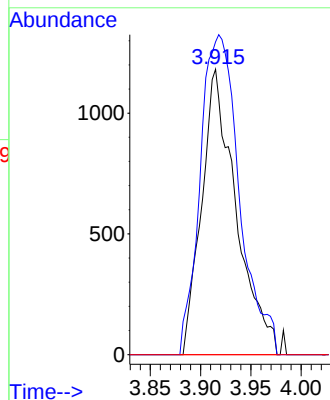
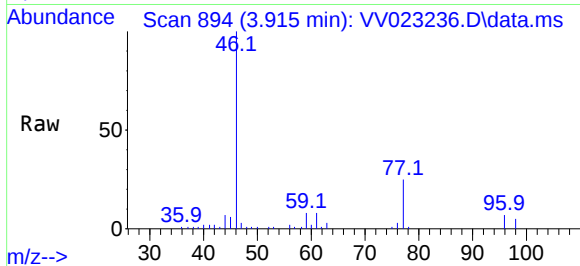




#22
 cis-1,2-Dichloroethene
 Concen: 0.316 ug/L
 RT: 3.915 min Scan# 894
 Delta R.T. 0.006 min
 Lab File: VV023236.D
 Acq: 05 Nov 2021 16:47

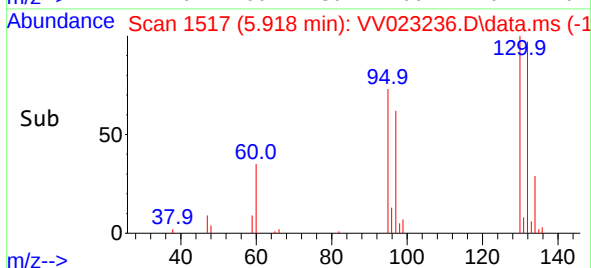
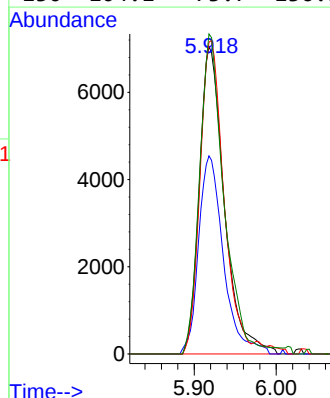
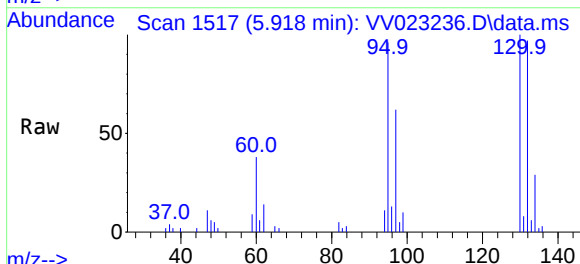
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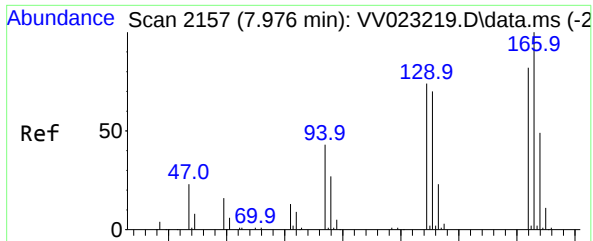
Tgt Ion: 96 Resp: 2812
 Ion Ratio Lower Upper
 96 100
 61 109.6 92.3 171.3
 68 0.0 0.4 0.8#



#34
 Trichloroethene
 Concen: 1.558 ug/L
 RT: 5.918 min Scan# 1517
 Delta R.T. 0.006 min
 Lab File: VV023236.D
 Acq: 05 Nov 2021 16:47

Tgt Ion: 95 Resp: 14893
 Ion Ratio Lower Upper
 95 100
 97 64.5 45.0 83.6
 132 101.5 69.7 129.4
 130 104.1 73.7 136.9





#47
 Tetrachloroethene
 Concen: 12.946 ug/L
 RT: 7.976 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV023236.D
 Acq: 05 Nov 2021 16:47

Instrument :
 MSVOA_V
 ClientSampleId :
 H4620

Tgt Ion:164 Resp: 107258

Ion	Ratio	Lower	Upper
164	100		
129	92.3	64.0	119.0
131	89.3	63.4	117.8
166	126.7	89.3	165.9

