

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081322\
 Data File : VX030613.D
 Acq On : 13 Aug 2022 12:13
 Operator : JC/MD
 Sample : N4131-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 13 21:16:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 13 21:15:11 2022
 Response via : Initial Calibration

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

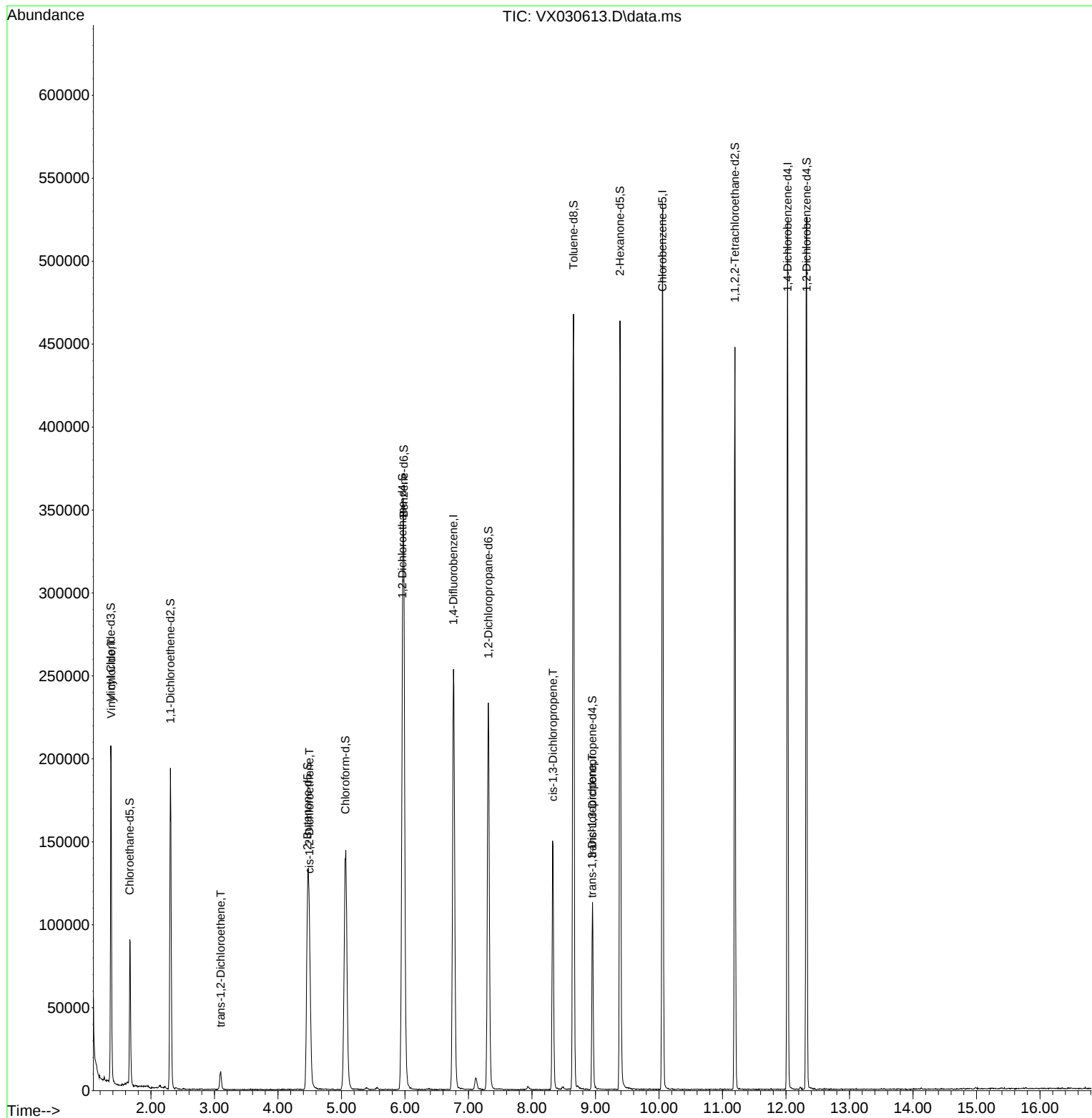
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	239051	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	218302	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	95750	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	62948	41.005	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.000%
7) Chloroethane-d5	1.666	69	57007	52.677	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.360%
11) 1,1-Dichloroethene-d2	2.307	63	107929	37.167	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.340%
21) 2-Butanone-d5	4.465	46	187145	131.571	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	131.570%#
24) Chloroform-d	5.062	84	176431	55.830	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.660%
26) 1,2-Dichloroethane-d4	5.958	65	132382	61.695	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	123.400%
32) Benzene-d6	5.983	84	319744	51.133	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.260%
36) 1,2-Dichloropropane-d6	7.312	67	114126	56.253	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	112.500%
41) Toluene-d8	8.653	98	272533	46.237	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.480%
43) trans-1,3-Dichloroprop...	8.952	79	50579	50.113	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.220%
47) 2-Hexanone-d5	9.385	63	124463	120.356	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	120.360%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	165753	62.192	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	124.380%#
66) 1,2-Dichlorobenzene-d4	12.323	152	99159	53.392	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.780%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.374	62	74022	44.804	ug/L	99
17) trans-1,2-Dichloroethene	3.099	96	4500	2.903	ug/L	88
20) cis-1,2-Dichloroethene	4.495	96	38773	22.236	ug/L	100
39) cis-1,3-Dichloropropene	8.330	75	3061	1.103	ug/L #	68
44) trans-1,3-Dichloropropene	8.946	75	2693	0.991	ug/L	86

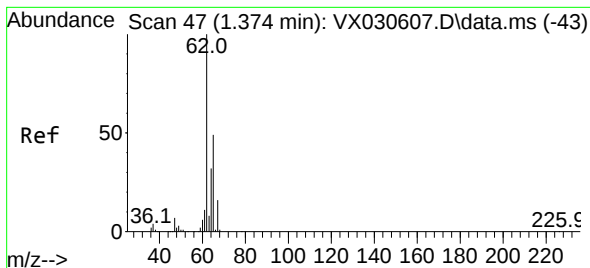
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 44.804 ug/L

RT: 1.374 min Scan# 41

Delta R.T. 0.000 min

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Instrument :

MSVOA_X

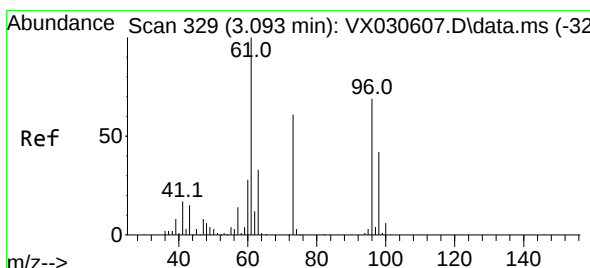
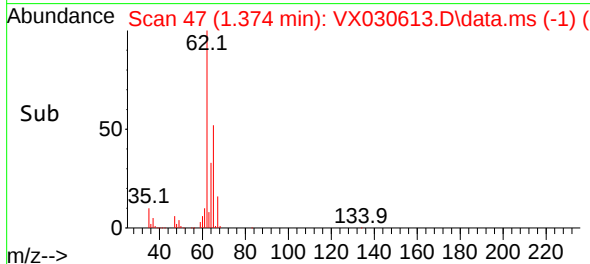
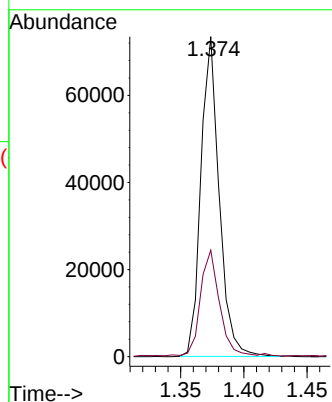
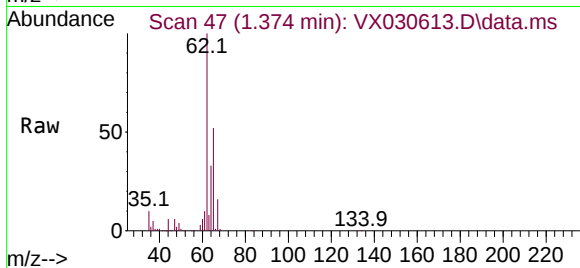
ClientSampleId :

Tgt Ion: 62 Resp: 74022

Ion Ratio Lower Upper

62 100

64 33.3 23.8 44.2



#17

trans-1,2-Dichloroethene

Concen: 2.903 ug/L

RT: 3.099 min Scan# 330

Delta R.T. 0.006 min

Lab File: VX030613.D

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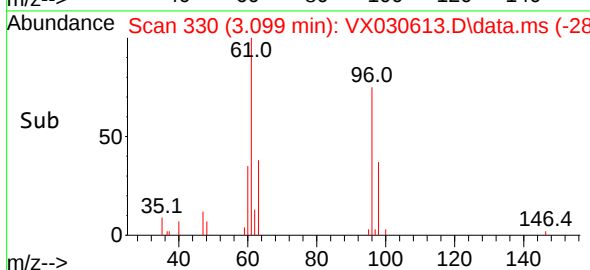
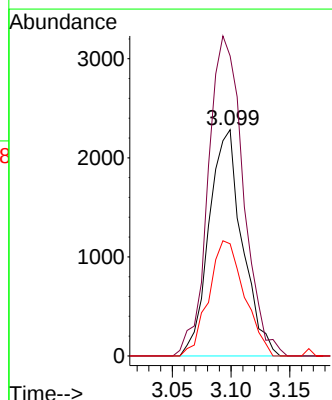
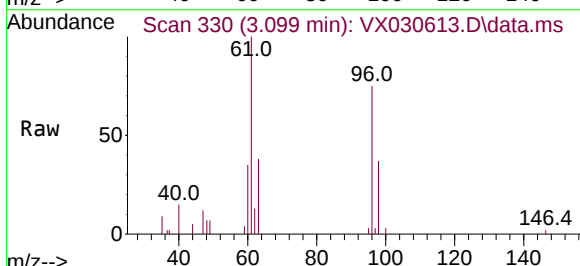
Tgt Ion: 96 Resp: 4500

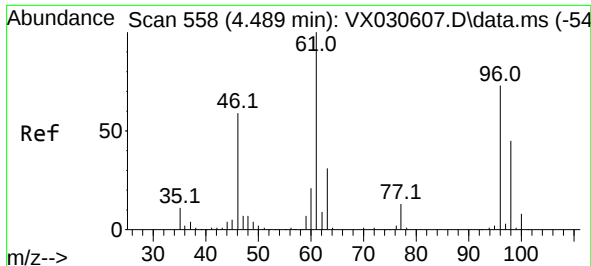
Ion Ratio Lower Upper

96 100

61 132.6 103.7 192.5

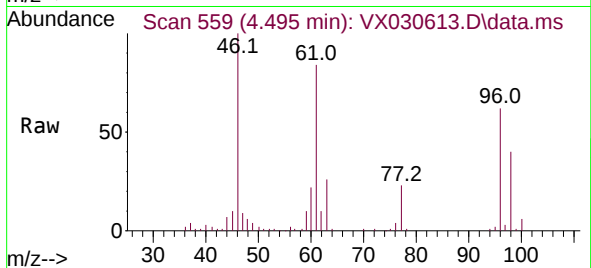
98 49.6 41.5 77.1



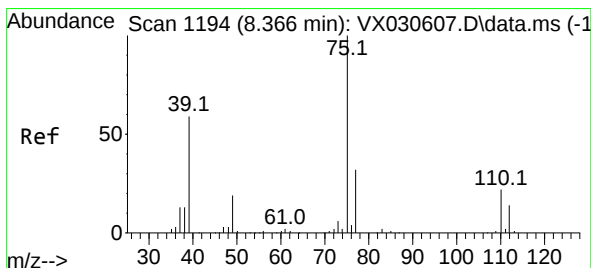
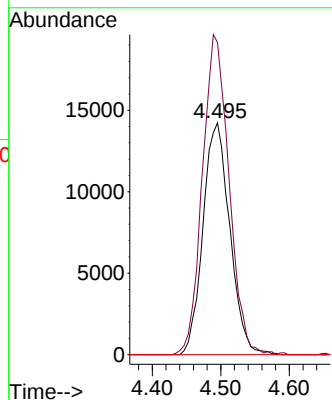
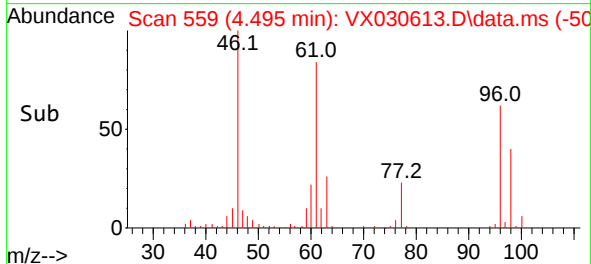


#20
 cis-1,2-Dichloroethene
 Concen: 22.236 ug/L
 RT: 4.495 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VX030613.D
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Instrument :
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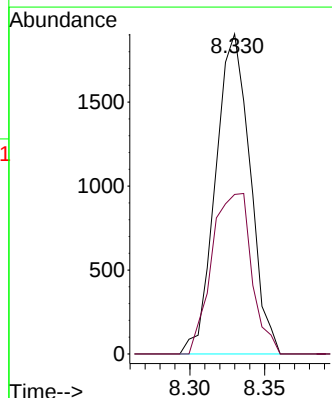
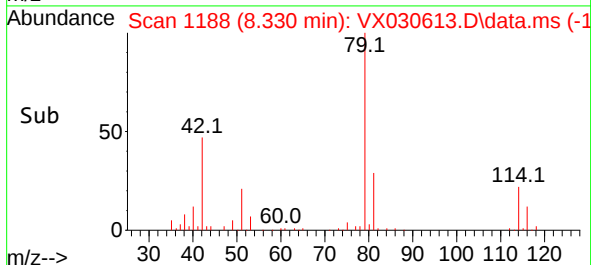
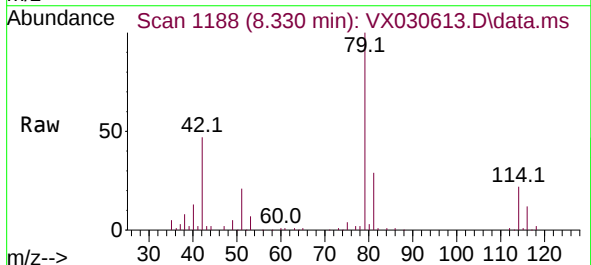


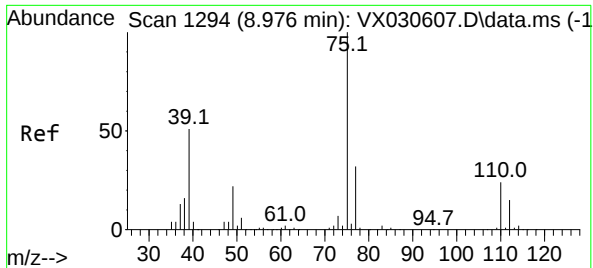
Tgt Ion: 96 Resp: 38773
 Ion Ratio Lower Upper
 96 100
 61 134.7 94.0 174.6
 68 0.0 0.0 0.0



#39
 cis-1,3-Dichloropropene
 Concen: 1.103 ug/L
 RT: 8.330 min Scan# 1188
 Delta R.T. -0.037 min
 Lab File: VX030613.D
 Acq: 13 Aug 2022 12:13

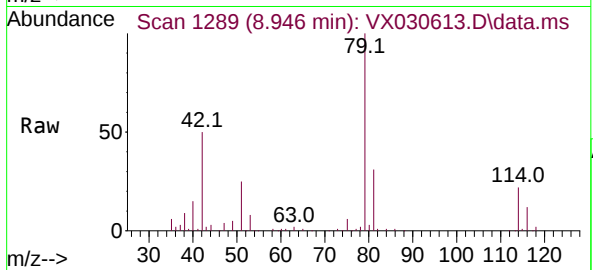
Tgt Ion: 75 Resp: 3061
 Ion Ratio Lower Upper
 75 100
 77 49.8 22.4 41.6#





#44
 trans-1,3-Dichloropropene
 Concen: 0.991 ug/L
 RT: 8.946 min Scan# 11
 Delta R.T. -0.030 min
 Lab File: VX030613.D
 Acq: 13 Aug 2022 12:13

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 2693
 Ion Ratio Lower Upper
 75 100
 77 24.4 22.5 41.7

