

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080622\
 Data File : VX030483.D
 Acq On : 06 Aug 2022 23:22
 Operator : JC/MD
 Sample : N4021-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 F5E20

Quant Time: Aug 07 05:46:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXMLM080422WMA.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)

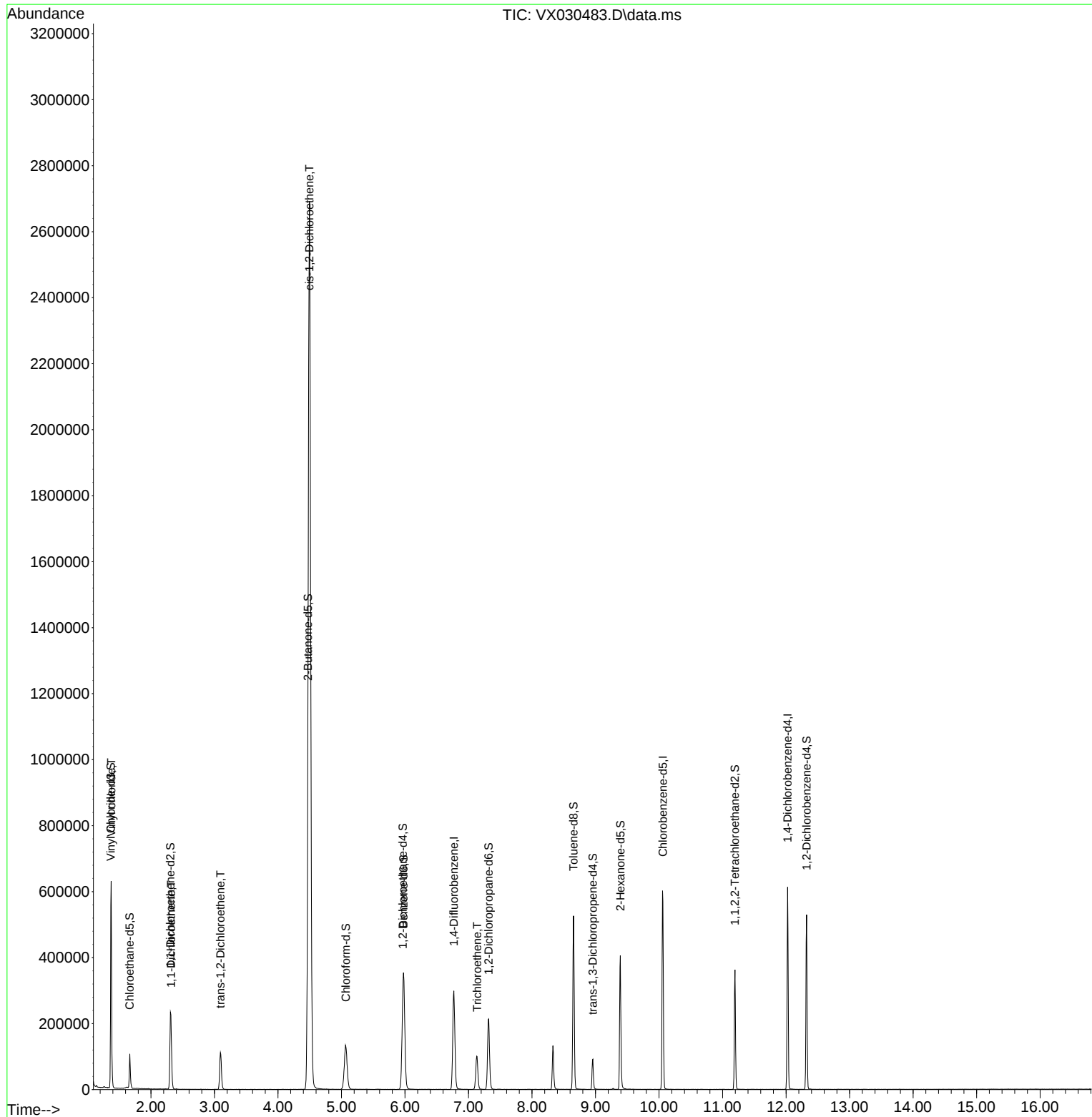
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	289331	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.061	117	256617	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	112234	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	77979	41.969	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.940%
7) Chloroethane-d5	1.666	69	59935	45.758	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.520%
11) 1,1-Dichloroethene-d2	2.306	63	122106	34.742	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.480%
21) 2-Butanone-d5	4.471	46	167408	97.242	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.240%
24) Chloroform-d	5.068	84	163142	42.654	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.300%
26) 1,2-Dichloroethane-d4	5.964	65	114919	44.250	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.500%
32) Benzene-d6	5.976	84	324867	44.195	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.400%
36) 1,2-Dichloropropane-d6	7.318	67	108038	45.301	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.600%
41) Toluene-d8	8.653	98	293361	42.339	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.680%
43) trans-1,3-Dichloroprop...	8.957	79	42094	35.479	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.960%
47) 2-Hexanone-d5	9.390	63	110012	90.498	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.500%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	138267	44.133	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.260%
66) 1,2-Dichlorobenzene-d4	12.323	152	98921	45.441	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.880%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.373	62	330545	165.303	ug/L	99
12) 1,1-Dichloroethene	2.318	96	21336	13.175	ug/L	# 33
17) trans-1,2-Dichloroethene	3.093	96	44023	23.465	ug/L	97
20) cis-1,2-Dichloroethene	4.495	96	1553424	736.054	ug/L	99
34) Trichloroethene	7.135	95	36642	15.377	ug/L	84

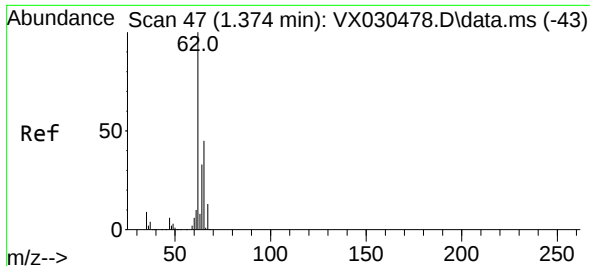
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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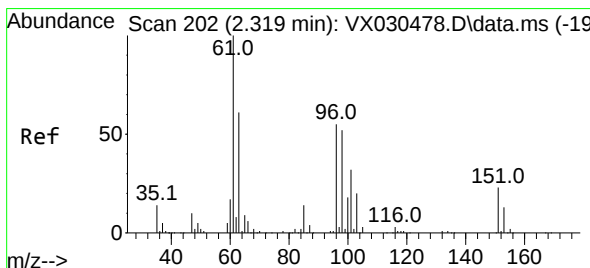
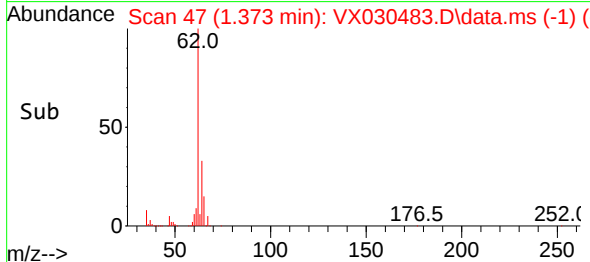
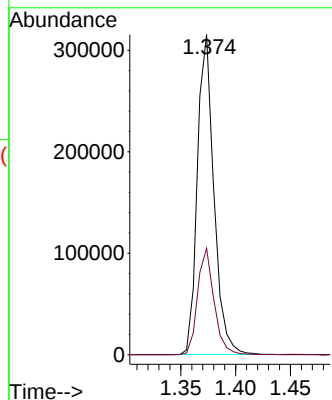
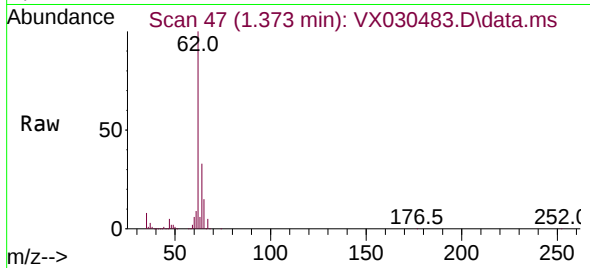




#5
 Vinyl chloride
 Concen: 165.303 ug/L
 RT: 1.373 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX030483.D
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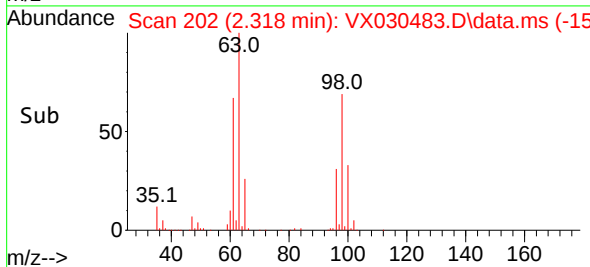
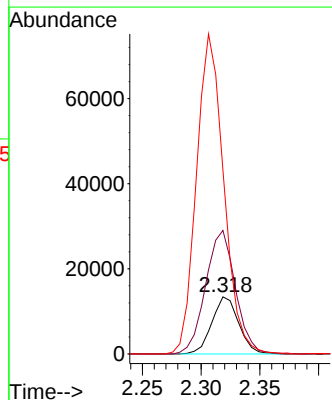
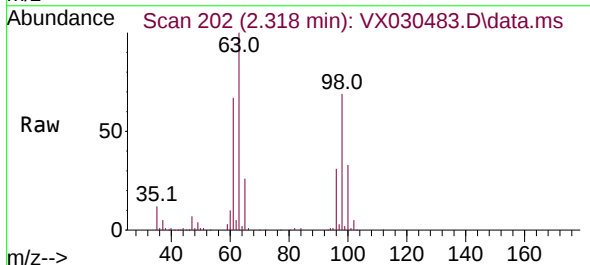
Instrument :
 MSVOA_X
 ClientSampleId :
 F5E20

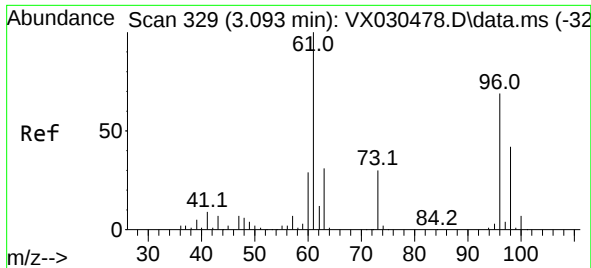
Tgt Ion: 62 Resp: 330545
 Ion Ratio Lower Upper
 62 100
 64 33.2 23.8 44.2



#12
 1,1-Dichloroethene
 Concen: 13.175 ug/L
 RT: 2.318 min Scan# 202
 Delta R.T. -0.000 min
 Lab File: VX030483.D
 Acq: 06 Aug 2022 23:22

Tgt Ion: 96 Resp: 21336
 Ion Ratio Lower Upper
 96 100
 61 216.3 130.2 241.8
 63 322.1 113.5 210.9

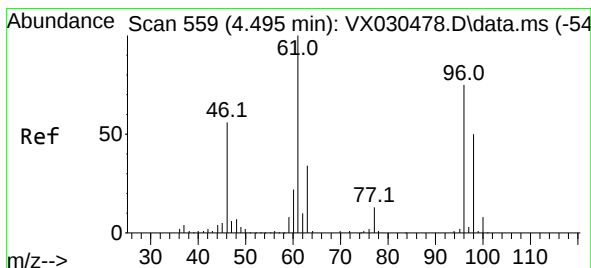
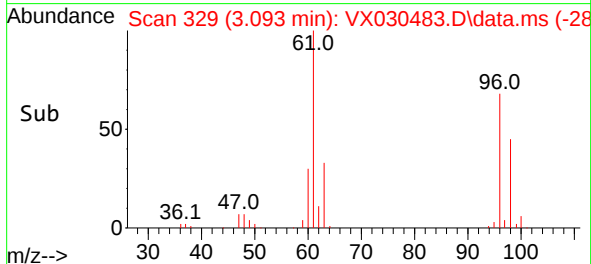
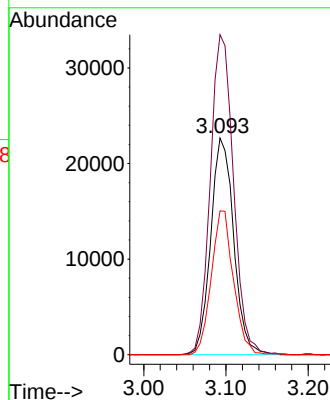
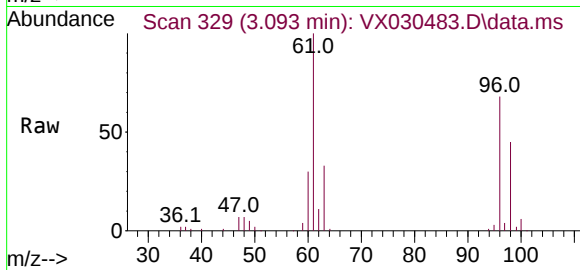




#17
trans-1,2-Dichloroethene
Concen: 23.465 ug/L
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX030483.D
Acq: 06 Aug 2022 23:22

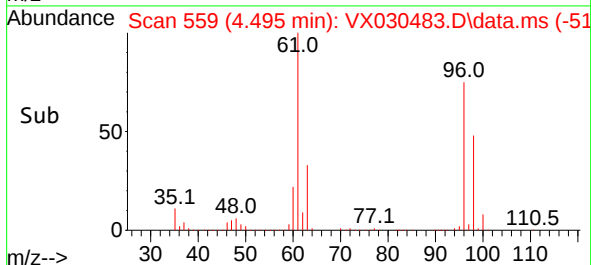
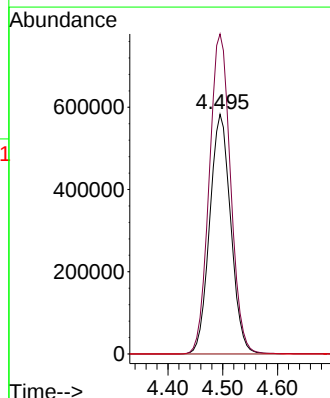
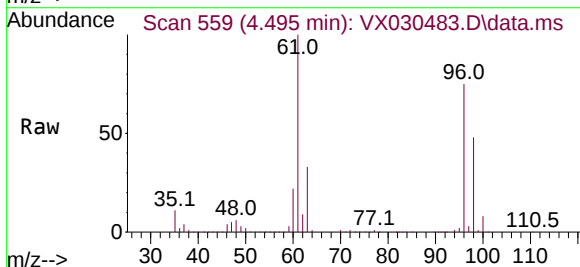
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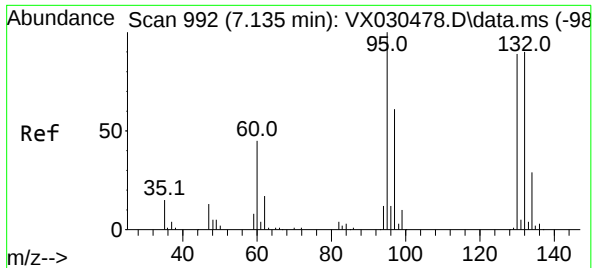
Tgt Ion: 96 Resp: 44023
Ion Ratio Lower Upper
96 100
61 147.7 103.7 192.5
98 66.4 41.5 77.1



#20
cis-1,2-Dichloroethene
Concen: 736.054 ug/L
RT: 4.495 min Scan# 559
Delta R.T. -0.000 min
Lab File: VX030483.D
Acq: 06 Aug 2022 23:22

Tgt Ion: 96 Resp: 1553424
Ion Ratio Lower Upper
96 100
61 133.5 94.0 174.6
68 0.0 0.0 0.0





#34
 Trichloroethene
 Concen: 15.377 ug/L
 RT: 7.135 min Scan# 992
 Delta R.T. 0.006 min
 Lab File: VX030483.D
 Acq: 06 Aug 2022 23:22

Instrument :
 MSVOA_X
 ClientSampleId :
 F5E20

Tgt Ion: 95 Resp: 36642

Ion	Ratio	Lower	Upper
95	100		
97	67.4	40.2	74.6
132	93.0	55.3	102.7
130	100.1	58.9	109.5

