

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060623\
 Data File : VX036032.D
 Acq On : 06 Jun 2023 15:01
 Operator : JC/MD
 Sample : 02991-02 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 F6C05

Quant Time: Jun 07 05:55:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML060623WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 07 05:37:48 2023
 Response via : Initial Calibration

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

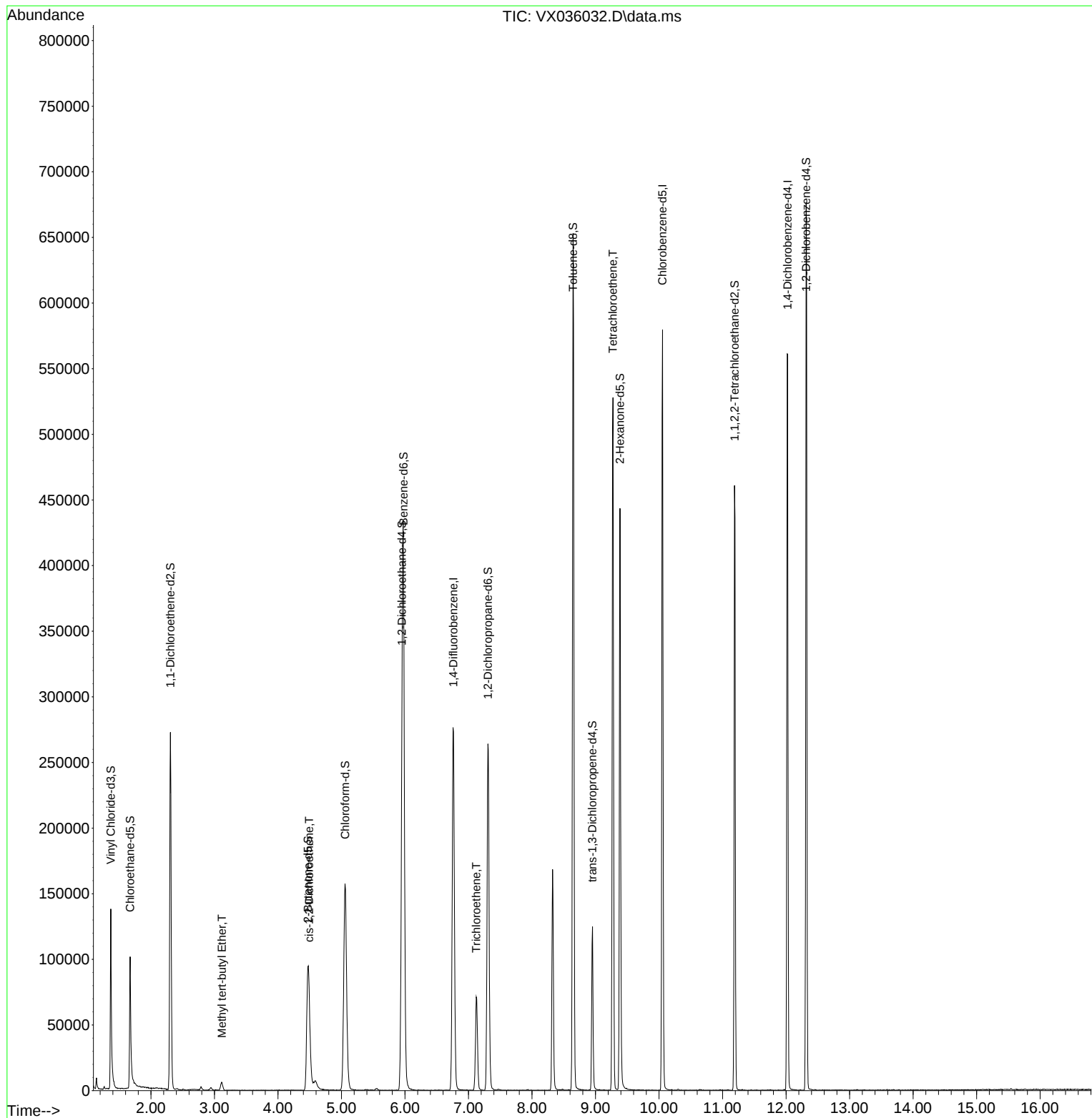
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	274870	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	239103	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	108081	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	100237	53.674	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 107.340%	
7) Chloroethane-d5	1.672	69	78573	54.860	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 109.720%	
11) 1,1-Dichloroethene-d2	2.306	65	50191	53.008	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 106.020%	
21) 2-Butanone-d5	4.471	46	175215	114.465	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 114.460%	
24) Chloroform-d	5.056	84	201913	51.850	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 103.700%	
26) 1,2-Dichloroethane-d4	5.952	65	148501	52.260	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 104.520%	
32) Benzene-d6	5.976	84	419126	58.271	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 116.540%	
36) 1,2-Dichloropropane-d6	7.305	67	129722	58.024	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 116.040%	
41) Toluene-d8	8.647	98	360309	54.426	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 108.860%	
43) trans-1,3-Dichloroprop...	8.951	79	55174	51.412	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 102.820%	
47) 2-Hexanone-d5	9.384	63	121934	122.483	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 122.480%	
56) 1,1,2,2-Tetrachloroeth...	11.189	84	167994	55.013	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 110.020%	
66) 1,2-Dichlorobenzene-d4	12.317	152	123891	59.041	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 118.080%	
Target Compounds						Qvalue
18) Methyl tert-butyl Ether	3.117	73	6218	0.893	ug/L	95
20) cis-1,2-Dichloroethene	4.489	96	10993	4.896	ug/L	90
34) Trichloroethene	7.123	95	27494	12.815	ug/L	97
46) Tetrachloroethene	9.275	164	91386	60.911	ug/L	98

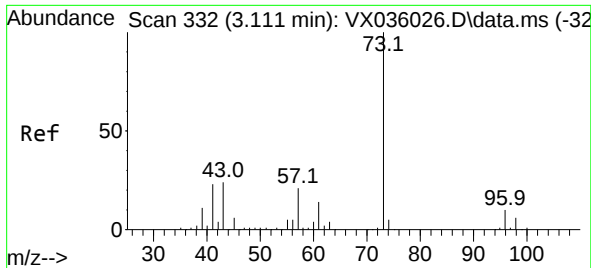
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jun 07 05:37:48 2023
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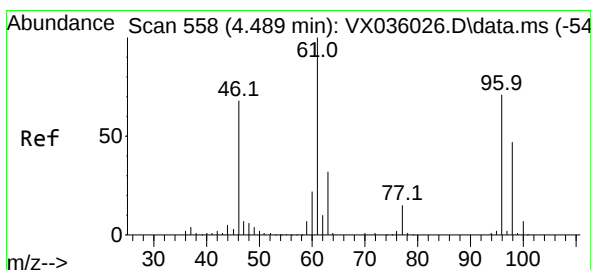
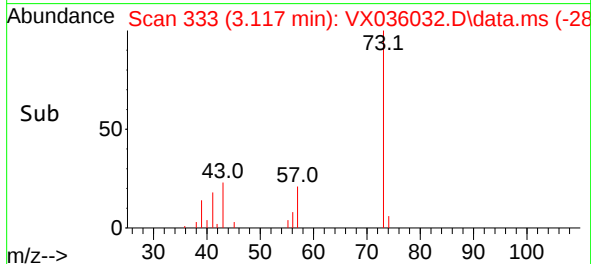
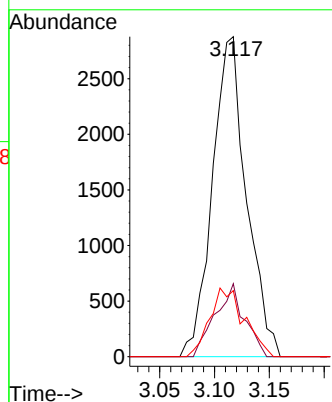
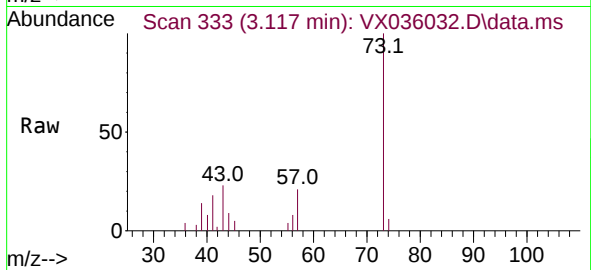




#18
Methyl tert-butyl Ether
Concen: 0.893 ug/L
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX036032.D
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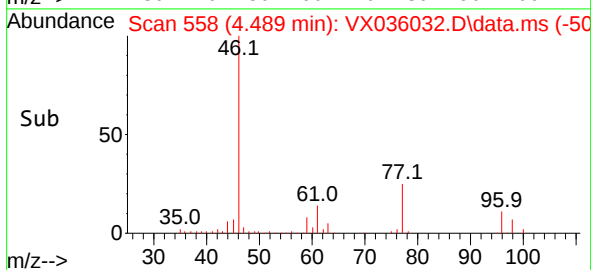
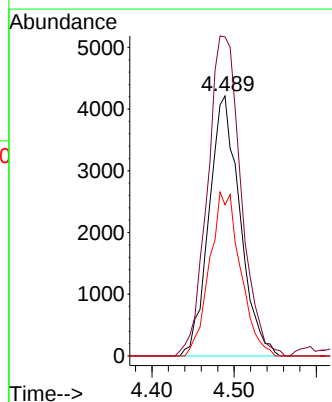
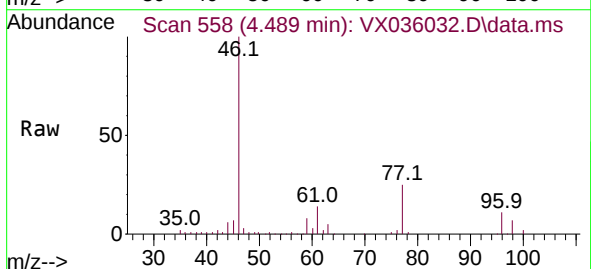
Instrument :
MSVOA_X
ClientSampleId :
F6C05

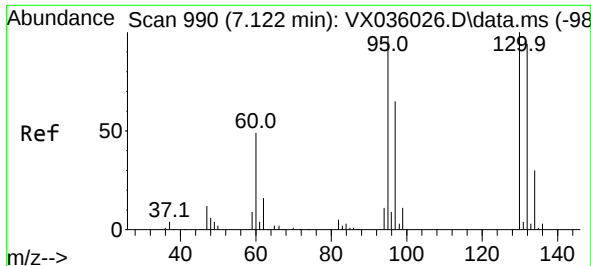
Tgt Ion: 73 Resp: 6218
Ion Ratio Lower Upper
73 100
43 19.6 19.4 29.0
57 21.9 17.5 26.3



#20
cis-1,2-Dichloroethene
Concen: 4.896 ug/L
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX036032.D
Acq: 06 Jun 2023 15:01

Tgt Ion: 96 Resp: 10993
Ion Ratio Lower Upper
96 100
61 122.7 94.7 175.9
98 58.1 45.4 84.4



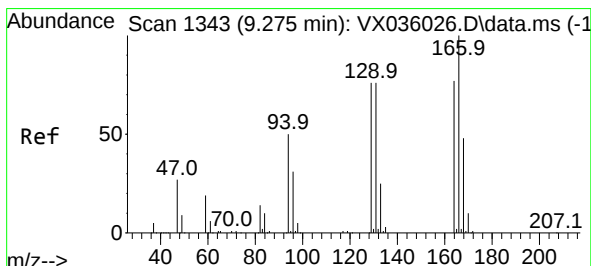
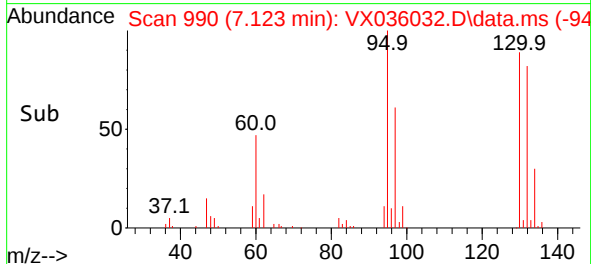
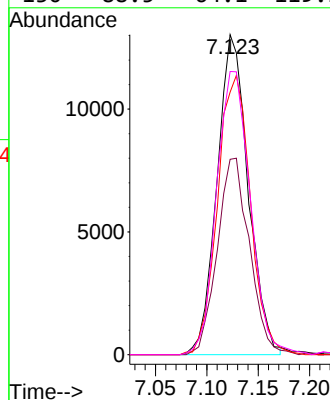
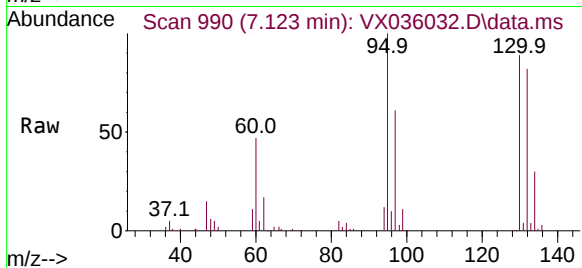


#34
Trichloroethene
Concen: 12.815 ug/L
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX036032.D
Acq: 06 Jun 2023 15:01

Instrument :
MSVOA_X
ClientSampleId :
F6C05

Tgt Ion: 95 Resp: 27494

Ion	Ratio	Lower	Upper
95	100		
97	61.0	43.6	81.0
132	82.0	59.9	111.3
130	88.5	64.1	119.1



#46
Tetrachloroethene
Concen: 60.911 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX036032.D
Acq: 06 Jun 2023 15:01

Tgt Ion: 164 Resp: 91386

Ion	Ratio	Lower	Upper
164	100		
129	101.9	74.8	139.0
131	97.6	68.9	127.9
166	125.2	86.8	161.2

