

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080622\
 Data File : VX030474.D
 Acq On : 06 Aug 2022 19:03
 Operator : JC/MD
 Sample : N4066-02DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 F5D93DL

Quant Time: Aug 07 00:19:27 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)

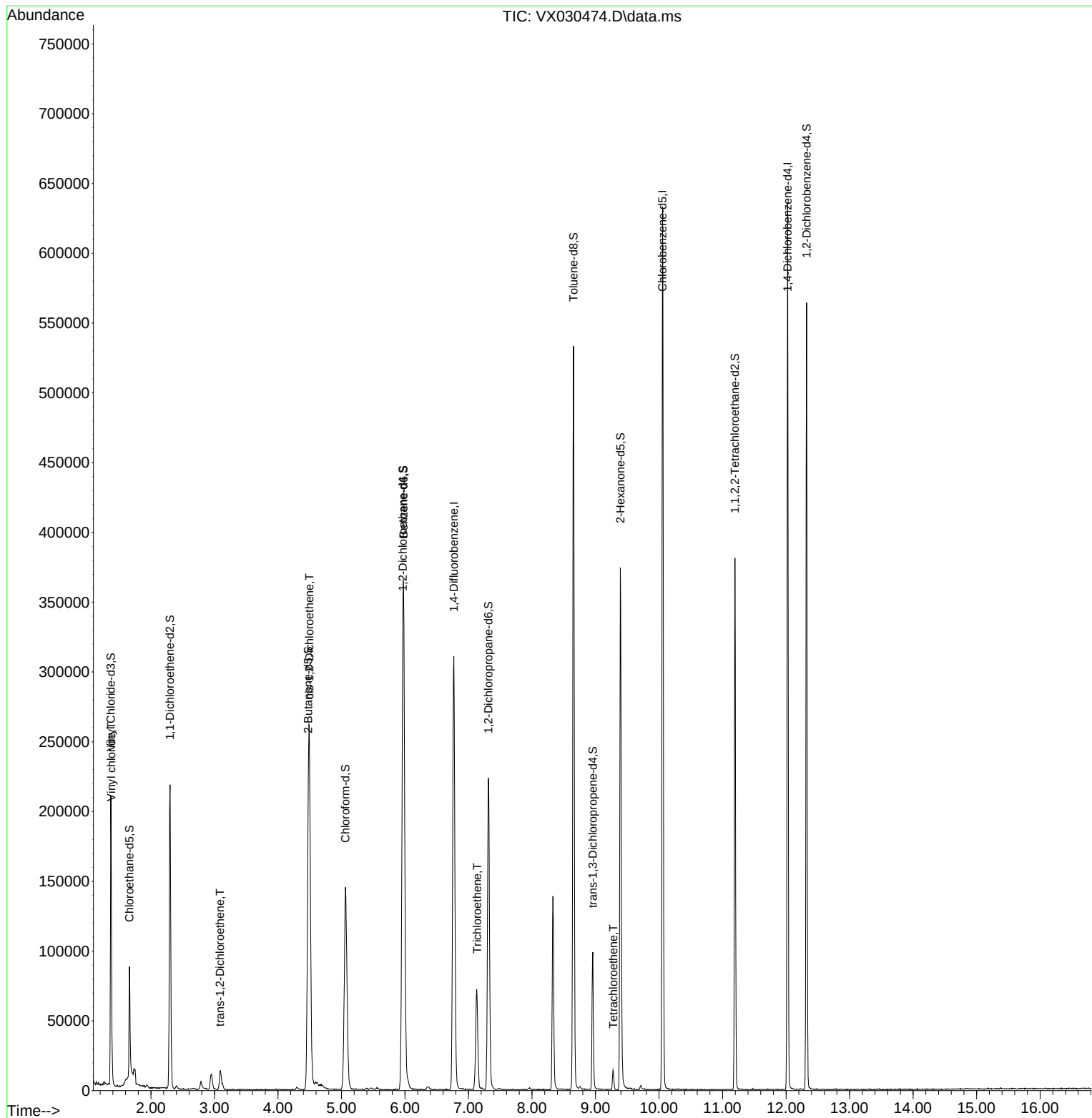
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	304382	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	272465	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	114218	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	79847	40.849	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.700%
7) Chloroethane-d5	1.660	69	43228	31.371	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	62.740%#
11) 1,1-Dichloroethene-d2	2.300	63	121874	32.961	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.920%
21) 2-Butanone-d5	4.477	46	173874	96.004	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.000%
24) Chloroform-d	5.062	84	170813	42.451	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.900%
26) 1,2-Dichloroethane-d4	5.964	65	122525	44.845	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.700%
32) Benzene-d6	5.977	84	343850	44.057	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.120%
36) 1,2-Dichloropropane-d6	7.312	67	113769	44.929	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.860%
41) Toluene-d8	8.653	98	306053	41.602	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.200%
43) trans-1,3-Dichloroprop...	8.958	79	46065	36.568	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.140%
47) 2-Hexanone-d5	9.391	63	112025	86.794	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.790%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	139806	42.028	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.060%
66) 1,2-Dichlorobenzene-d4	12.323	152	101403	45.772	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.540%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.374	62	68398	32.514	ug/L	100
17) trans-1,2-Dichloroethene	3.087	96	4790	2.427	ug/L	95
20) cis-1,2-Dichloroethene	4.495	96	114153	51.414	ug/L	98
34) Trichloroethene	7.135	95	24523	9.692	ug/L	87
46) Tetrachloroethene	9.281	164	2532	1.583	ug/L #	66

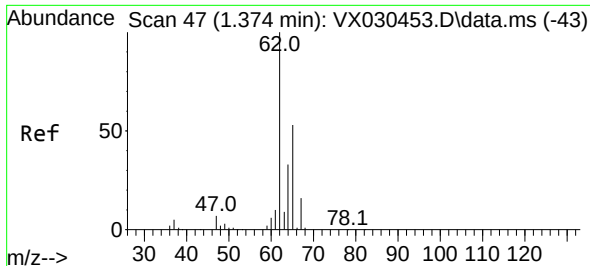
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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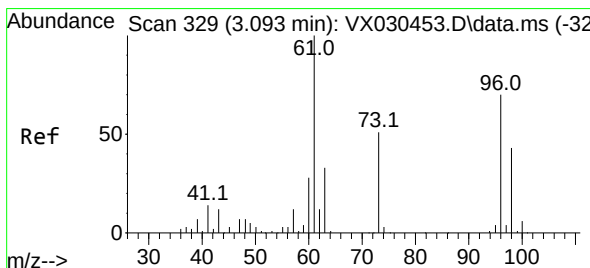
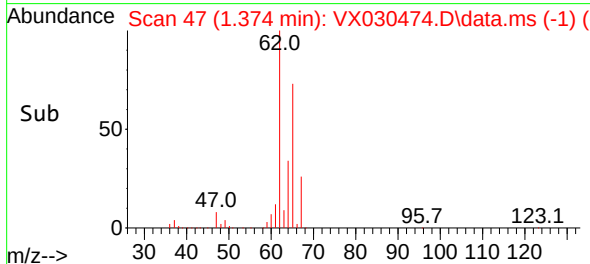
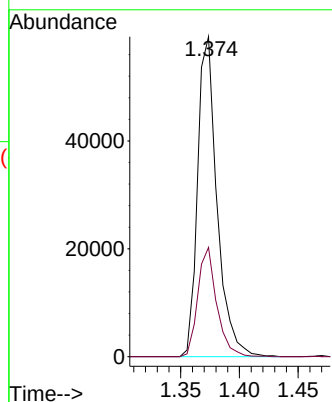
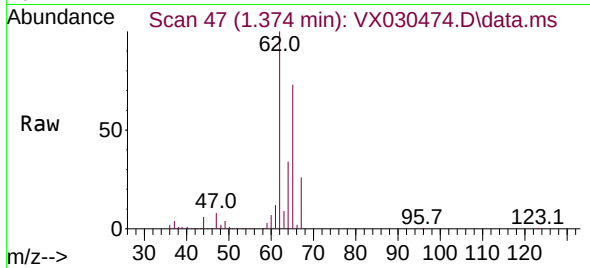




#5
 Vinyl chloride
 Concen: 32.514 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX030474.D
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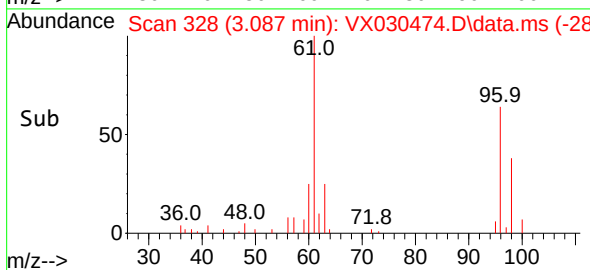
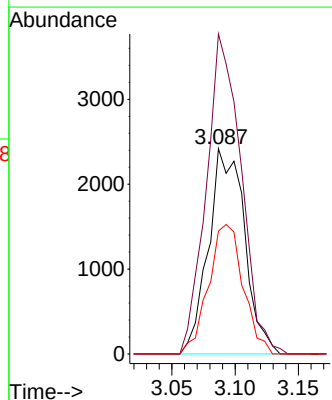
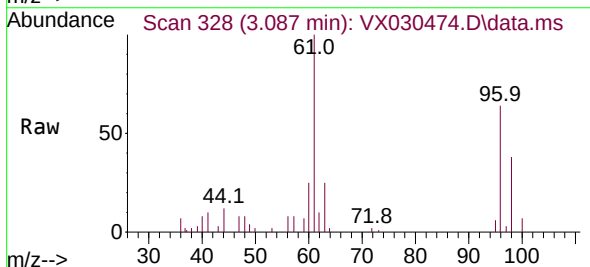
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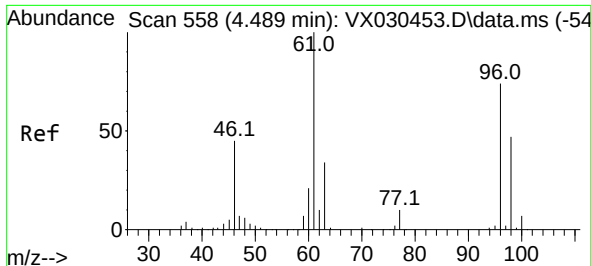
Tgt Ion: 62 Resp: 68398
 Ion Ratio Lower Upper
 62 100
 64 34.1 23.8 44.2



#17
 trans-1,2-Dichloroethene
 Concen: 2.427 ug/L
 RT: 3.087 min Scan# 328
 Delta R.T. -0.006 min
 Lab File: VX030474.D
 Acq: 06 Aug 2022 19:03

Tgt Ion: 96 Resp: 4790
 Ion Ratio Lower Upper
 96 100
 61 155.9 103.7 192.5
 98 59.9 41.5 77.1

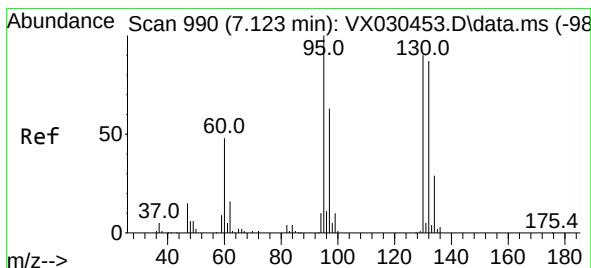
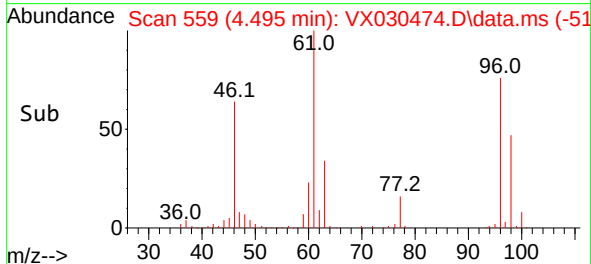
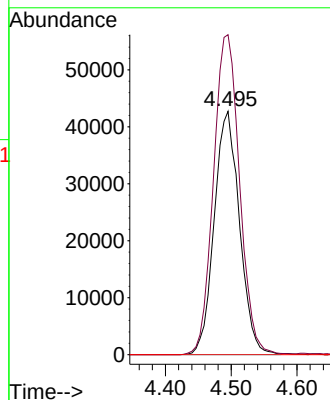
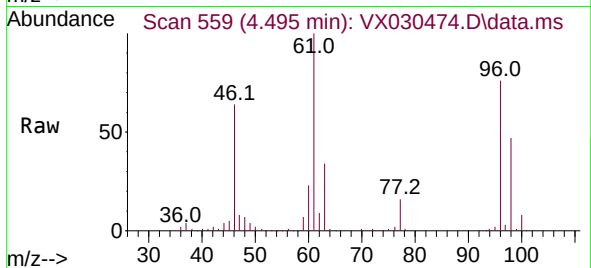




#20
cis-1,2-Dichloroethene
Concen: 51.414 ug/L
RT: 4.495 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX030474.D
Acq: 06 Aug 2022 19:03

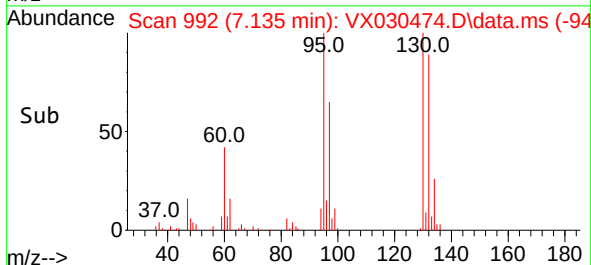
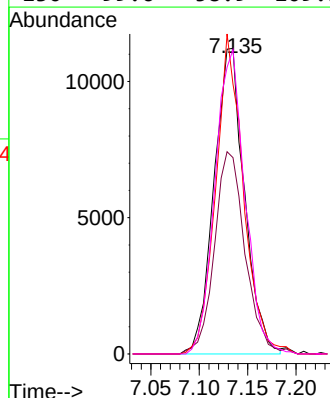
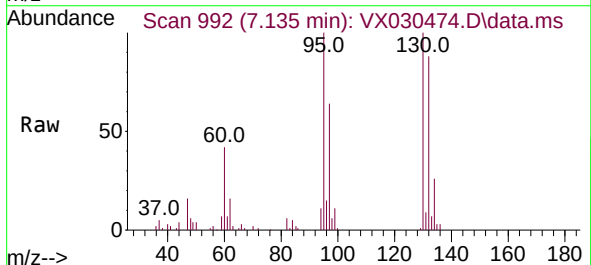
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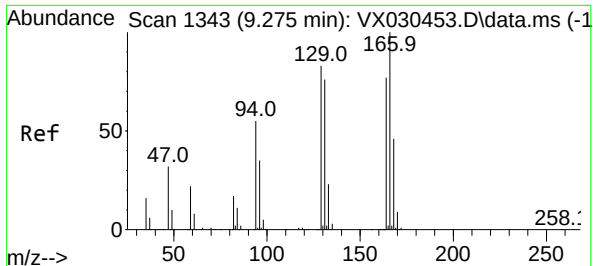
Tgt Ion: 96 Resp: 114153
Ion Ratio Lower Upper
96 100
61 131.4 94.0 174.6
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 9.692 ug/L
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX030474.D
Acq: 06 Aug 2022 19:03

Tgt Ion: 95 Resp: 24523
Ion Ratio Lower Upper
95 100
97 64.3 40.2 74.6
132 88.3 55.3 102.7
130 99.6 58.9 109.5





#46

Tetrachloroethene

Concen: 1.583 ug/L

RT: 9.281 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX030474.D

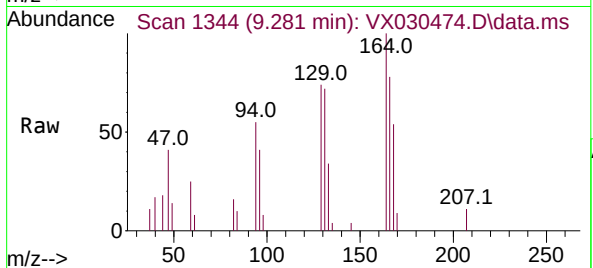
Acq: 06 Aug 2022 19:03

Instrument :

MSVOA_X

ClientSampleId :

F5D93DL



Tgt Ion:164 Resp: 2532

Ion Ratio Lower Upper

164 100

129 74.0 72.7 135.1

131 71.9 69.9 129.9

166 77.8 88.3 164.1#

