

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080522\
 Data File : VX030447.D
 Acq On : 05 Aug 2022 22:49
 Operator : JC/MD
 Sample : N4066-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 F5E25

Quant Time: Aug 06 02:23:16 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)

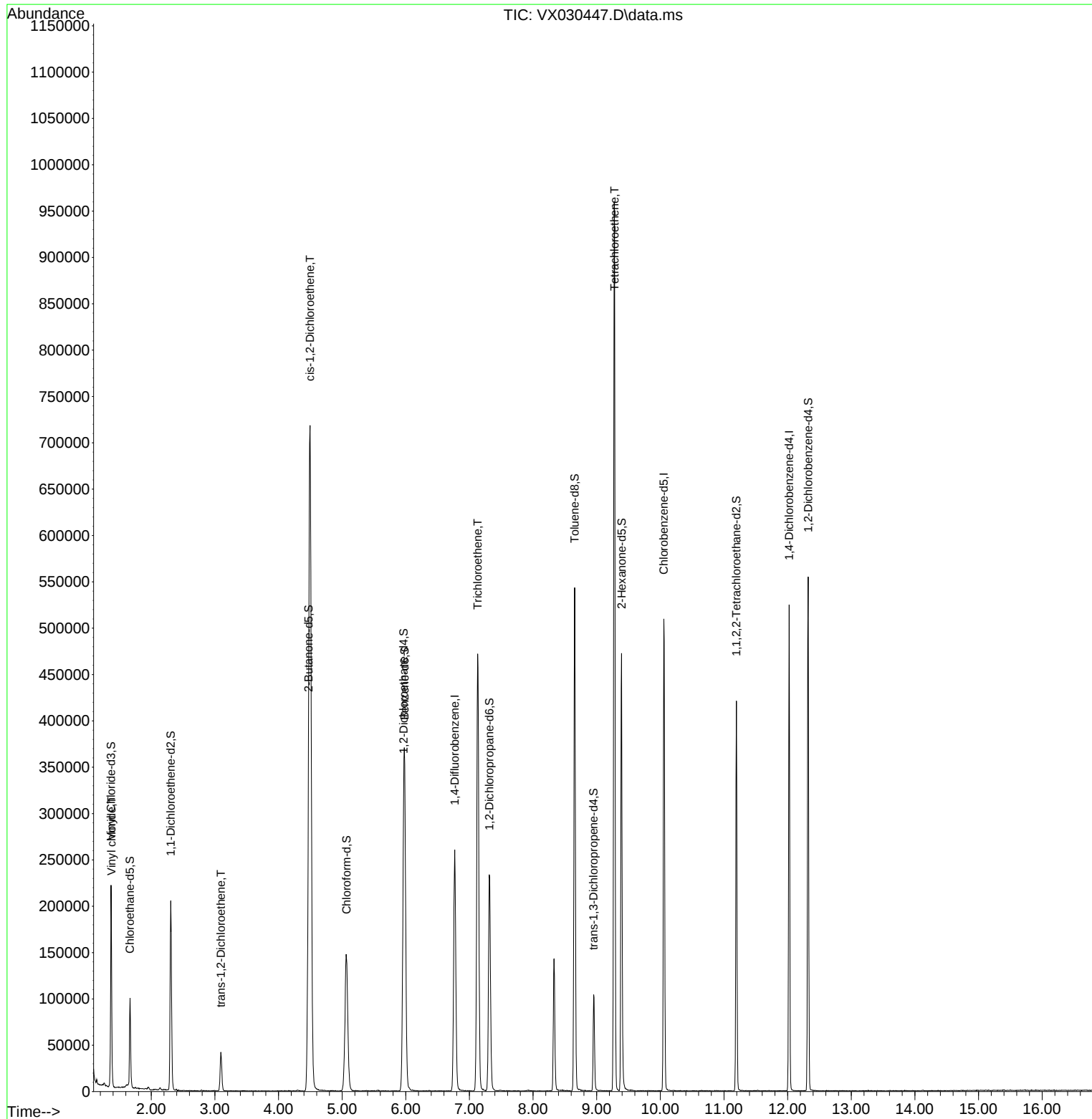
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	250082	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	220208	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	94843	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	78597	48.940	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	97.880%	
7) Chloroethane-d5	1.666	69	62766	55.440	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	110.880%	
11) 1,1-Dichloroethene-d2	2.306	63	116853	38.465	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	76.940%	
21) 2-Butanone-d5	4.471	46	192934	129.658	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	129.660%	
24) Chloroform-d	5.068	84	177765	53.771	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	107.540%	
26) 1,2-Dichloroethane-d4	5.964	65	128135	57.082	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	114.160%	
32) Benzene-d6	5.983	84	346880	54.992	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	109.980%	
36) 1,2-Dichloropropane-d6	7.312	67	117018	57.179	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	114.360%	
41) Toluene-d8	8.653	98	304214	51.165	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	102.320%	
43) trans-1,3-Dichloroprop...	8.952	79	48722	47.856	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	95.720%	
47) 2-Hexanone-d5	9.390	63	128589	123.270	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	123.270%	
56) 1,1,2,2-Tetrachloroeth...	11.195	84	157309	58.513	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	117.020%	
66) 1,2-Dichlorobenzene-d4	12.323	152	104262	56.677	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	113.360%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.374	62	67794	39.224	ug/L	100
17) trans-1,2-Dichloroethene	3.093	96	15453	9.529	ug/L	95
20) cis-1,2-Dichloroethene	4.495	96	407422	223.345	ug/L	98
34) Trichloroethene	7.129	95	185194	90.566	ug/L	92
46) Tetrachloroethene	9.281	164	169043	130.805	ug/L	99

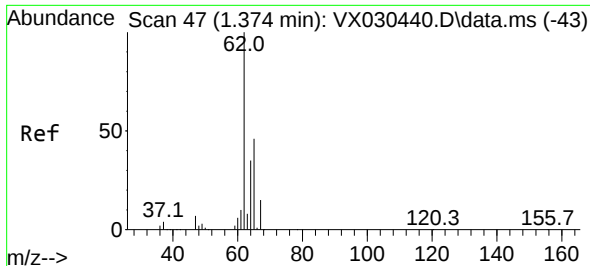
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Aug 06 02:08:42 2022
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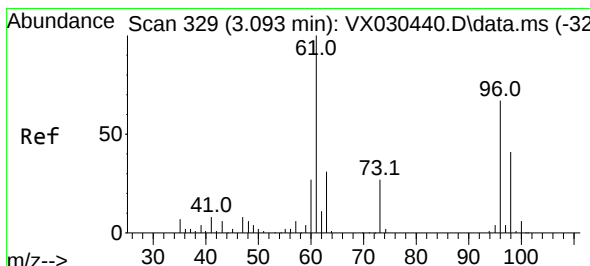
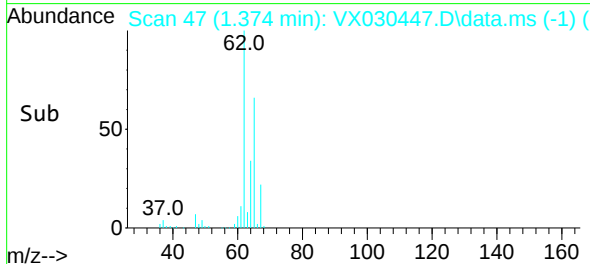
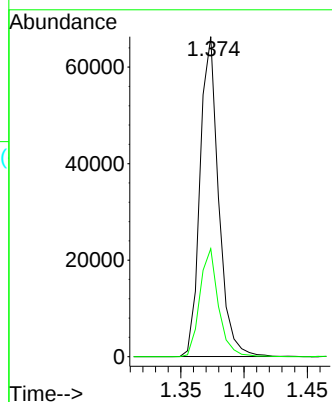
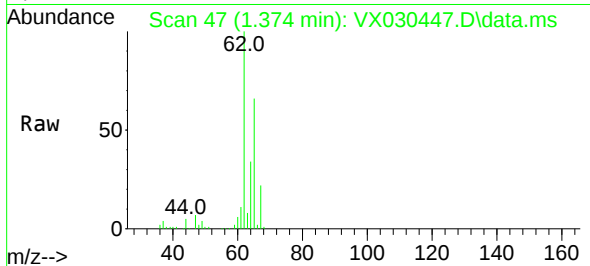




#5
 Vinyl chloride
 Concen: 39.224 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX030447.D
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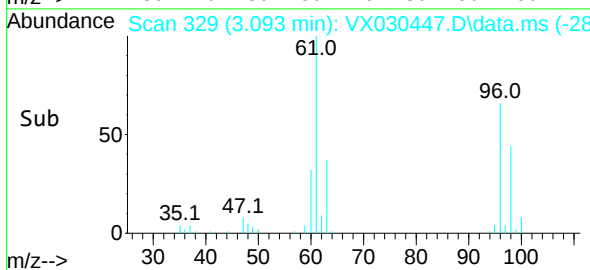
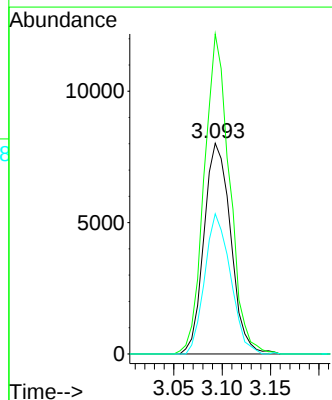
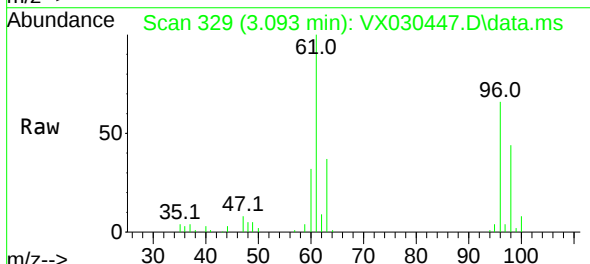
Instrument :
 MSVOA_X
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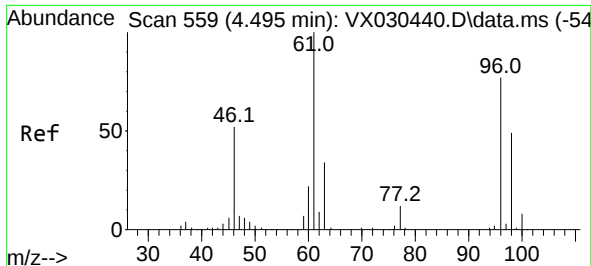
Tgt Ion: 62 Resp: 67794
 Ion Ratio Lower Upper
 62 100
 64 33.8 23.8 44.2



#17
 trans-1,2-Dichloroethene
 Concen: 9.529 ug/L
 RT: 3.093 min Scan# 329
 Delta R.T. -0.000 min
 Lab File: VX030447.D
 Acq: 05 Aug 2022 22:49

Tgt Ion: 96 Resp: 15453
 Ion Ratio Lower Upper
 96 100
 61 151.8 103.7 192.5
 98 66.5 41.5 77.1

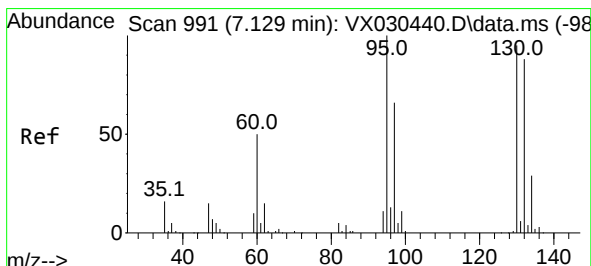
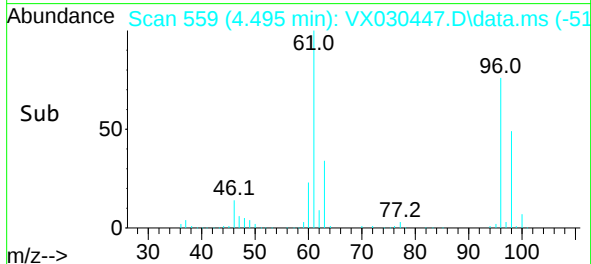
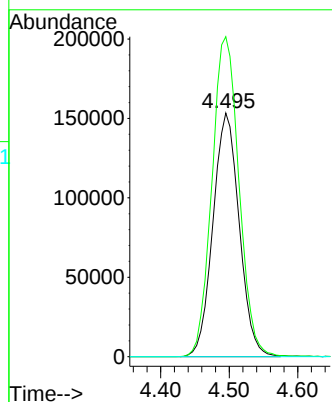
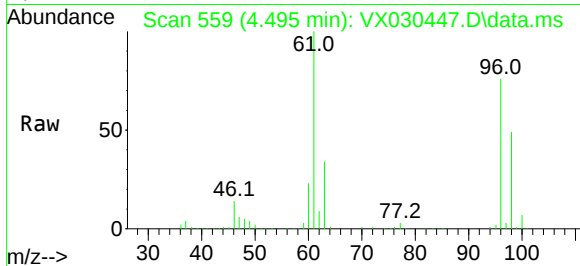




#20
 cis-1,2-Dichloroethene
 Concen: 223.345 ug/L
 RT: 4.495 min Scan# 511
 Delta R.T. -0.000 min
 Lab File: VX030447.D
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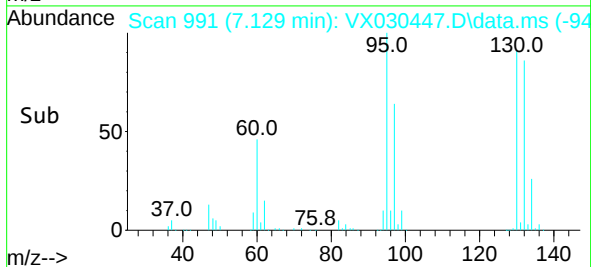
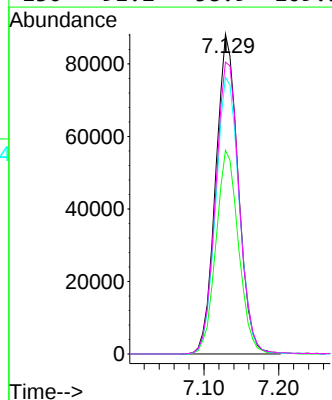
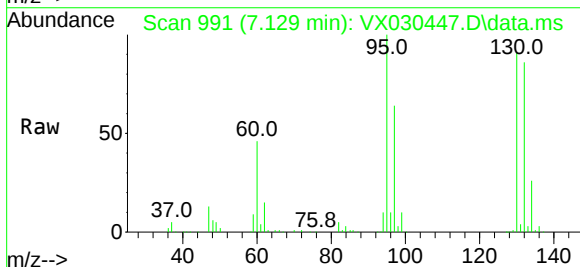
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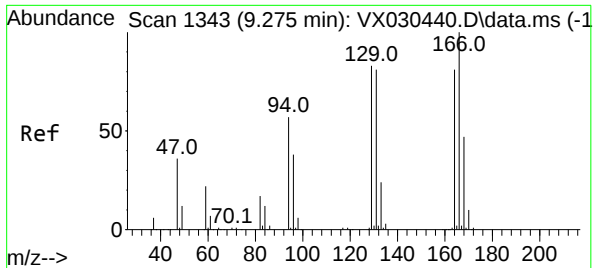
Tgt Ion: 96 Resp: 407422
 Ion Ratio Lower Upper
 96 100
 61 131.3 94.0 174.6
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 90.566 ug/L
 RT: 7.129 min Scan# 991
 Delta R.T. -0.000 min
 Lab File: VX030447.D
 Acq: 05 Aug 2022 22:49

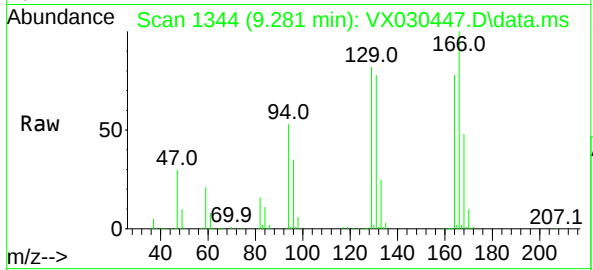
Tgt Ion: 95 Resp: 185194
 Ion Ratio Lower Upper
 95 100
 97 63.7 40.2 74.6
 132 86.5 55.3 102.7
 130 91.2 58.9 109.5





#46
 Tetrachloroethene
 Concen: 130.805 ug/L
 RT: 9.281 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX030447.D
 Acq: 05 Aug 2022 22:49

Instrument :
 MSVOA_X
 ClientSampleId :
 F5E25



Tgt Ion:164 Resp: 169043

Ion	Ratio	Lower	Upper
164	100		
129	104.2	72.7	135.1
131	99.1	69.9	129.9
166	127.7	88.3	164.1

