

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060623\
 Data File : VX036033.D
 Acq On : 06 Jun 2023 15:24
 Operator : JC/MD
 Sample : 02991-03 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 F6C06

Quant Time: Jun 07 05:55:33 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)

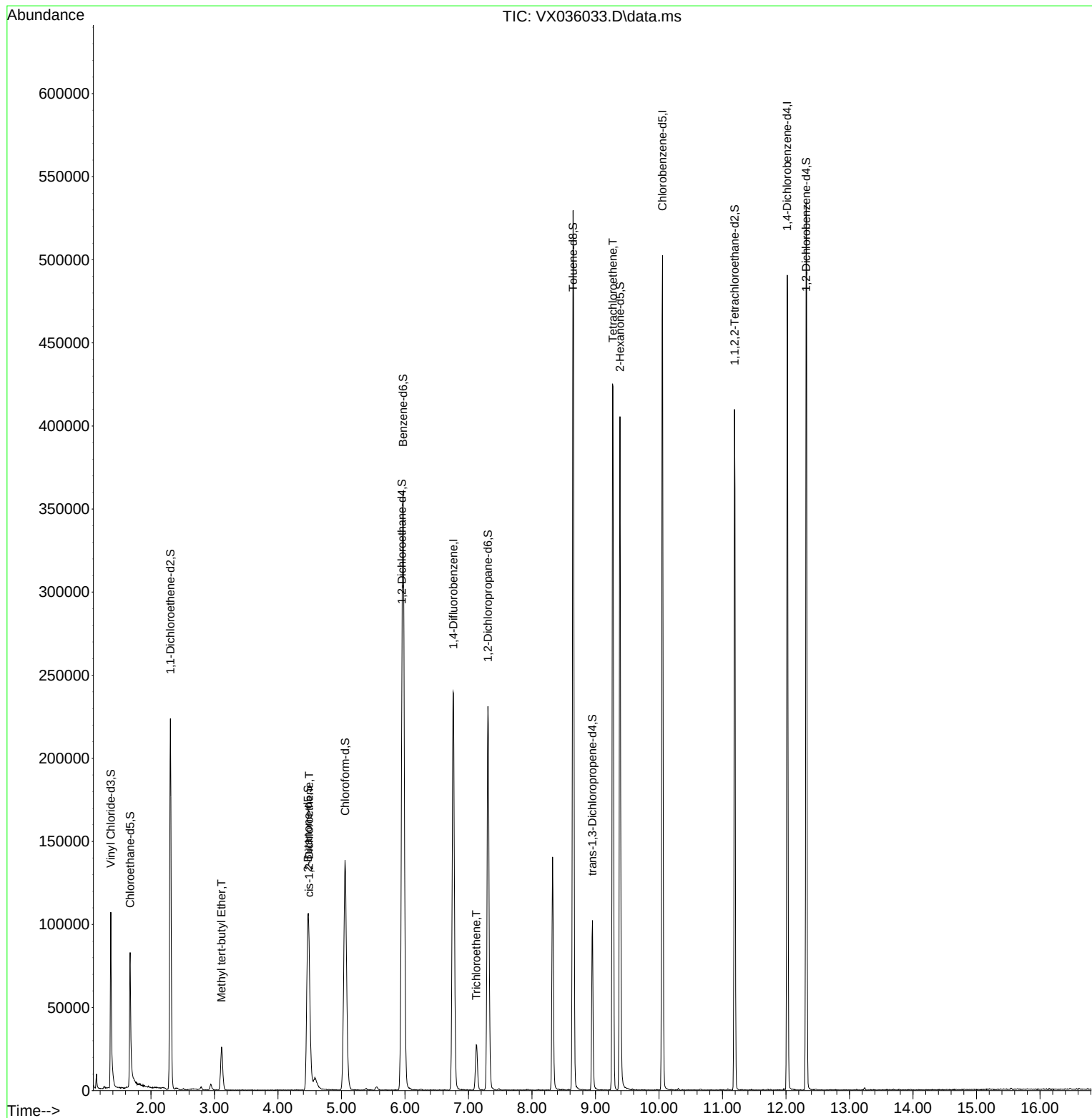
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	231959	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	211549	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	92810	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	82726	52.492	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 104.980%	
7) Chloroethane-d5	1.673	69	65505	54.197	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 108.400%	
11) 1,1-Dichloroethene-d2	2.307	65	41540	51.987	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 103.980%	
21) 2-Butanone-d5	4.471	46	164774	127.557	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 127.560%	
24) Chloroform-d	5.056	84	169801	51.670	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 103.340%	
26) 1,2-Dichloroethane-d4	5.952	65	133795	55.795	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 111.580%	
32) Benzene-d6	5.971	84	339249	53.309	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 106.620%	
36) 1,2-Dichloropropane-d6	7.306	67	106629	53.906	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 107.820%	
41) Toluene-d8	8.647	98	300550	51.312	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 102.620%	
43) trans-1,3-Dichloroprop...	8.952	79	45324	47.734	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 95.460%	
47) 2-Hexanone-d5	9.385	63	110400	125.341	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 125.340%	
56) 1,1,2,2-Tetrachloroeth...	11.189	84	147381	54.549	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 109.100%	
66) 1,2-Dichlorobenzene-d4	12.317	152	99407	55.167	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 110.340%	
Target Compounds						Qvalue
18) Methyl tert-butyl Ether	3.111	73	26733	4.550	ug/L	100
20) cis-1,2-Dichloroethene	4.489	96	20170	10.645	ug/L	94
34) Trichloroethene	7.123	95	10413	5.486	ug/L	94
46) Tetrachloroethene	9.275	164	74870	56.403	ug/L	96

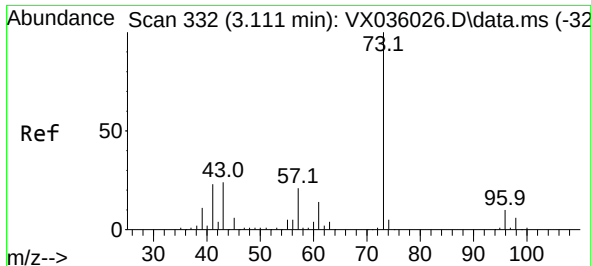
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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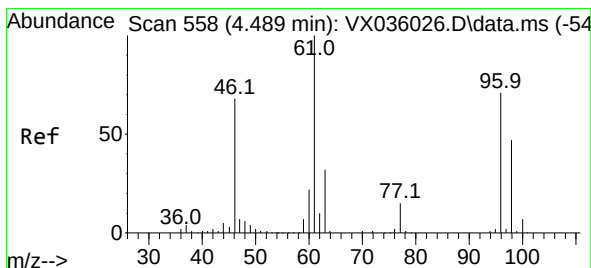
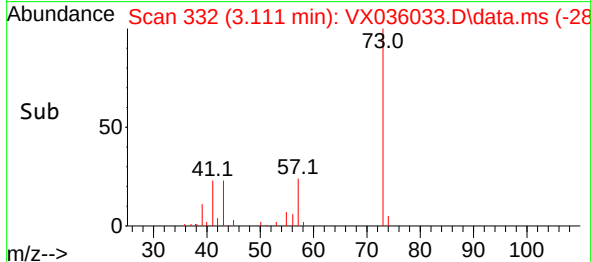
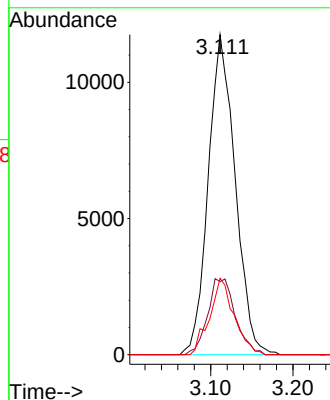
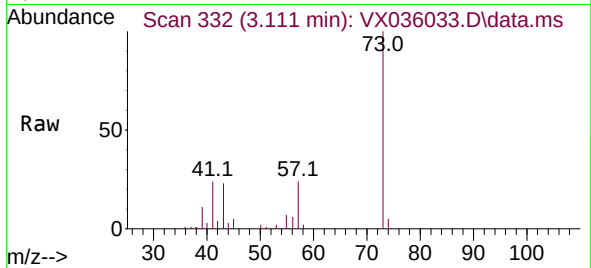




#18
Methyl tert-butyl Ether
Concen: 4.550 ug/L
RT: 3.111 min Scan# 31
Delta R.T. 0.000 min
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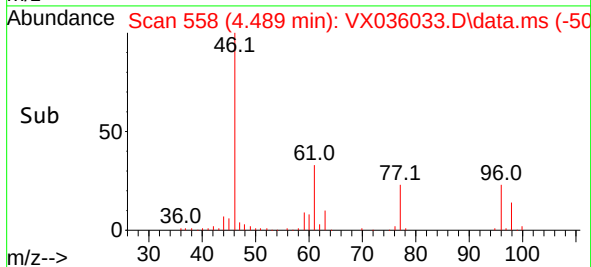
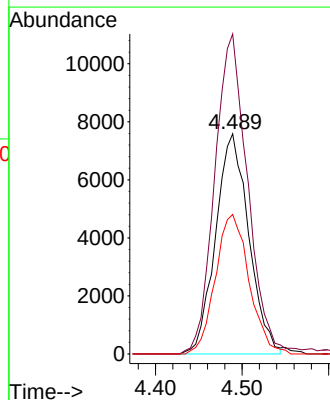
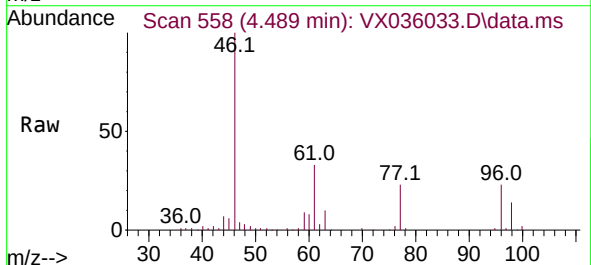
Instrument :
MSVOA_X
ClientSampleId :
F6C06

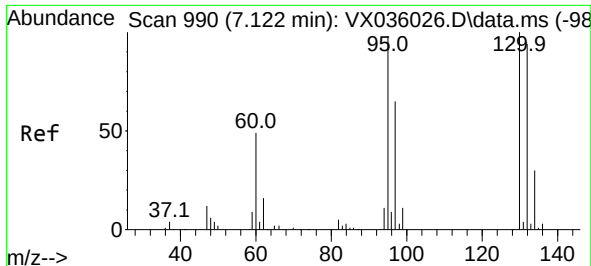
Tgt Ion: 73	Resp: 26733
Ion Ratio	Lower Upper
73 100	
43 24.3	19.4 29.0
57 21.9	17.5 26.3



#20
cis-1,2-Dichloroethene
Concen: 10.645 ug/L
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX036033.D
Acq: 06 Jun 2023 15:24

Tgt Ion: 96	Resp: 20170
Ion Ratio	Lower Upper
96 100	
61 145.3	94.7 175.9
98 63.4	45.4 84.4

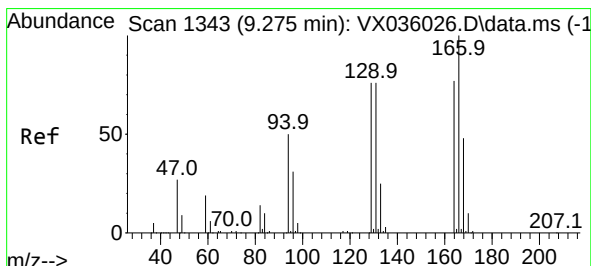
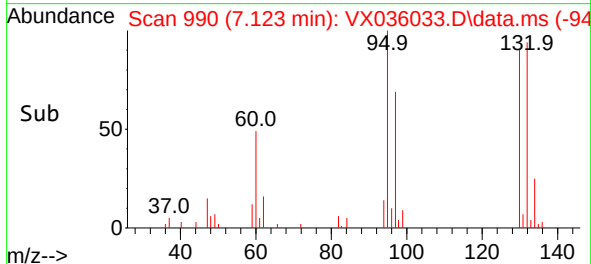
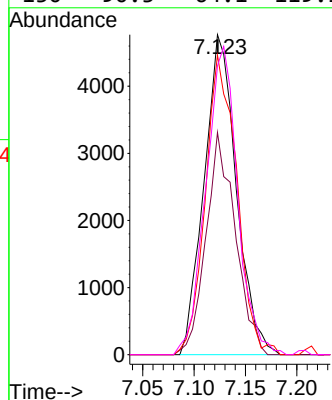
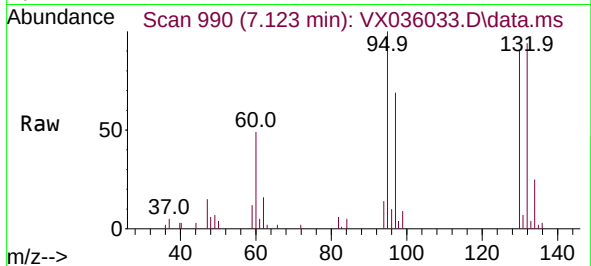




#34
Trichloroethene
Concen: 5.486 ug/L
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
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Instrument :
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Tgt Ion: 95	Resp: 10413
Ion Ratio	Lower Upper
95 100	
97 69.4	43.6 81.0
132 93.6	59.9 111.3
130 90.3	64.1 119.1



#46
Tetrachloroethene
Concen: 56.403 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX036033.D
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Tgt Ion:164	Resp: 74870		
Ion	Ratio	Lower	Upper
164	100		
129	98.7	74.8	139.0
131	97.6	68.9	127.9
166	128.6	86.8	161.2

