

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060623\
 Data File : VX036030.D
 Acq On : 06 Jun 2023 14:14
 Operator : JC/MD
 Sample : 02991-11 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 F6C24

Quant Time: Jun 07 05:54:51 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)

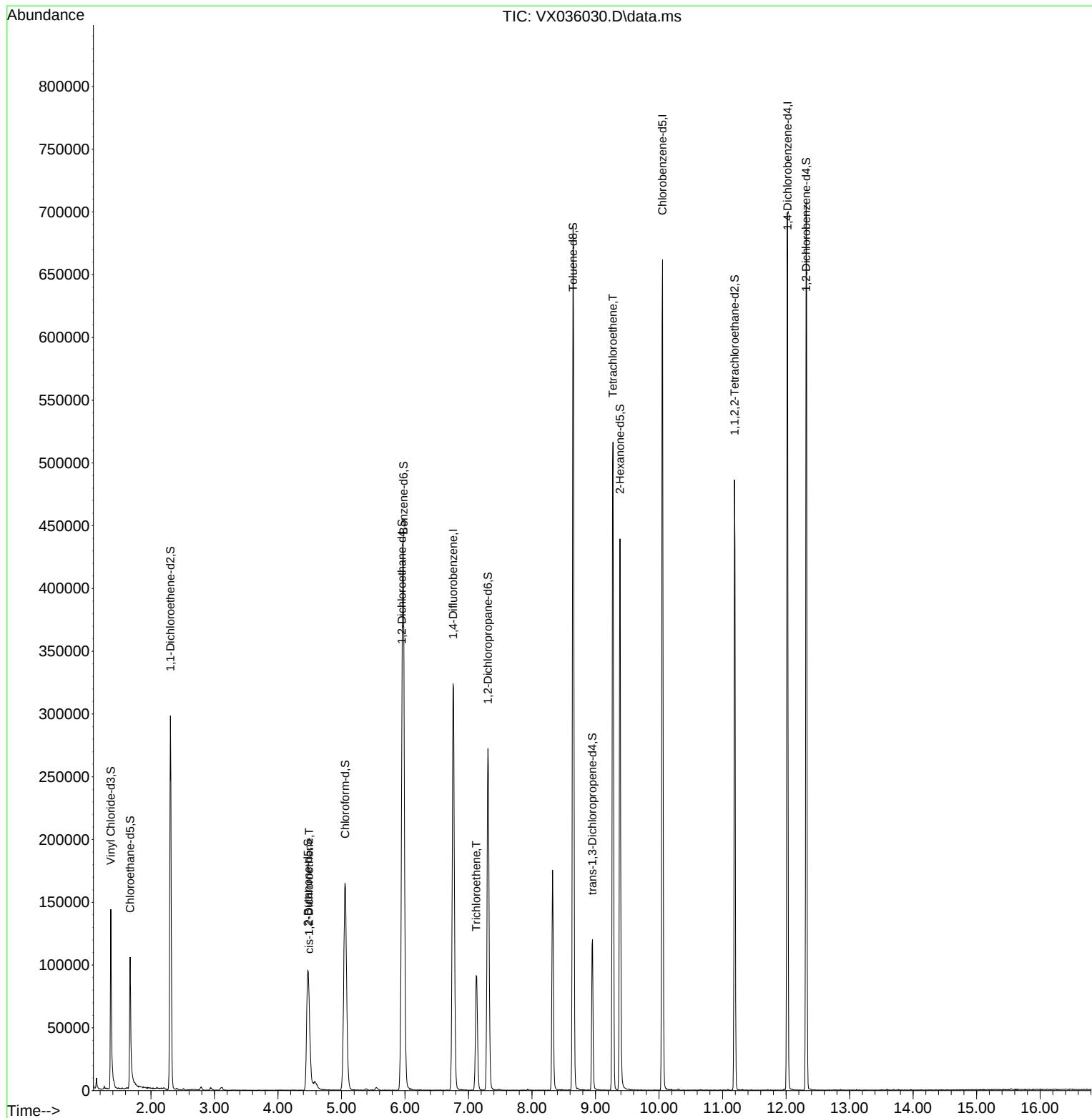
Internal Standards							
1) 1,4-Difluorobenzene		6.757	114	316935	50.000	ug/L	0.00
28) Chlorobenzene-d5		10.055	117	287919	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		12.024	152	138379	50.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		1.368	65	108472	50.375	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.740%	
7) Chloroethane-d5		1.672	69	82134	49.735	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.460%	
11) 1,1-Dichloroethene-d2		2.306	65	54498	49.917	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.840%	
21) 2-Butanone-d5		4.471	46	176834	100.190	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.190%	
24) Chloroform-d		5.056	84	208044	46.333	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.660%	
26) 1,2-Dichloroethane-d4		5.952	65	157007	47.920	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.840%	
32) Benzene-d6		5.976	84	420226	48.518	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.040%	
36) 1,2-Dichloropropane-d6		7.305	67	134404	49.925	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.840%	
41) Toluene-d8		8.647	98	387737	48.639	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.280%	
43) trans-1,3-Dichloroprop...		8.952	79	57056	44.151	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.300%	
47) 2-Hexanone-d5		9.384	63	124128	103.546	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.550%	
56) 1,1,2,2-Tetrachloroeth...		11.189	84	176996	48.134	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.260%	
66) 1,2-Dichlorobenzene-d4		12.317	152	135019	50.256	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.520%	
Target Compounds							
20) cis-1,2-Dichloroethene		4.489	96	9473	3.659	ug/L	89
34) Trichloroethene		7.123	95	36537	14.142	ug/L	98
46) Tetrachloroethene		9.275	164	92927	51.437	ug/L	97

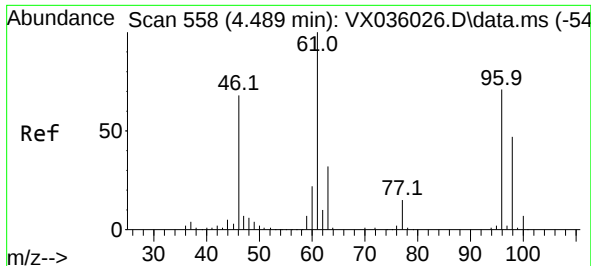
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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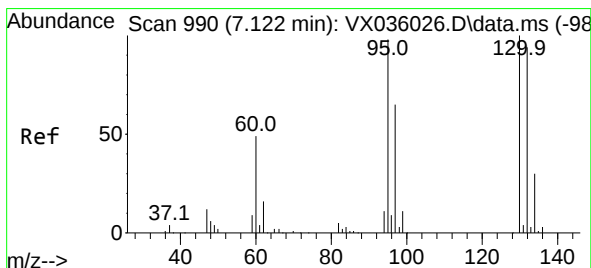
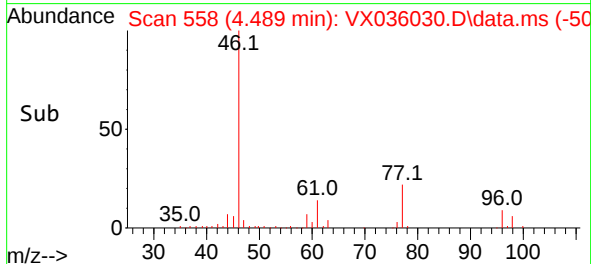
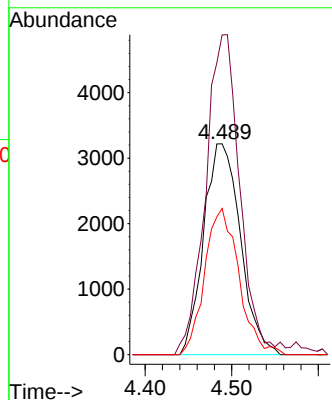
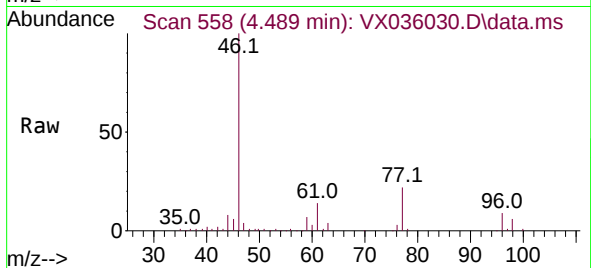




#20
 cis-1,2-Dichloroethene
 Concen: 3.659 ug/L
 RT: 4.489 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VX036030.D
 Acq: 06 Jun 2023 14:14

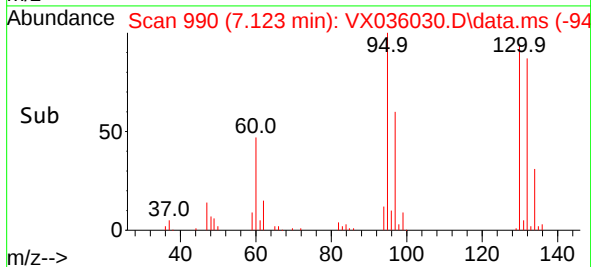
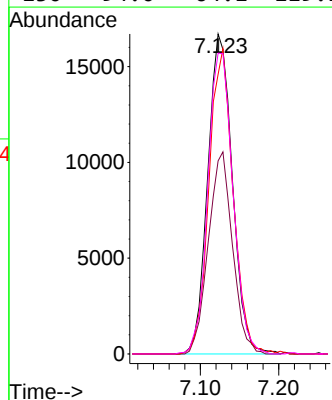
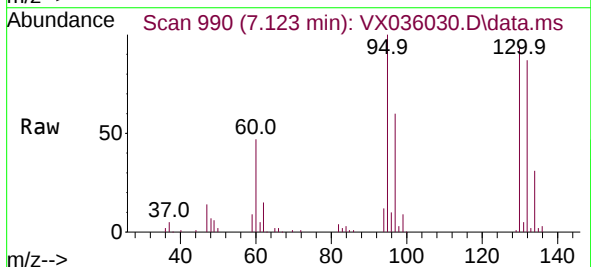
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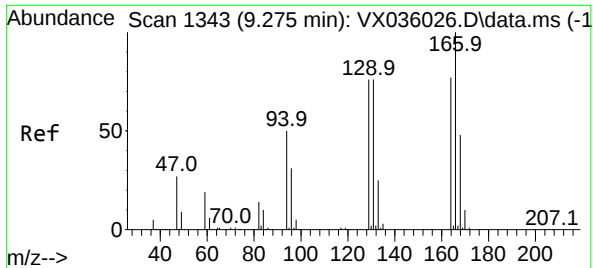
Tgt Ion: 96 Resp: 9473
 Ion Ratio Lower Upper
 96 100
 61 151.5 94.7 175.9
 98 69.3 45.4 84.4



#34
 Trichloroethene
 Concen: 14.142 ug/L
 RT: 7.123 min Scan# 990
 Delta R.T. 0.000 min
 Lab File: VX036030.D
 Acq: 06 Jun 2023 14:14

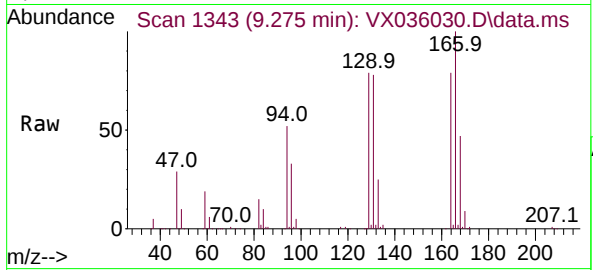
Tgt Ion: 95 Resp: 36537
 Ion Ratio Lower Upper
 95 100
 97 60.4 43.6 81.0
 132 87.4 59.9 111.3
 130 94.0 64.1 119.1





#46
 Tetrachloroethene
 Concen: 51.437 ug/L
 RT: 9.275 min Scan# 11
 Delta R.T. 0.000 min
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Tgt Ion:164 Resp: 92927

Ion	Ratio	Lower	Upper
164	100		
129	100.1	74.8	139.0
131	99.3	68.9	127.9
166	127.1	86.8	161.2

