

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081222\
 Data File : VX030602.D
 Acq On : 12 Aug 2022 18:18
 Operator : JC/MD
 Sample : N4131-07DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 F5D35DL

Quant Time: Aug 12 23:32:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 12 23:28:07 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

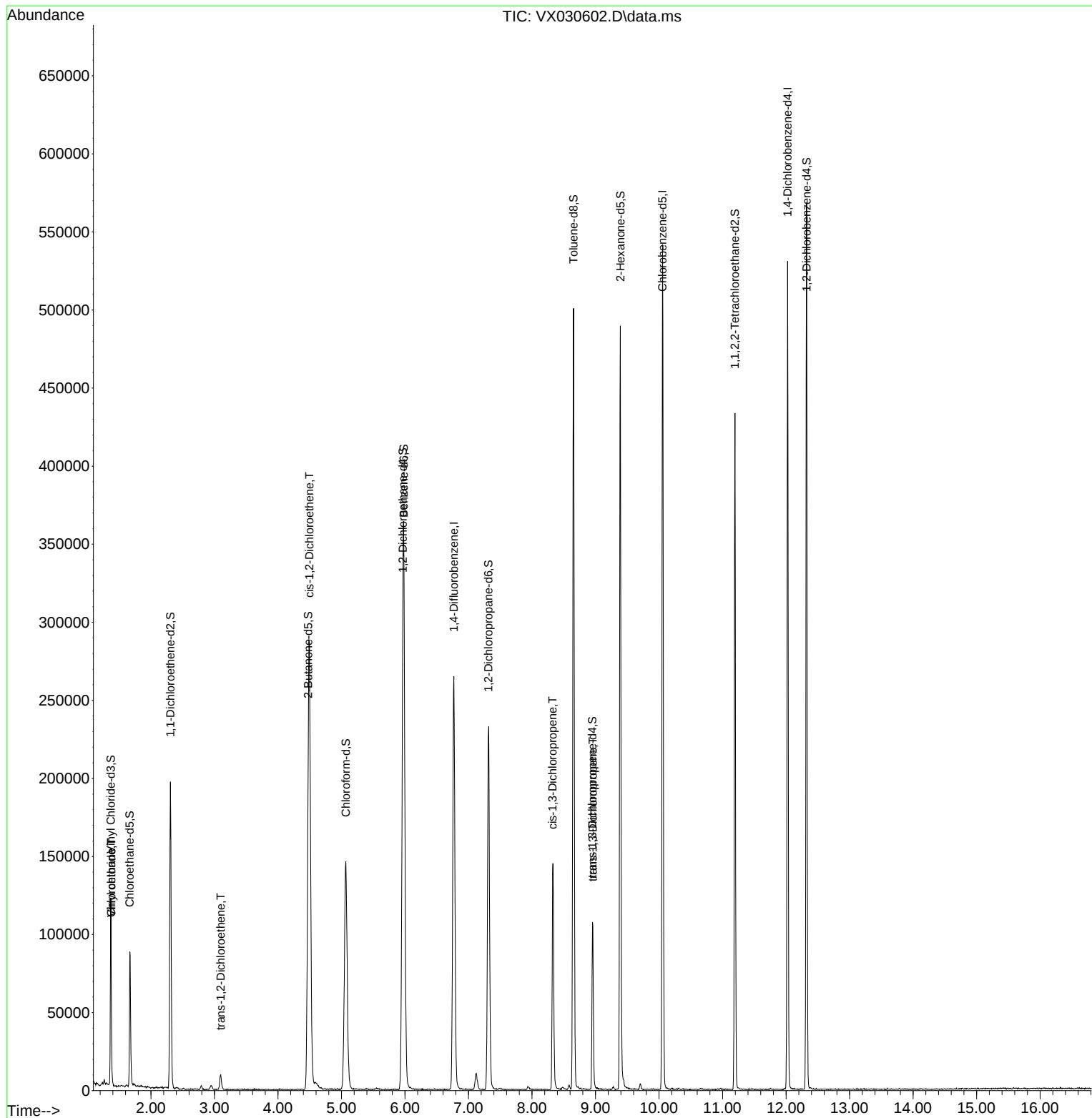
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	252271	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	225355	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	97751	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	64883	40.050	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.100%
7) Chloroethane-d5	1.666	69	55444	48.548	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.100%
11) 1,1-Dichloroethene-d2	2.306	63	113120	36.913	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.820%
21) 2-Butanone-d5	4.477	46	201486	134.230	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	134.230%#
24) Chloroform-d	5.068	84	174599	52.355	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.720%
26) 1,2-Dichloroethane-d4	5.964	65	129472	57.177	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	114.360%
32) Benzene-d6	5.982	84	325736	50.461	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.920%
36) 1,2-Dichloropropane-d6	7.312	67	114170	54.513	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	109.020%
41) Toluene-d8	8.653	98	277583	45.619	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.240%
43) trans-1,3-Dichloroprop...	8.951	79	49038	47.066	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.140%
47) 2-Hexanone-d5	9.390	63	130782	122.509	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	122.510%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	160738	58.422	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	116.840%
66) 1,2-Dichlorobenzene-d4	12.323	152	103389	54.530	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.060%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.374	62	11824	6.782	ug/L	93
8) Chloroethane	1.374	64	4687	4.719	ug/L	90
17) trans-1,2-Dichloroethene	3.099	96	3392	2.074	ug/L	94
20) cis-1,2-Dichloroethene	4.495	96	122427	66.531	ug/L	95
39) cis-1,3-Dichloropropene	8.324	75	3526	1.230	ug/L	92
44) trans-1,3-Dichloropropene	8.958	75	2417	0.862	ug/L	92

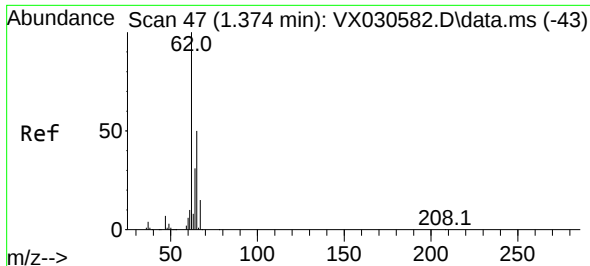
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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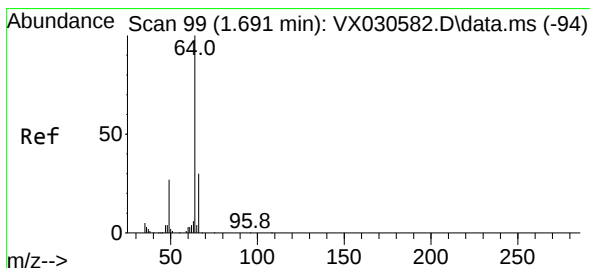
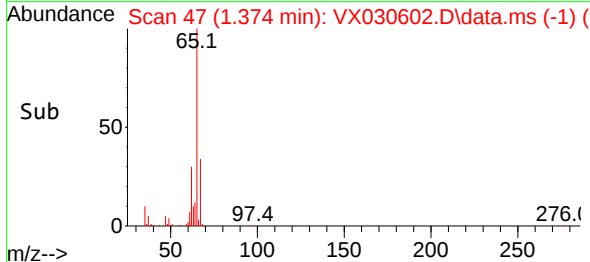
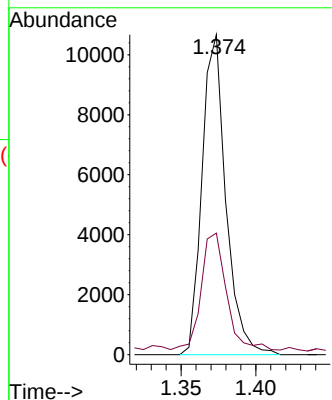
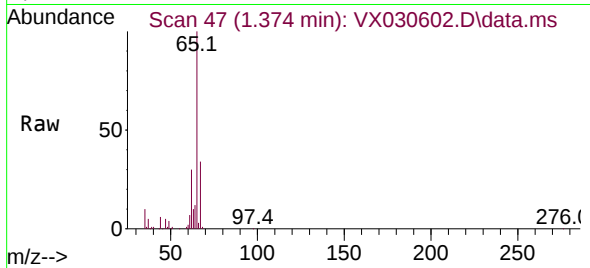




#5
 Vinyl chloride
 Concen: 6.782 ug/L
 RT: 1.374 min Scan# 47
 Delta R.T. -0.000 min
 Lab File: VX030602.D
 Acq: 12 Aug 2022 18:18

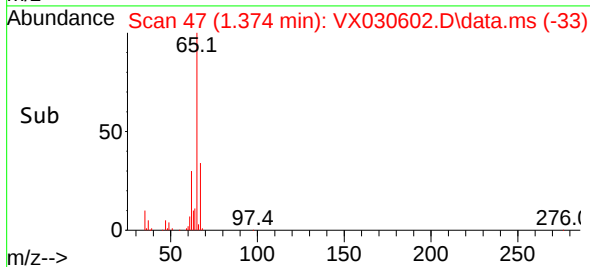
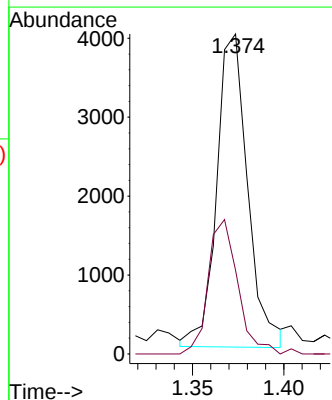
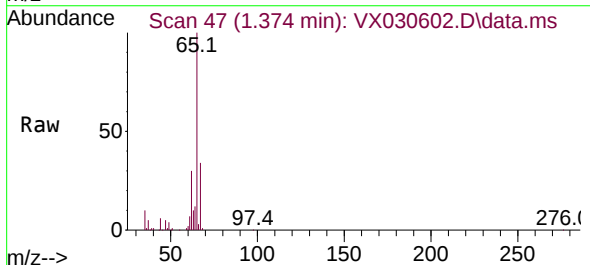
Instrument :
 MSVOA_X
 ClientSampleId :
 F5D35DL

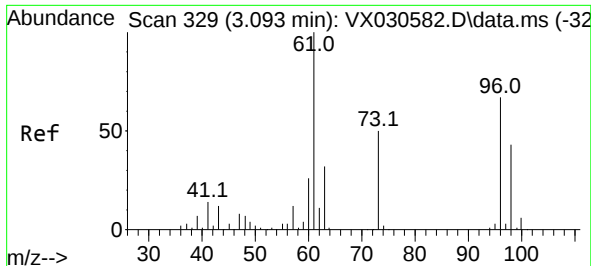
Tgt Ion: 62 Resp: 11824
 Ion Ratio Lower Upper
 62 100
 64 38.0 23.8 44.2



#8
 Chloroethane
 Concen: 4.719 ug/L
 RT: 1.374 min Scan# 47
 Delta R.T. -0.317 min
 Lab File: VX030602.D
 Acq: 12 Aug 2022 18:18

Tgt Ion: 64 Resp: 4687
 Ion Ratio Lower Upper
 64 100
 66 26.1 22.1 41.1





#17

trans-1,2-Dichloroethene

Concen: 2.074 ug/L

RT: 3.099 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX030602.D

Acq: 12 Aug 2022 18:18

Instrument :

MSVOA_X

ClientSampleId :

F5D35DL

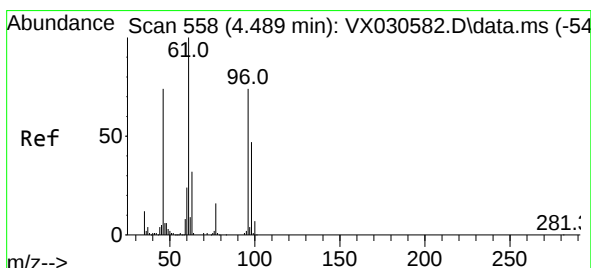
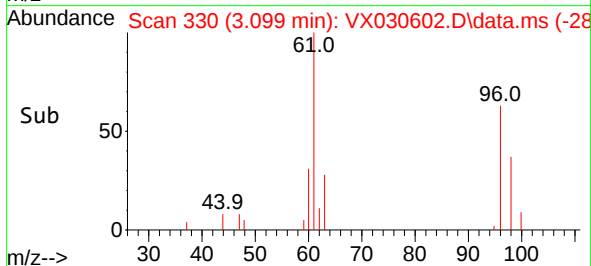
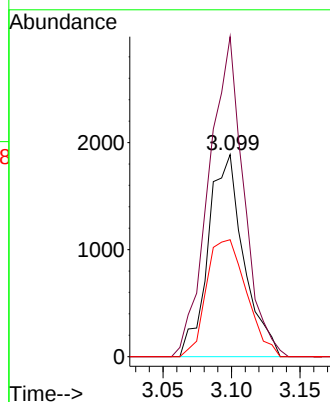
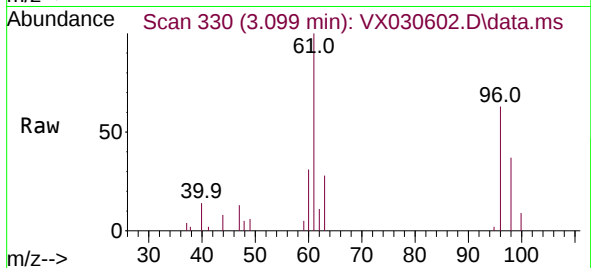
Tgt Ion: 96 Resp: 3392

Ion Ratio Lower Upper

96 100

61 158.3 103.7 192.5

98 57.9 41.5 77.1



#20

cis-1,2-Dichloroethene

Concen: 66.531 ug/L

RT: 4.495 min Scan# 559

Delta R.T. 0.006 min

Lab File: VX030602.D

Acq: 12 Aug 2022 18:18

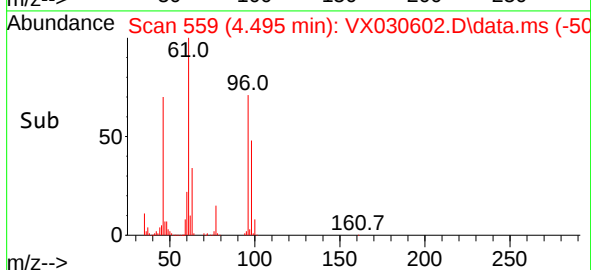
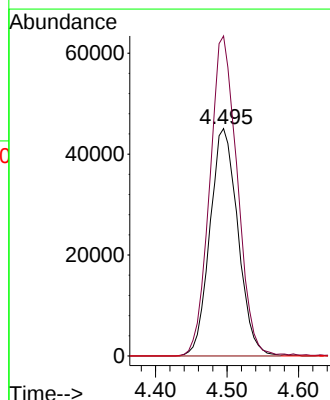
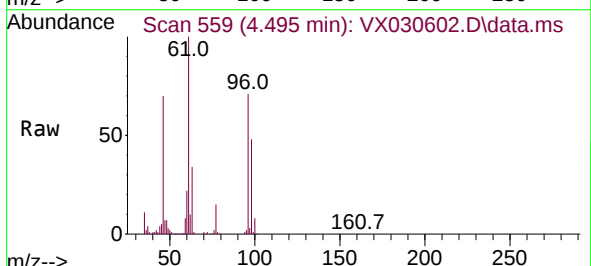
Tgt Ion: 96 Resp: 122427

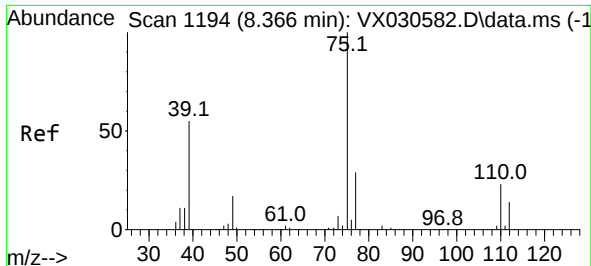
Ion Ratio Lower Upper

96 100

61 140.8 94.0 174.6

68 0.0 0.0 0.0





#39

cis-1,3-Dichloropropene

Concen: 1.230 ug/L

RT: 8.324 min Scan# 1194

Delta R.T. -0.043 min

Lab File: VX030602.D

Acq: 12 Aug 2022 18:18

Instrument :

MSVOA_X

ClientSampleId :

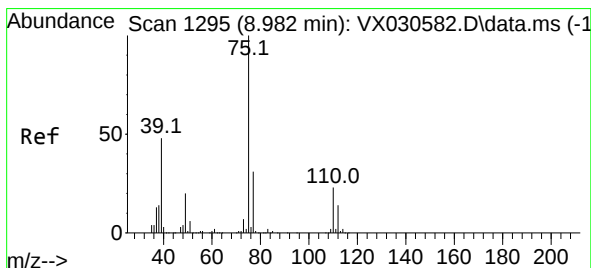
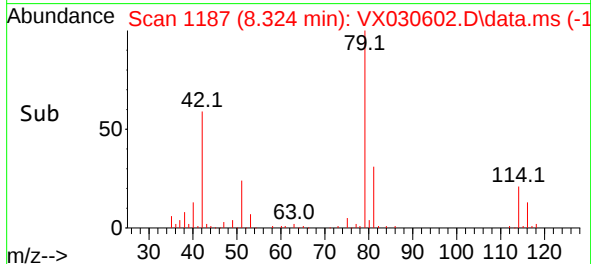
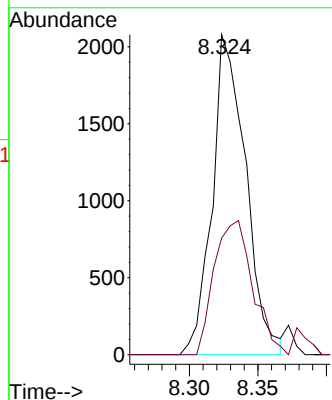
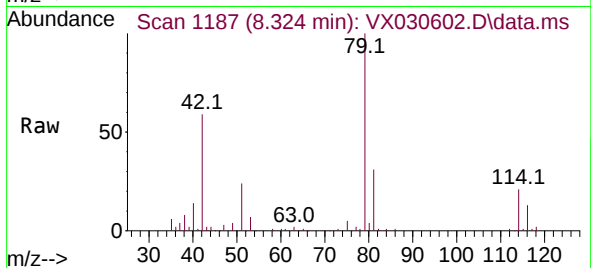
F5D35DL

Tgt Ion: 75 Resp: 3526

Ion Ratio Lower Upper

75 100

77 36.5 22.4 41.6



#44

trans-1,3-Dichloropropene

Concen: 0.862 ug/L

RT: 8.958 min Scan# 1291

Delta R.T. -0.024 min

Lab File: VX030602.D

Acq: 12 Aug 2022 18:18

Tgt Ion: 75 Resp: 2417

Ion Ratio Lower Upper

75 100

77 27.9 22.5 41.7

