

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080522\
 Data File : VX030442.D
 Acq On : 05 Aug 2022 20:51
 Operator : JC/MD
 Sample : N4021-19
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 06 02:22:01 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)

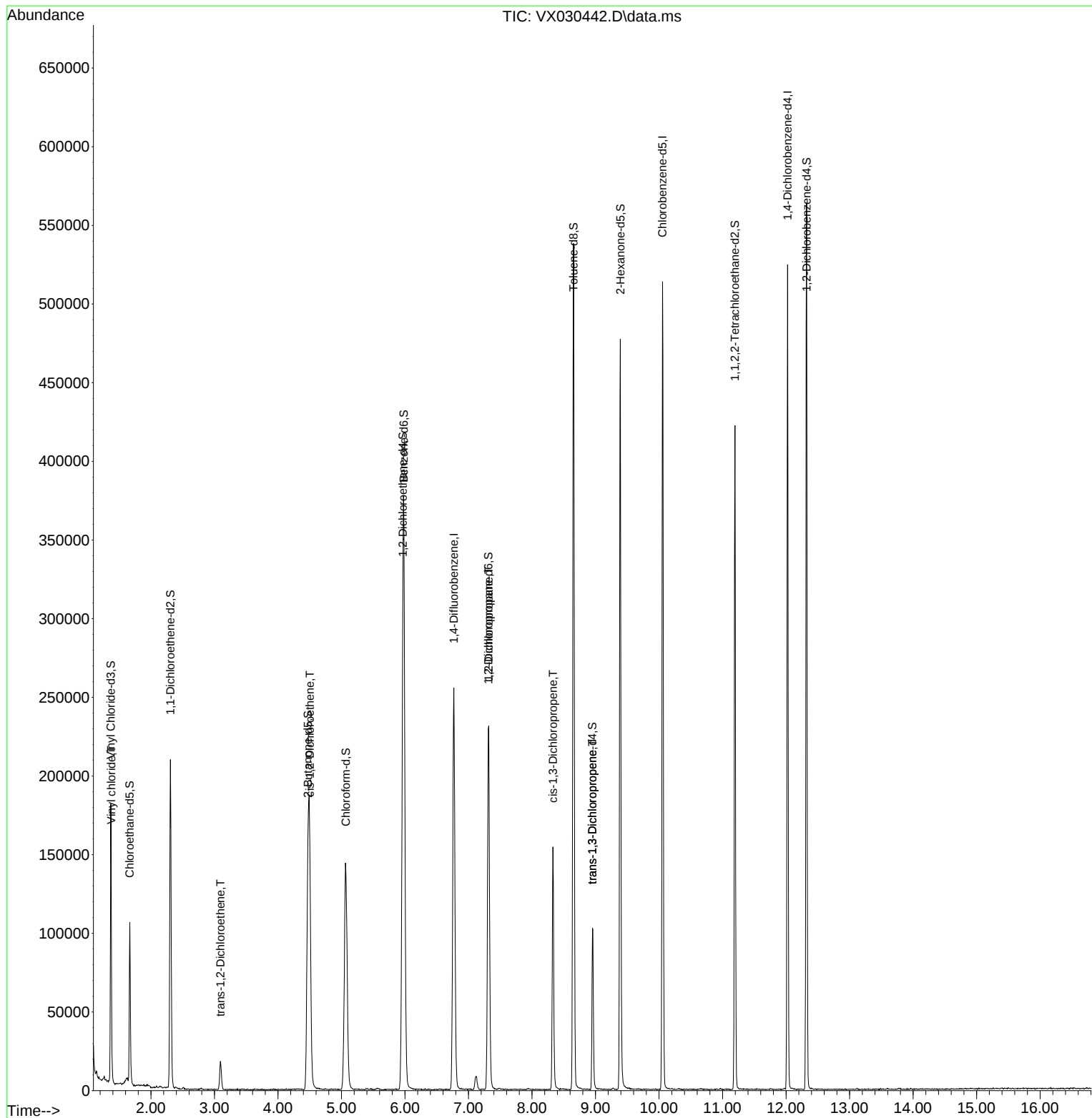
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	243720	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	216193	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	95556	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	77823	49.723	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	99.440%	
7) Chloroethane-d5	1.666	69	64914	58.834	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	117.660%	
11) 1,1-Dichloroethene-d2	2.307	63	114294	38.605	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	77.220%	
21) 2-Butanone-d5	4.471	46	192788	132.942	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	132.940%#	
24) Chloroform-d	5.068	84	176772	54.866	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	109.740%	
26) 1,2-Dichloroethane-d4	5.964	65	126983	58.045	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	116.100%	
32) Benzene-d6	5.983	84	346736	55.990	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	111.980%	
36) 1,2-Dichloropropane-d6	7.312	67	116976	58.220	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	116.440%	
41) Toluene-d8	8.653	98	308958	52.928	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	105.860%	
43) trans-1,3-Dichloroprop...	8.952	79	48649	48.671	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	97.340%	
47) 2-Hexanone-d5	9.391	63	129171	126.127	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	126.130%	
56) 1,1,2,2-Tetrachloroeth...	11.195	84	158693	60.124	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	120.240%#	
66) 1,2-Dichlorobenzene-d4	12.323	152	108244	58.403	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	116.800%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.374	62	36980	21.954	ug/L	96
17) trans-1,2-Dichloroethene	3.093	96	6597	4.174	ug/L	82
20) cis-1,2-Dichloroethene	4.501	96	79730	44.848	ug/L	97
37) 1,2-Dichloropropane	7.318	63	13119	7.118	ug/L #	90
39) cis-1,3-Dichloropropene	8.330	75	3872	1.408	ug/L	96
44) trans-1,3-Dichloropropene	8.952	75	2780	1.033	ug/L	86

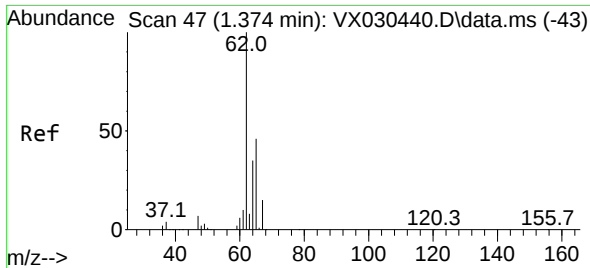
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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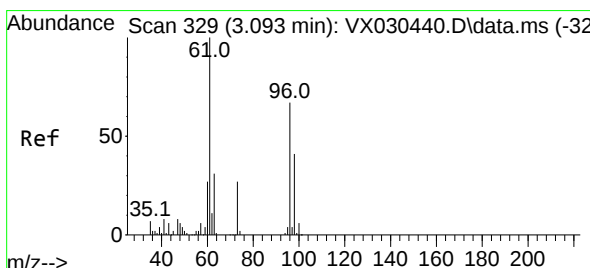
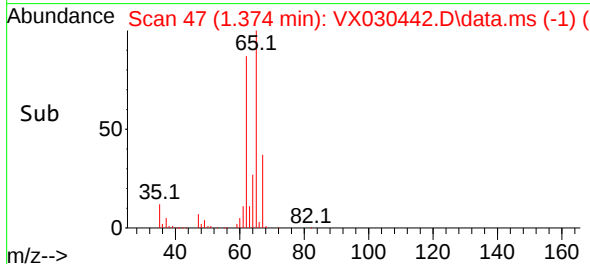
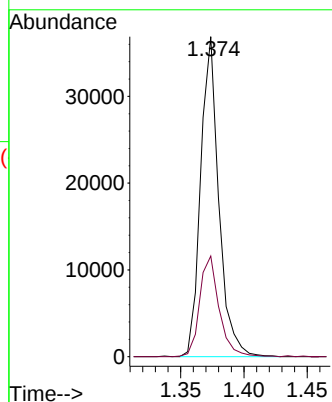
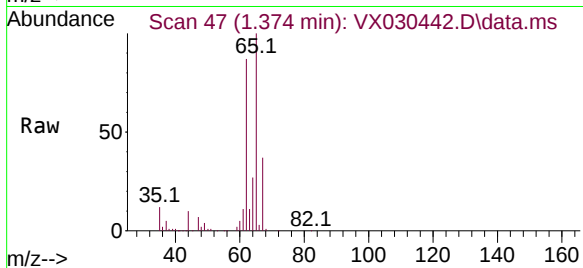




#5
 Vinyl chloride
 Concen: 21.954 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX030442.D
 Acq: 05 Aug 2022 20:51

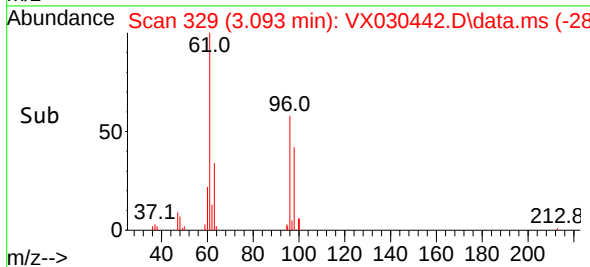
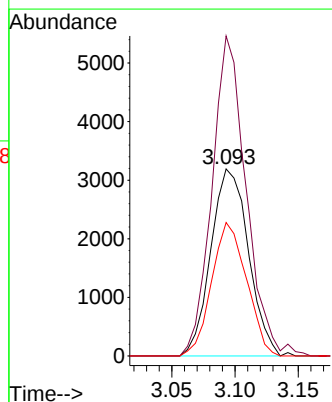
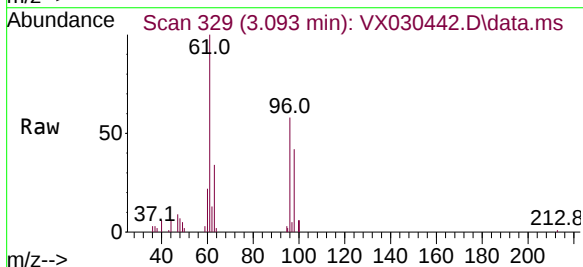
Instrument :
 MSVOA_X
 ClientSampleId :

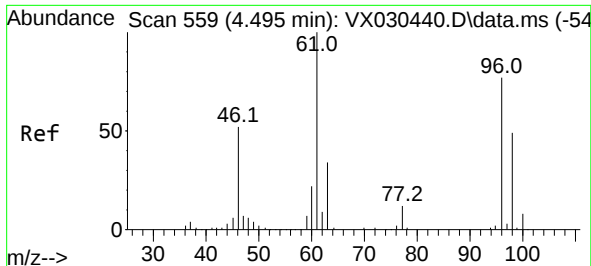
Tgt Ion: 62 Resp: 36980
 Ion Ratio Lower Upper
 62 100
 64 31.5 23.8 44.2



#17
 trans-1,2-Dichloroethene
 Concen: 4.174 ug/L
 RT: 3.093 min Scan# 329
 Delta R.T. -0.000 min
 Lab File: VX030442.D
 Acq: 05 Aug 2022 20:51

Tgt Ion: 96 Resp: 6597
 Ion Ratio Lower Upper
 96 100
 61 171.1 103.7 192.5
 98 71.4 41.5 77.1





#20

cis-1,2-Dichloroethene

Concen: 44.848 ug/L

RT: 4.501 min Scan# 5

Delta R.T. 0.006 min

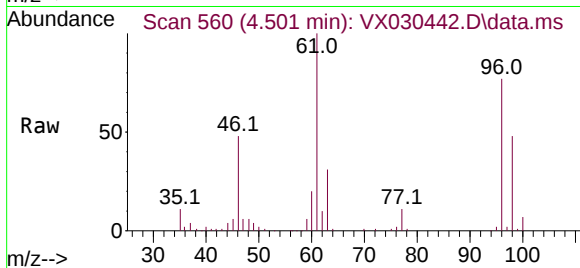
Lab File: VX030442.D

Acq: 05 Aug 2022 20:51

Instrument :

MSVOA_X

ClientSampleId :



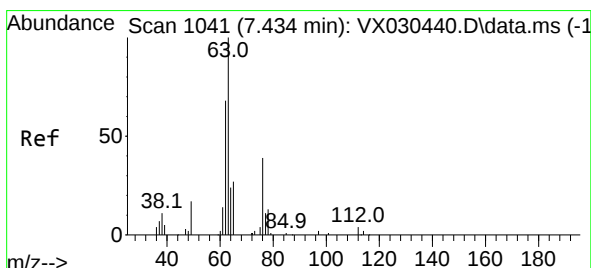
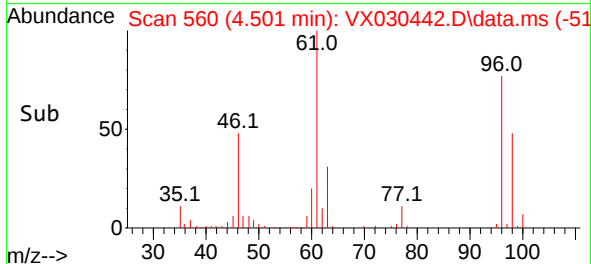
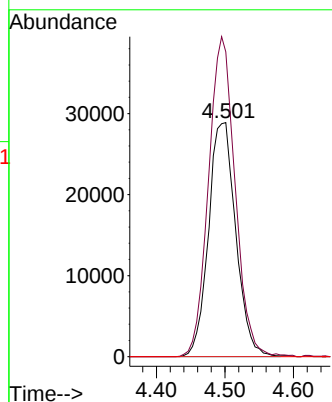
Tgt Ion: 96 Resp: 79730

Ion Ratio Lower Upper

96 100

61 130.2 94.0 174.6

68 0.0 0.0 0.0



#37

1,2-Dichloropropane

Concen: 7.118 ug/L

RT: 7.318 min Scan# 1022

Delta R.T. -0.116 min

Lab File: VX030442.D

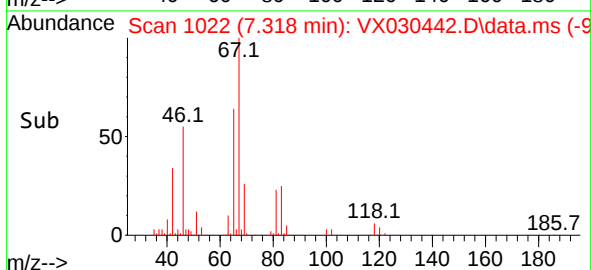
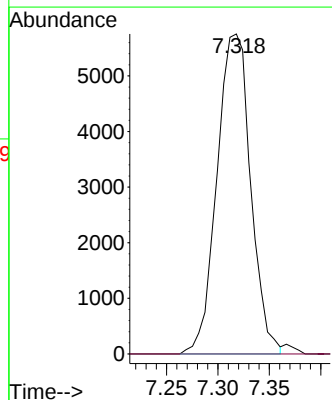
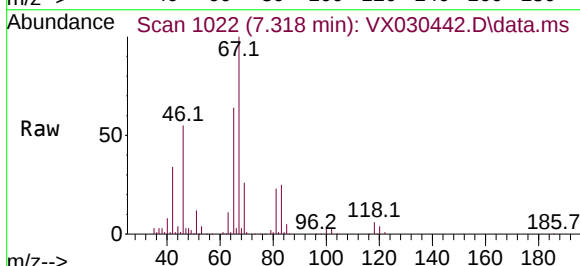
Acq: 05 Aug 2022 20:51

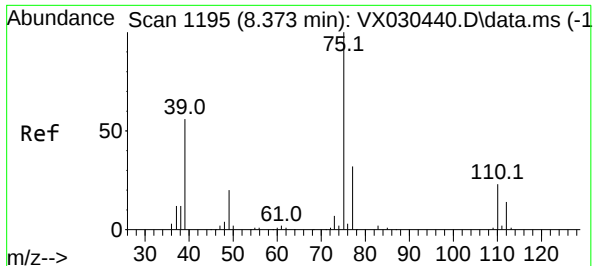
Tgt Ion: 63 Resp: 13119

Ion Ratio Lower Upper

63 100

112 0.4 3.0 4.4#





#39

cis-1,3-Dichloropropene

Concen: 1.408 ug/L

RT: 8.330 min Scan# 1195

Delta R.T. -0.043 min

Lab File: VX030442.D

Acq: 05 Aug 2022 20:51

Instrument :

MSVOA_X

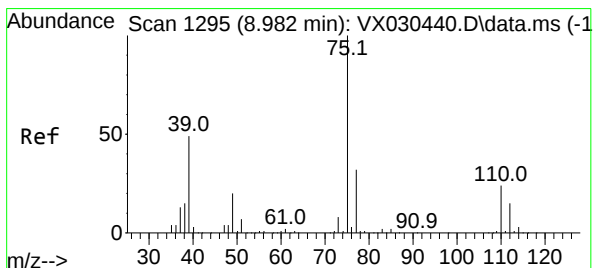
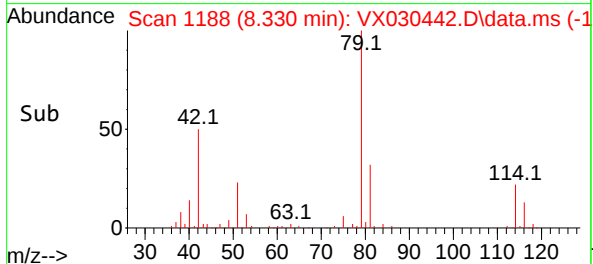
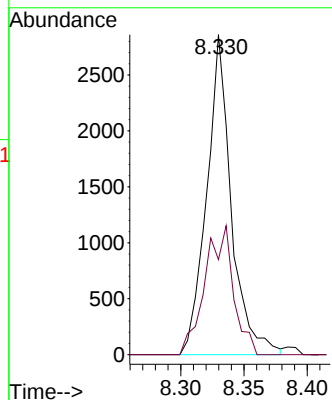
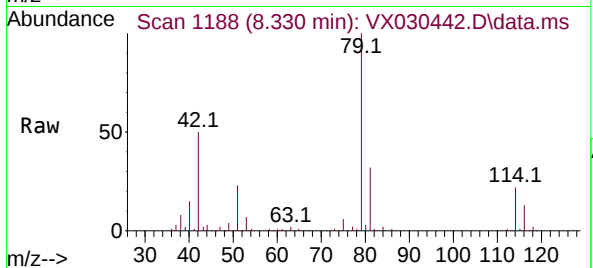
ClientSampleId :

Tgt Ion: 75 Resp: 3872

Ion Ratio Lower Upper

75 100

77 29.7 22.4 41.6



#44

trans-1,3-Dichloropropene

Concen: 1.033 ug/L

RT: 8.952 min Scan# 1290

Delta R.T. -0.031 min

Lab File: VX030442.D

Acq: 05 Aug 2022 20:51

Tgt Ion: 75 Resp: 2780

Ion Ratio Lower Upper

75 100

77 40.2 22.5 41.7

