

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080622\
 Data File : VX030475.D
 Acq On : 06 Aug 2022 19:27
 Operator : JC/MD
 Sample : N4066-03DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 F5D94DL

Quant Time: Aug 07 00:19:35 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)

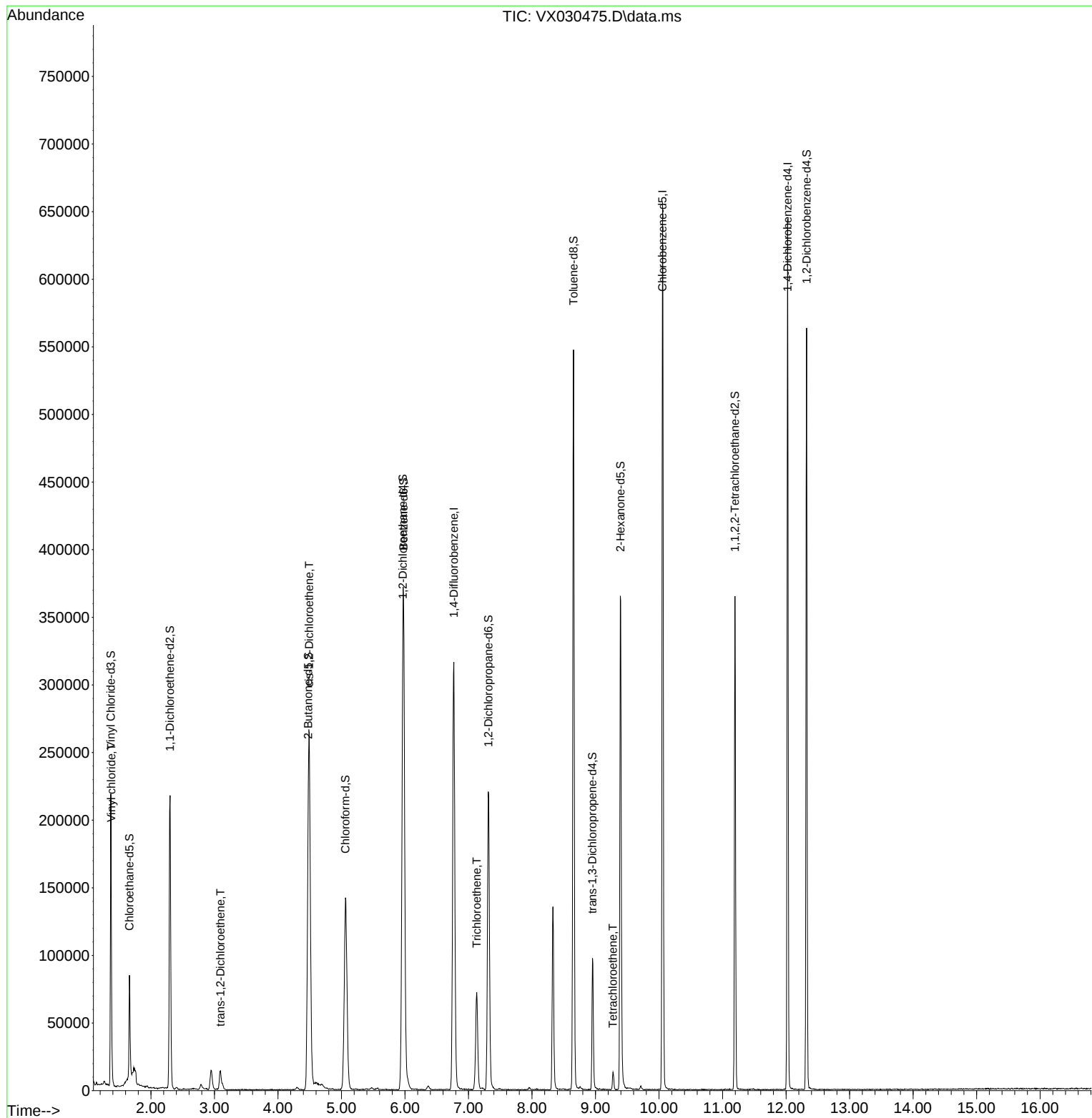
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	306473	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	276165	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	118427	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	78268	39.768	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.540%
7) Chloroethane-d5	1.660	69	41768	30.105	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	60.200%#
11) 1,1-Dichloroethene-d2	2.300	63	124875	33.543	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.080%
21) 2-Butanone-d5	4.477	46	173966	95.399	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.400%
24) Chloroform-d	5.062	84	170493	42.082	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.160%
26) 1,2-Dichloroethane-d4	5.964	65	121583	44.197	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.400%
32) Benzene-d6	5.977	84	344270	43.520	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.040%
36) 1,2-Dichloropropane-d6	7.312	67	110089	42.894	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.780%
41) Toluene-d8	8.653	98	309190	41.465	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.920%
43) trans-1,3-Dichloroprop...	8.952	79	44873	35.144	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.280%
47) 2-Hexanone-d5	9.391	63	111936	85.563	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.560%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	138736	41.148	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.300%
66) 1,2-Dichlorobenzene-d4	12.323	152	100606	43.799	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.600%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.374	62	67748	31.985	ug/L	97
17) trans-1,2-Dichloroethene	3.093	96	4844	2.438	ug/L	92
20) cis-1,2-Dichloroethene	4.489	96	112670	50.400	ug/L	95
34) Trichloroethene	7.129	95	25062	9.773	ug/L	95
46) Tetrachloroethene	9.275	164	2324	1.434	ug/L	91

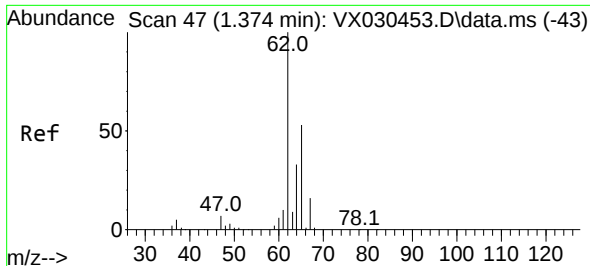
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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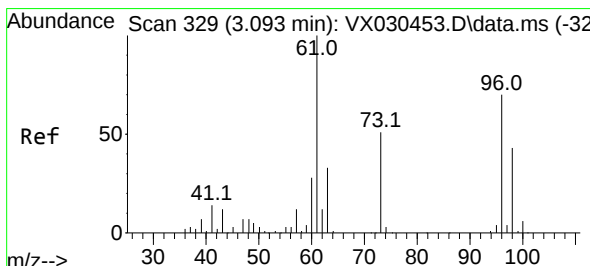
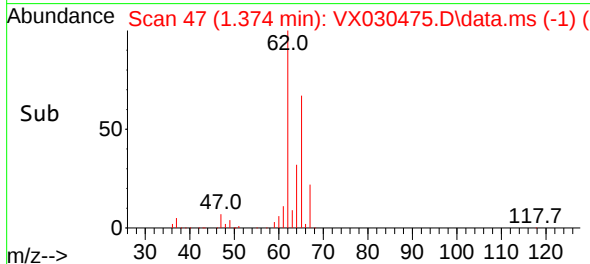
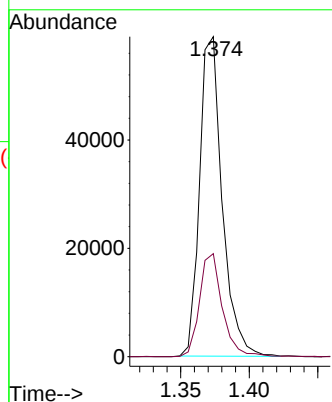
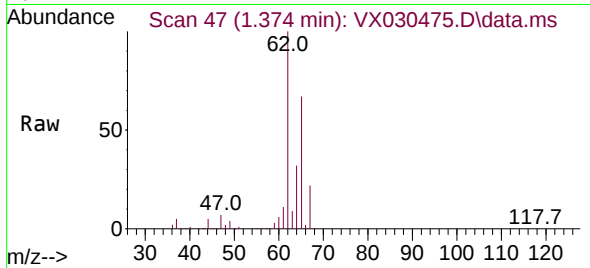




#5
 Vinyl chloride
 Concen: 31.985 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
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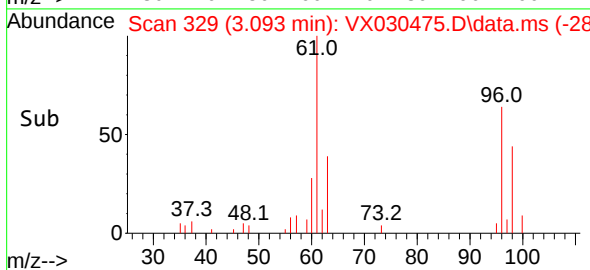
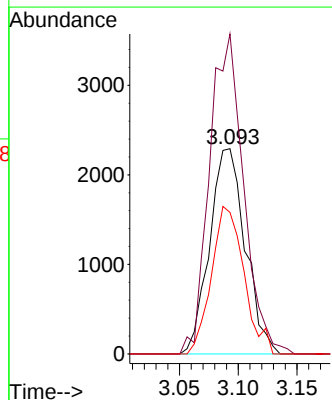
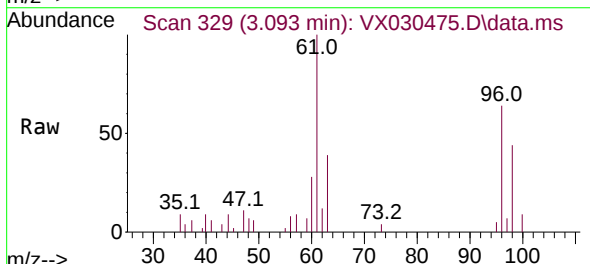
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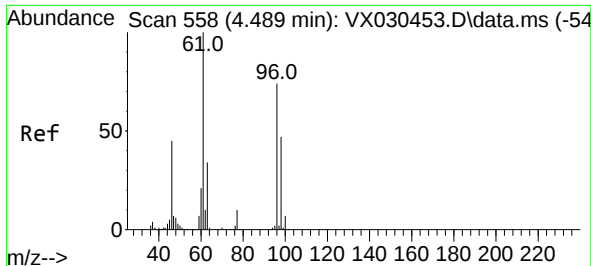
Tgt Ion: 62 Resp: 67748
 Ion Ratio Lower Upper
 62 100
 64 32.2 23.8 44.2



#17
 trans-1,2-Dichloroethene
 Concen: 2.438 ug/L
 RT: 3.093 min Scan# 329
 Delta R.T. -0.000 min
 Lab File: VX030475.D
 Acq: 06 Aug 2022 19:27

Tgt Ion: 96 Resp: 4844
 Ion Ratio Lower Upper
 96 100
 61 155.9 103.7 192.5
 98 69.0 41.5 77.1

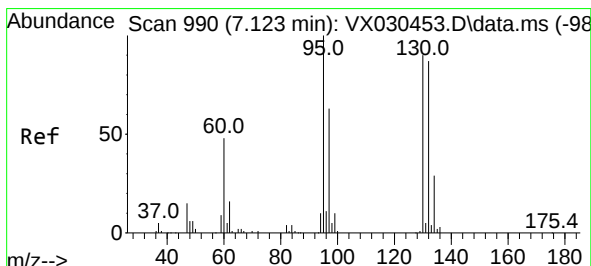
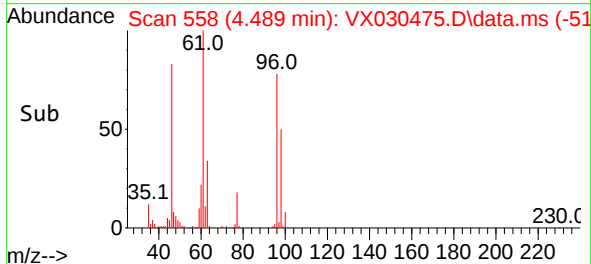
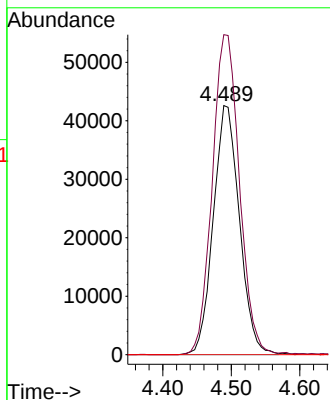
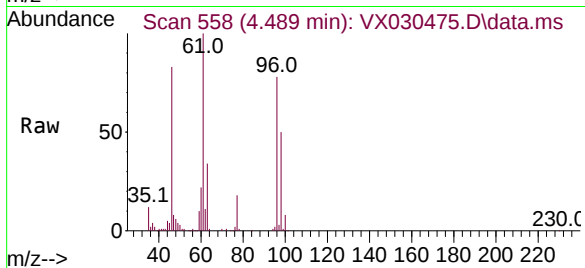




#20
cis-1,2-Dichloroethene
Concen: 50.400 ug/L
RT: 4.489 min Scan# 511
Delta R.T. -0.006 min
Lab File: VX030475.D
Acq: 06 Aug 2022 19:27

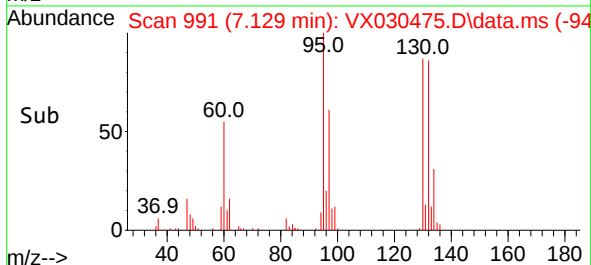
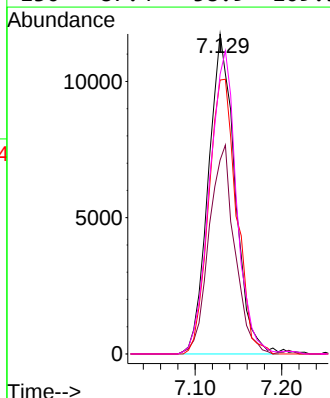
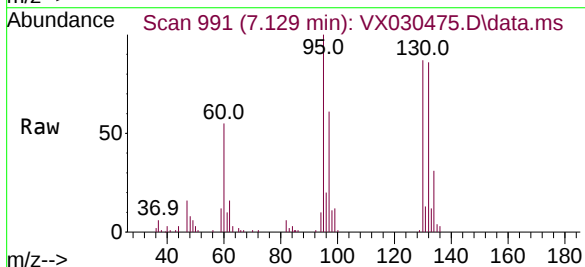
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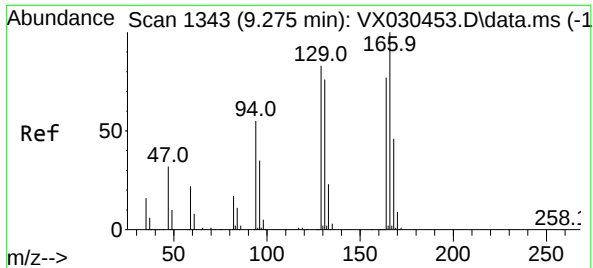
Tgt Ion: 96 Resp: 112670
Ion Ratio Lower Upper
96 100
61 128.4 94.0 174.6
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 9.773 ug/L
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX030475.D
Acq: 06 Aug 2022 19:27

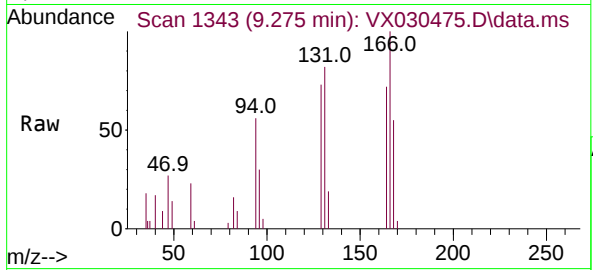
Tgt Ion: 95 Resp: 25062
Ion Ratio Lower Upper
95 100
97 60.6 40.2 74.6
132 85.6 55.3 102.7
130 87.4 58.9 109.5





#46
 Tetrachloroethene
 Concen: 1.434 ug/L
 RT: 9.275 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX030475.D
 Acq: 06 Aug 2022 19:27

Instrument :
 MSVOA_X
 ClientSampleId :
 F5D94DL



Tgt Ion:	164	Resp:	2324
Ion	Ratio	Lower	Upper
164	100		
129	101.5	72.7	135.1
131	113.9	69.9	129.9
166	138.9	88.3	164.1

