

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080622\
 Data File : VX030473.D
 Acq On : 06 Aug 2022 18:40
 Operator : JC/MD
 Sample : N4021-13DL 40X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 F5D69DL

Quant Time: Aug 07 05:18:53 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)

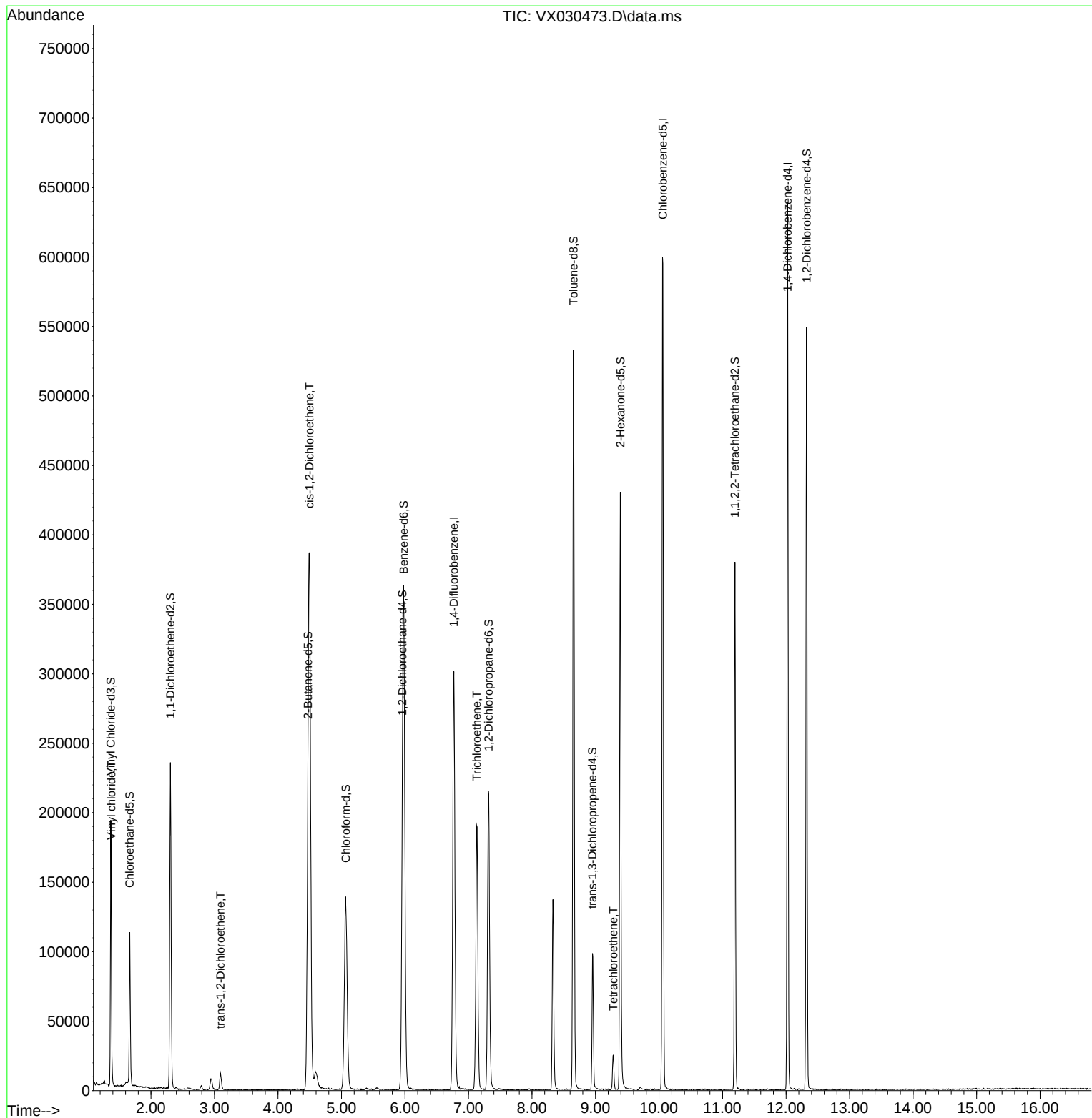
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	296921	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.061	117	264145	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	116787	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	79961	41.935	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.880%
7) Chloroethane-d5	1.666	69	63177	47.000	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.000%
11) 1,1-Dichloroethene-d2	2.306	63	128333	35.580	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.160%
21) 2-Butanone-d5	4.470	46	173142	98.002	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.000%
24) Chloroform-d	5.068	84	169368	43.149	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.300%
26) 1,2-Dichloroethane-d4	5.958	65	119107	44.690	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.380%
32) Benzene-d6	5.982	84	337815	44.647	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.300%
36) 1,2-Dichloropropane-d6	7.317	67	111219	45.306	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.620%
41) Toluene-d8	8.653	98	303759	42.590	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.180%
43) trans-1,3-Dichloroprop...	8.951	79	45681	37.405	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.820%
47) 2-Hexanone-d5	9.390	63	113761	90.915	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.920%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	142155	44.081	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.160%
66) 1,2-Dichlorobenzene-d4	12.323	152	100095	44.188	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.380%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.373	62	46280	22.553	ug/L	94
17) trans-1,2-Dichloroethene	3.093	96	4083	2.121	ug/L	86
20) cis-1,2-Dichloroethene	4.495	96	207645	95.873	ug/L	95
34) Trichloroethene	7.128	95	71341	29.085	ug/L	94
46) Tetrachloroethene	9.281	164	4634	2.989	ug/L	90

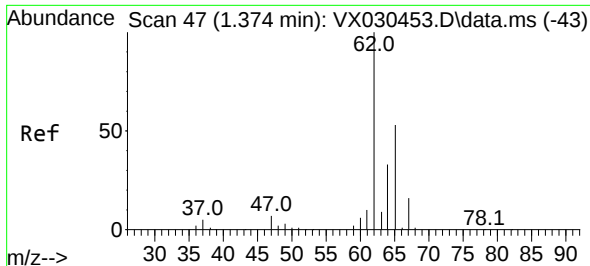
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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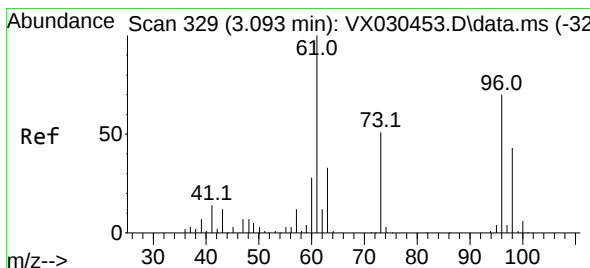
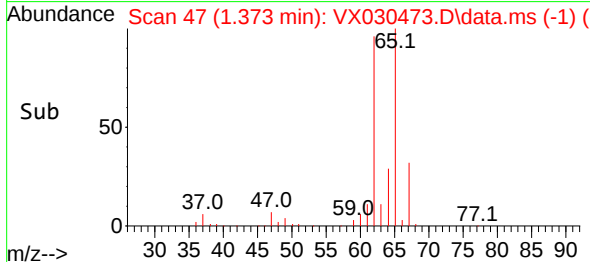
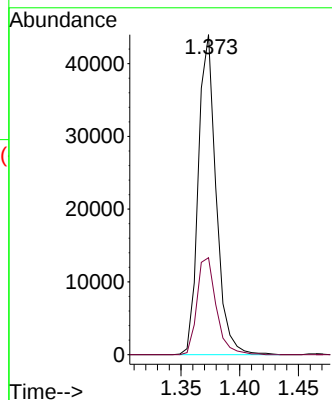
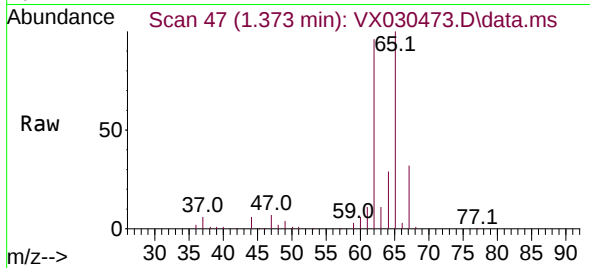




#5
 Vinyl chloride
 Concen: 22.553 ug/L
 RT: 1.373 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX030473.D
 Acq: 06 Aug 2022 18:40

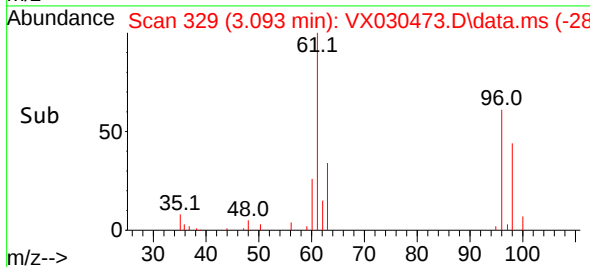
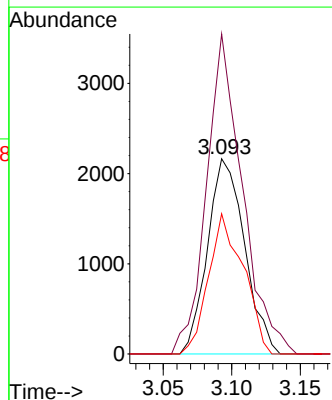
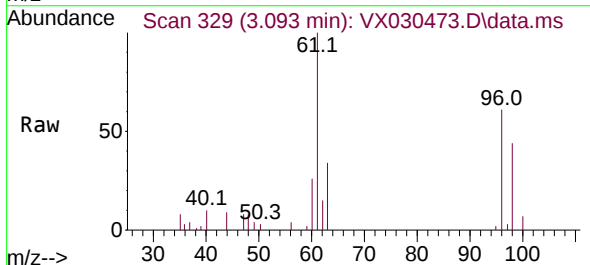
Instrument :
 MSVOA_X
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 F5D69DL

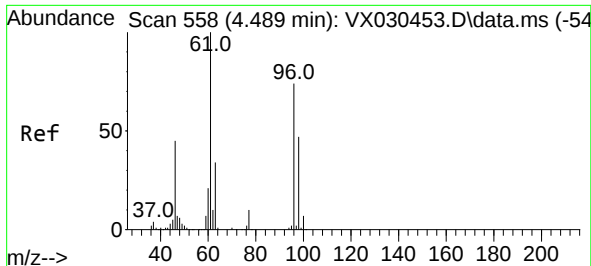
Tgt Ion: 62 Resp: 46280
 Ion Ratio Lower Upper
 62 100
 64 30.3 23.8 44.2



#17
 trans-1,2-Dichloroethene
 Concen: 2.121 ug/L
 RT: 3.093 min Scan# 329
 Delta R.T. -0.000 min
 Lab File: VX030473.D
 Acq: 06 Aug 2022 18:40

Tgt Ion: 96 Resp: 4083
 Ion Ratio Lower Upper
 96 100
 61 163.9 103.7 192.5
 98 71.8 41.5 77.1

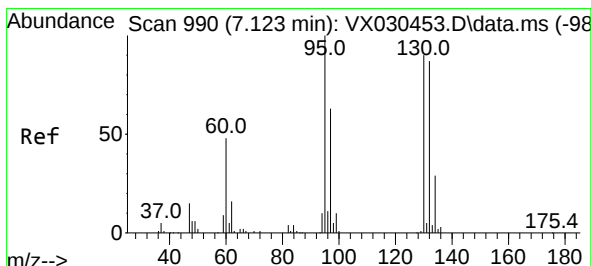
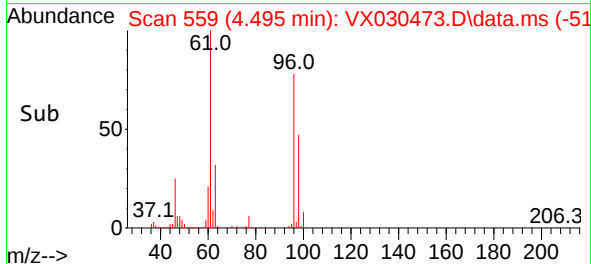
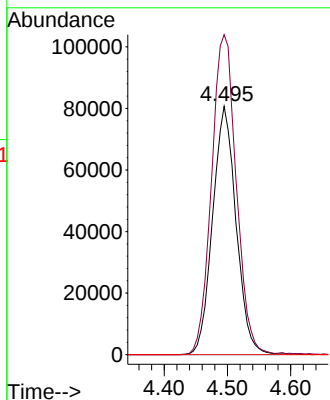
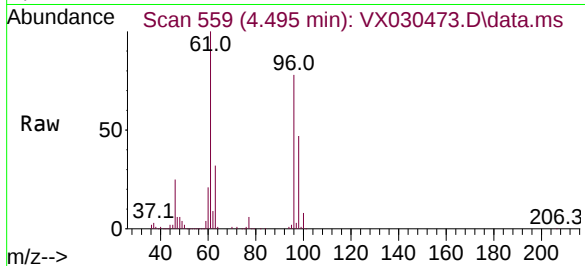




#20
 cis-1,2-Dichloroethene
 Concen: 95.873 ug/L
 RT: 4.495 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VX030473.D
 Acq: 06 Aug 2022 18:40

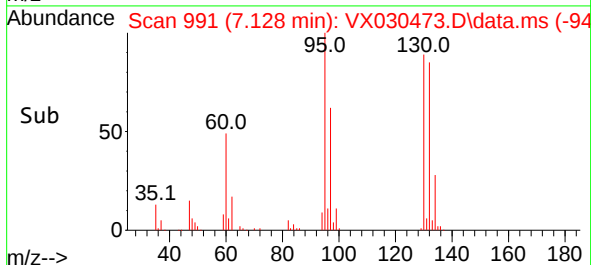
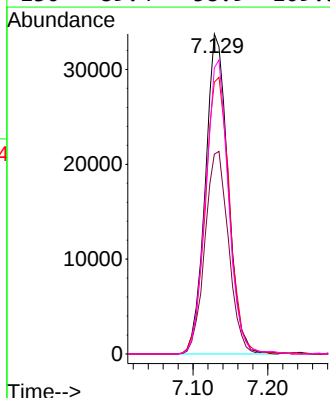
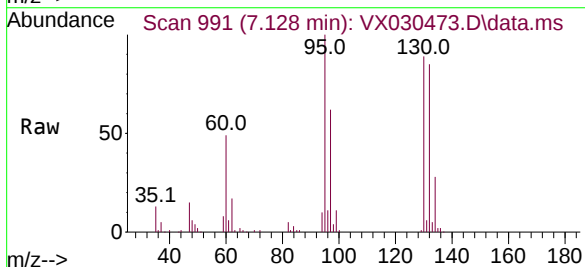
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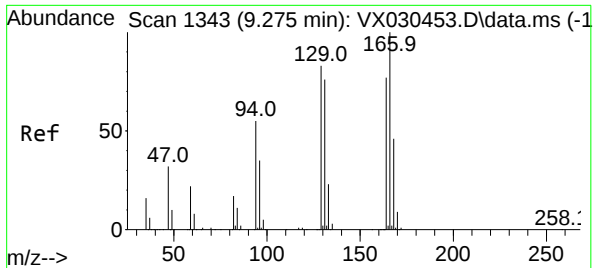
Tgt Ion: 96 Resp: 207645
 Ion Ratio Lower Upper
 96 100
 61 128.8 94.0 174.6
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 29.085 ug/L
 RT: 7.128 min Scan# 991
 Delta R.T. -0.000 min
 Lab File: VX030473.D
 Acq: 06 Aug 2022 18:40

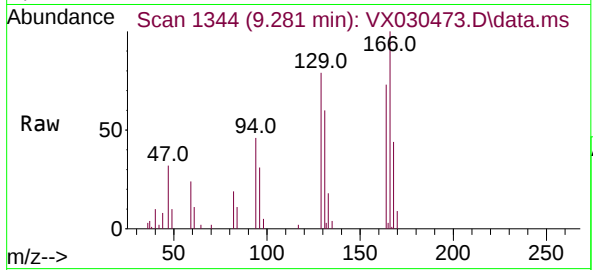
Tgt Ion: 95 Resp: 71341
 Ion Ratio Lower Upper
 95 100
 97 62.5 40.2 74.6
 132 85.0 55.3 102.7
 130 89.4 58.9 109.5





#46
 Tetrachloroethene
 Concen: 2.989 ug/L
 RT: 9.281 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX030473.D
 Acq: 06 Aug 2022 18:40

Instrument :
 MSVOA_X
 ClientSampleId :
 F5D69DL



Tgt Ion:	164	Resp:	4634
Ion	Ratio	Lower	Upper
164	100		
129	107.6	72.7	135.1
131	81.9	69.9	129.9
166	136.1	88.3	164.1

