

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060623\
 Data File : VX036031.D
 Acq On : 06 Jun 2023 14:37
 Operator : JC/MD
 Sample : 02991-01 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 F6C04

Quant Time: Jun 07 05:55:03 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)

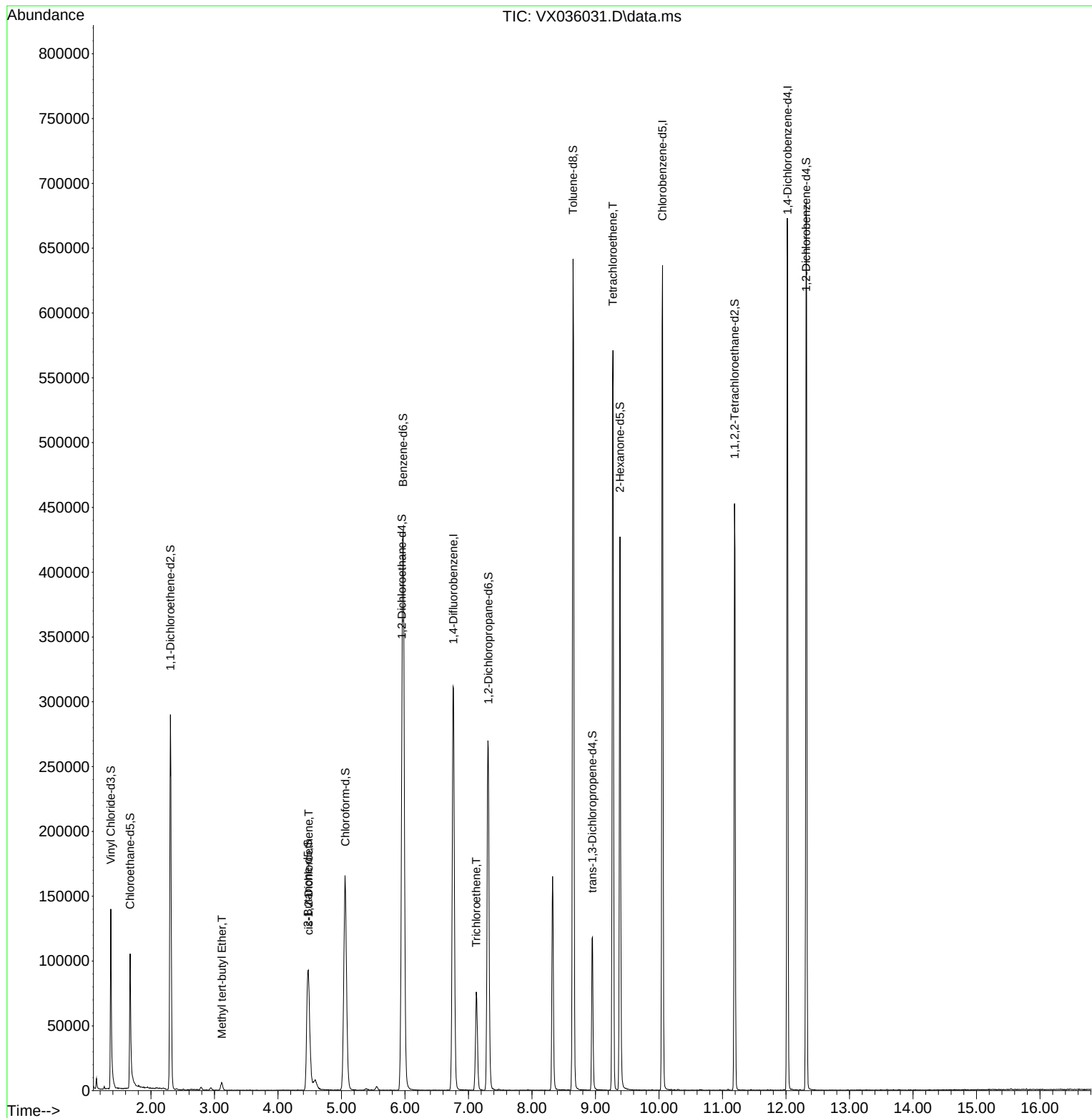
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	305787	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	267211	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	130998	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	102964	49.560	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.120%
7) Chloroethane-d5	1.673	69	79634	49.979	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.960%
11) 1,1-Dichloroethene-d2	2.307	65	52465	49.807	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.620%
21) 2-Butanone-d5	4.471	46	167182	98.174	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.170%
24) Chloroform-d	5.062	84	201981	46.623	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.240%
26) 1,2-Dichloroethane-d4	5.952	65	155293	49.125	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.240%
32) Benzene-d6	5.971	84	414544	51.571	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.140%
36) 1,2-Dichloropropane-d6	7.312	67	125884	50.384	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.760%
41) Toluene-d8	8.647	98	363183	49.089	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.180%
43) trans-1,3-Dichloroprop...	8.952	79	54751	45.651	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.300%
47) 2-Hexanone-d5	9.385	63	115603	103.908	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.910%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	172056	50.416	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.840%
66) 1,2-Dichlorobenzene-d4	12.317	152	130032	51.126	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.260%
Target Compounds						
					Qvalue	
18) Methyl tert-butyl Ether	3.117	73	5997	0.774	ug/L	97
20) cis-1,2-Dichloroethene	4.483	96	10537	4.218	ug/L	93
34) Trichloroethene	7.123	95	27957	11.660	ug/L	97
46) Tetrachloroethene	9.275	164	97612	58.217	ug/L	95

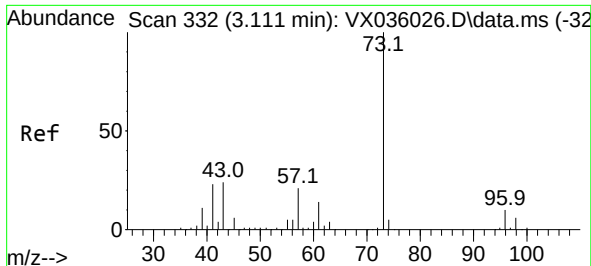
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060623\
Data File : VX036031.D
Acq On : 06 Jun 2023 14:37
Operator : JC/MD
Sample : 02991-01 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
F6C04

Quant Time: Jun 07 05:55:03 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

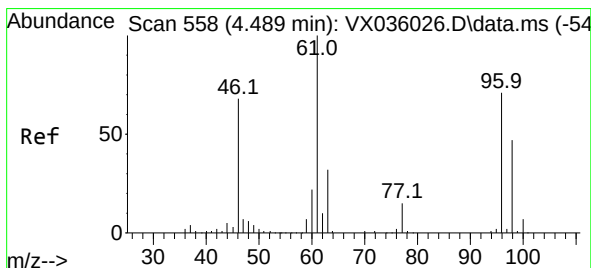
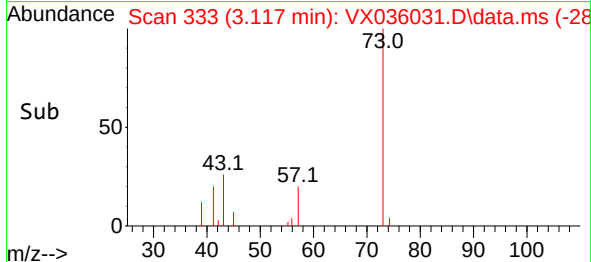
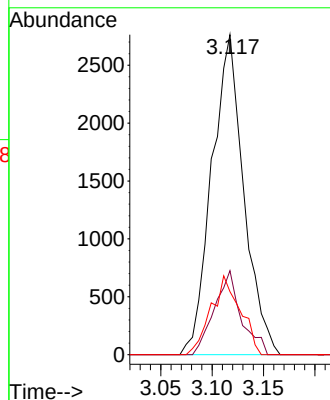
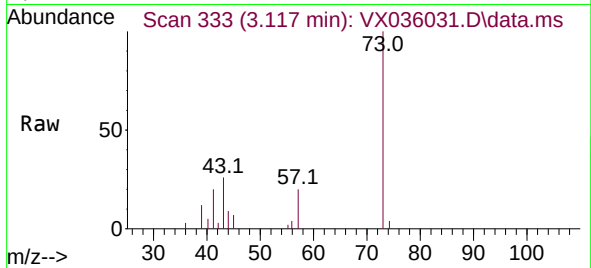




#18
Methyl tert-butyl Ether
Concen: 0.774 ug/L
RT: 3.117 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX036031.D
Acq: 06 Jun 2023 14:37

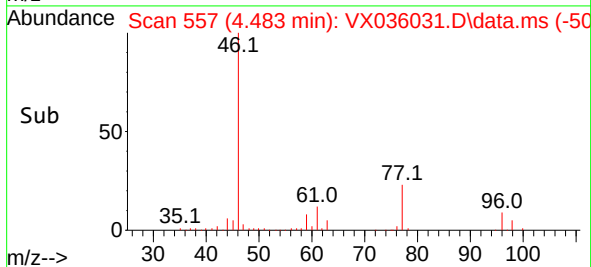
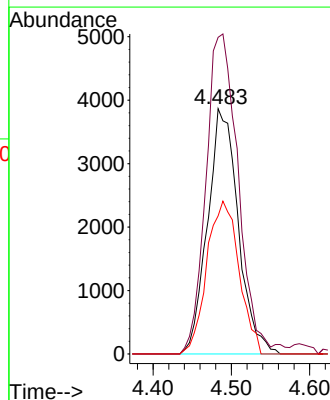
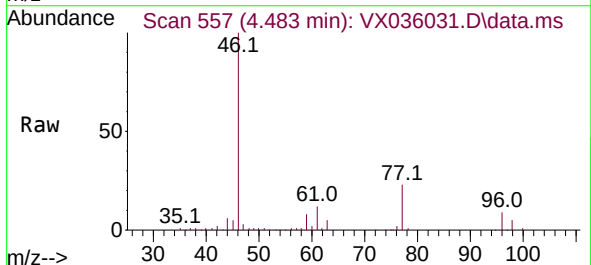
Instrument :
MSVOA_X
ClientSampleId :
F6C04

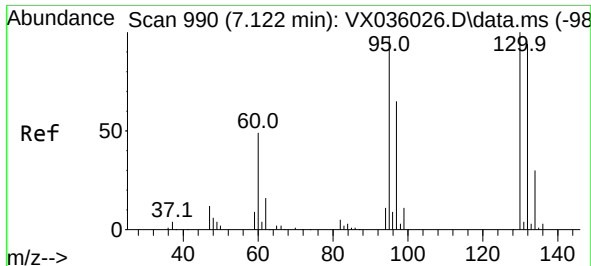
Tgt Ion: 73 Resp: 5997
Ion Ratio Lower Upper
73 100
43 21.9 19.4 29.0
57 22.6 17.5 26.3



#20
cis-1,2-Dichloroethene
Concen: 4.218 ug/L
RT: 4.483 min Scan# 557
Delta R.T. -0.006 min
Lab File: VX036031.D
Acq: 06 Jun 2023 14:37

Tgt Ion: 96 Resp: 10537
Ion Ratio Lower Upper
96 100
61 129.0 94.7 175.9
98 56.3 45.4 84.4



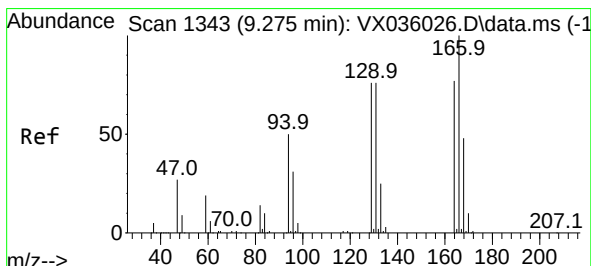
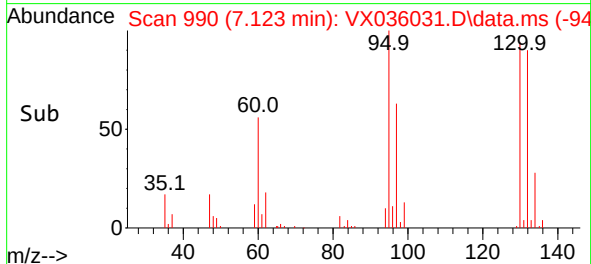
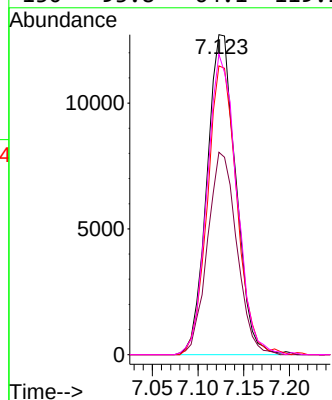
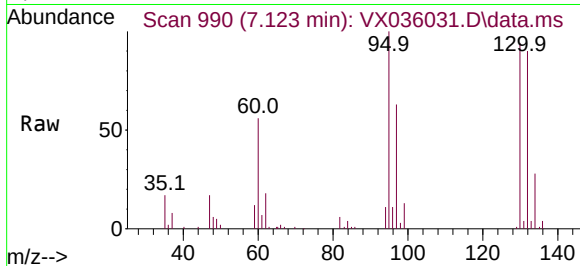


#34
Trichloroethene
Concen: 11.660 ug/L
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX036031.D
Acq: 06 Jun 2023 14:37

Instrument :
MSVOA_X
ClientSampleId :
F6C04

Tgt Ion: 95 Resp: 27957

Ion	Ratio	Lower	Upper
95	100		
97	63.2	43.6	81.0
132	90.3	59.9	111.3
130	93.8	64.1	119.1



#46
Tetrachloroethene
Concen: 58.217 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX036031.D
Acq: 06 Jun 2023 14:37

Tgt Ion: 164 Resp: 97612

Ion	Ratio	Lower	Upper
164	100		
129	108.3	74.8	139.0
131	103.1	68.9	127.9
166	134.3	86.8	161.2

