

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080622\
 Data File : VX030481.D
 Acq On : 06 Aug 2022 22:35
 Operator : JC/MD
 Sample : N4066-07DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 F5E27DL

Quant Time: Aug 07 05:59:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 06 02:08:42 2022
 Response via : Initial Calibration

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

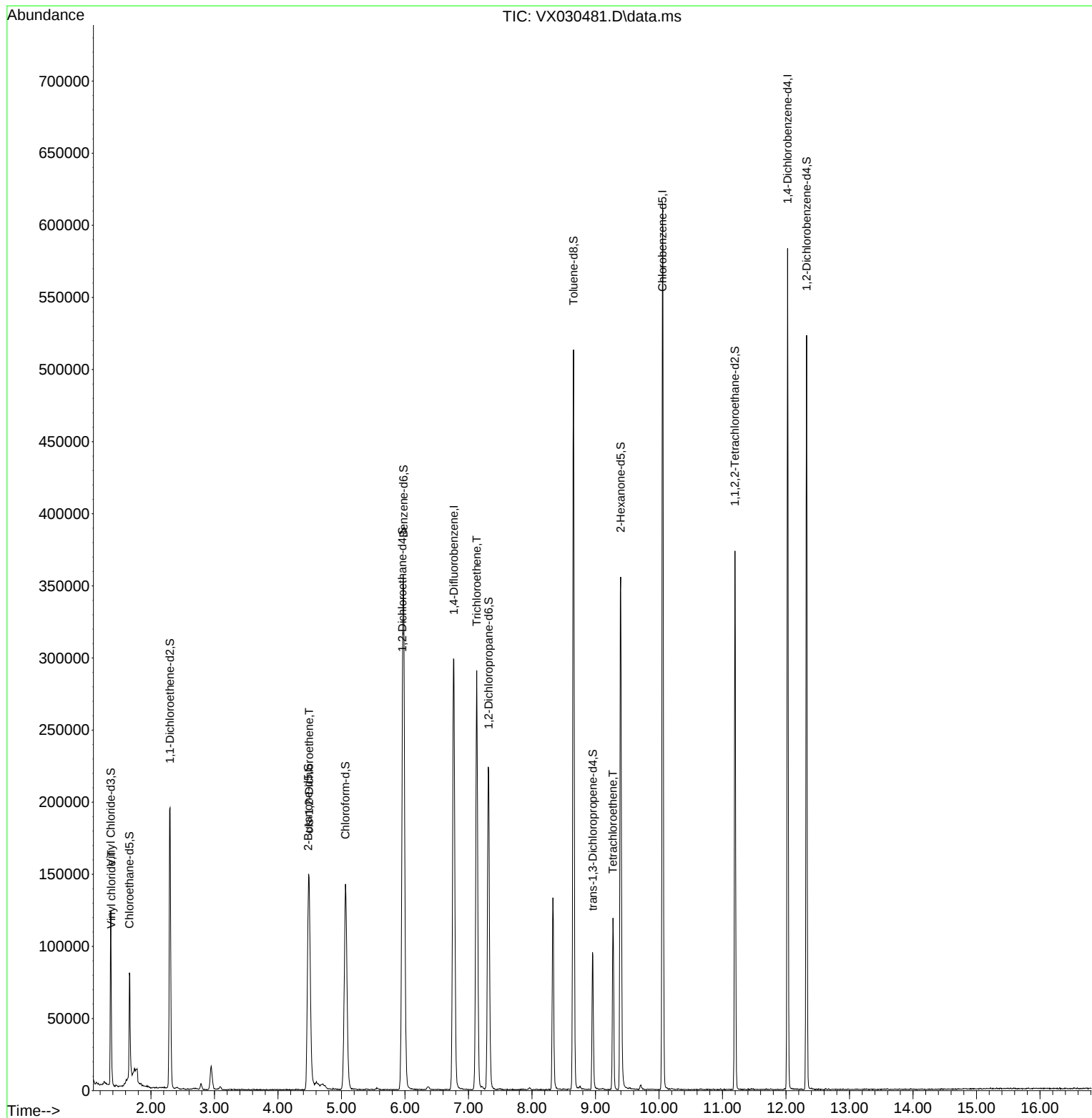
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	293538	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	264967	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	106672	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	76993	40.844	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.680%
7) Chloroethane-d5	1.660	69	42116	31.693	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	63.380%#
11) 1,1-Dichloroethene-d2	2.300	63	113449	31.816	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.640%
21) 2-Butanone-d5	4.477	46	174567	99.947	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.950%
24) Chloroform-d	5.062	84	168181	43.341	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.680%
26) 1,2-Dichloroethane-d4	5.958	65	121583	46.145	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.280%
32) Benzene-d6	5.977	84	331649	43.696	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.400%
36) 1,2-Dichloropropane-d6	7.318	67	116148	47.167	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.340%
41) Toluene-d8	8.653	98	290543	40.611	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.220%
43) trans-1,3-Dichloroprop...	8.958	79	44177	36.062	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.120%
47) 2-Hexanone-d5	9.397	63	112201	89.390	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.390%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	139710	43.188	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.380%
66) 1,2-Dichlorobenzene-d4	12.323	152	97805	47.271	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.540%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.374	62	7112	3.506	ug/L #	81
20) cis-1,2-Dichloroethene	4.489	96	40740	19.027	ug/L	97
34) Trichloroethene	7.129	95	104128	42.320	ug/L	86
46) Tetrachloroethene	9.275	164	20195	12.987	ug/L	98

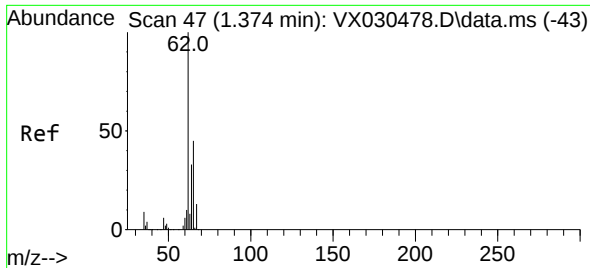
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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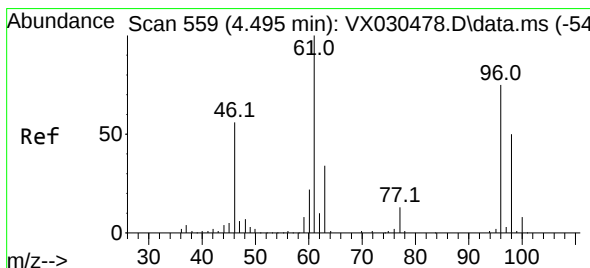
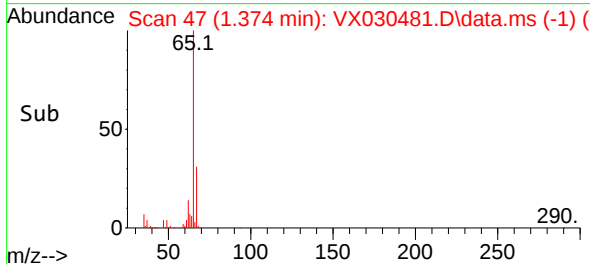
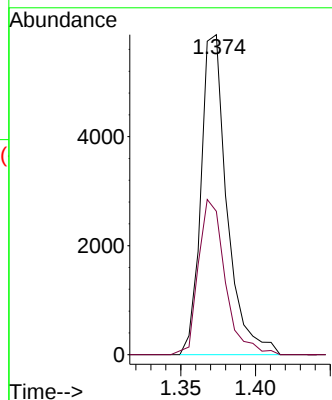
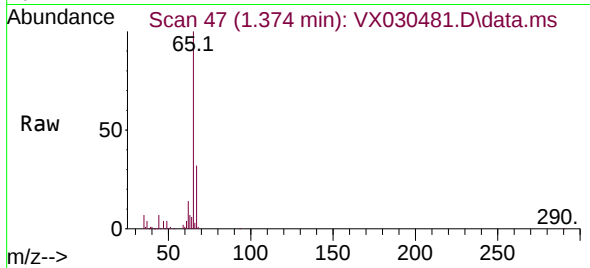




#5
 Vinyl chloride
 Concen: 3.506 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX030481.D
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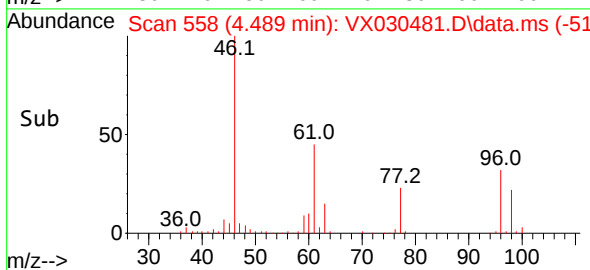
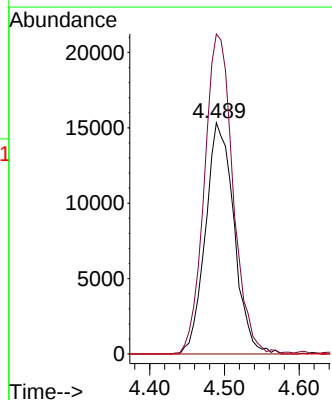
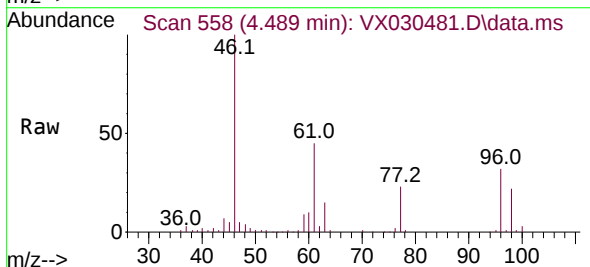
Instrument :
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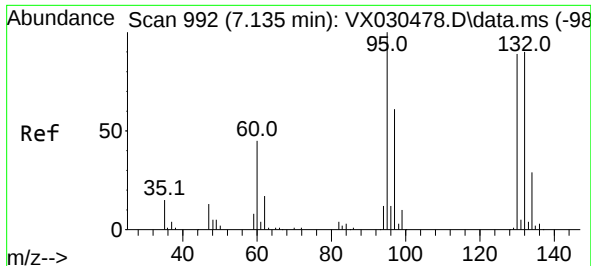
Tgt Ion: 62 Resp: 7112
 Ion Ratio Lower Upper
 62 100
 64 44.8 23.8 44.2#



#20
 cis-1,2-Dichloroethene
 Concen: 19.027 ug/L
 RT: 4.489 min Scan# 558
 Delta R.T. -0.006 min
 Lab File: VX030481.D
 Acq: 06 Aug 2022 22:35

Tgt Ion: 96 Resp: 40740
 Ion Ratio Lower Upper
 96 100
 61 138.4 94.0 174.6
 68 0.0 0.0 0.0

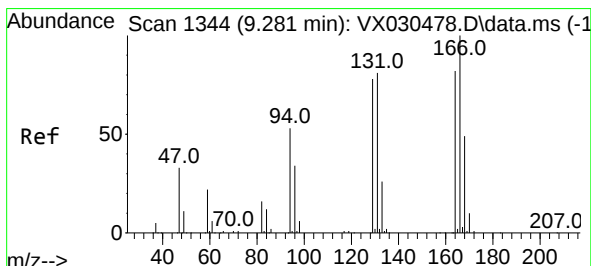
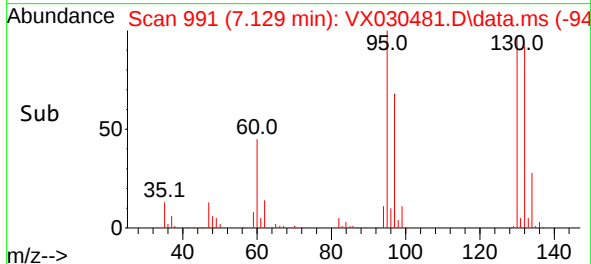
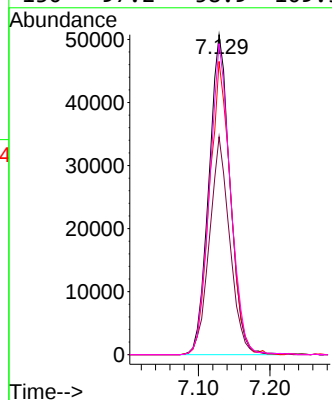
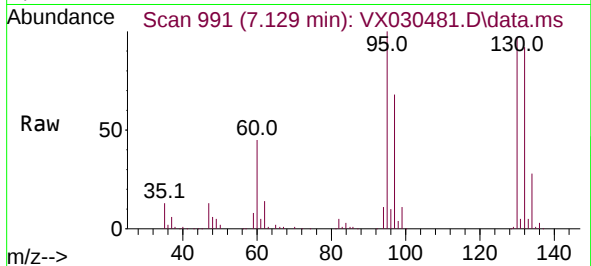




#34
Trichloroethene
Concen: 42.320 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
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Tgt Ion: 95 Resp: 104128
Ion Ratio Lower Upper
95 100
97 68.1 40.2 74.6
132 91.7 55.3 102.7
130 97.2 58.9 109.5



#46
Tetrachloroethene
Concen: 12.987 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX030481.D
Acq: 06 Aug 2022 22:35

Tgt Ion: 164 Resp: 20195
Ion Ratio Lower Upper
164 100
129 107.6 72.7 135.1
131 102.1 69.9 129.9
166 126.5 88.3 164.1

