

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122723\
 Data File : VX039494.D
 Acq On : 27 Dec 2023 14:14
 Operator : JC/MD
 Sample : 05988-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 28 04:09:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 28 04:06:47 2023
 Response via : Initial Calibration

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

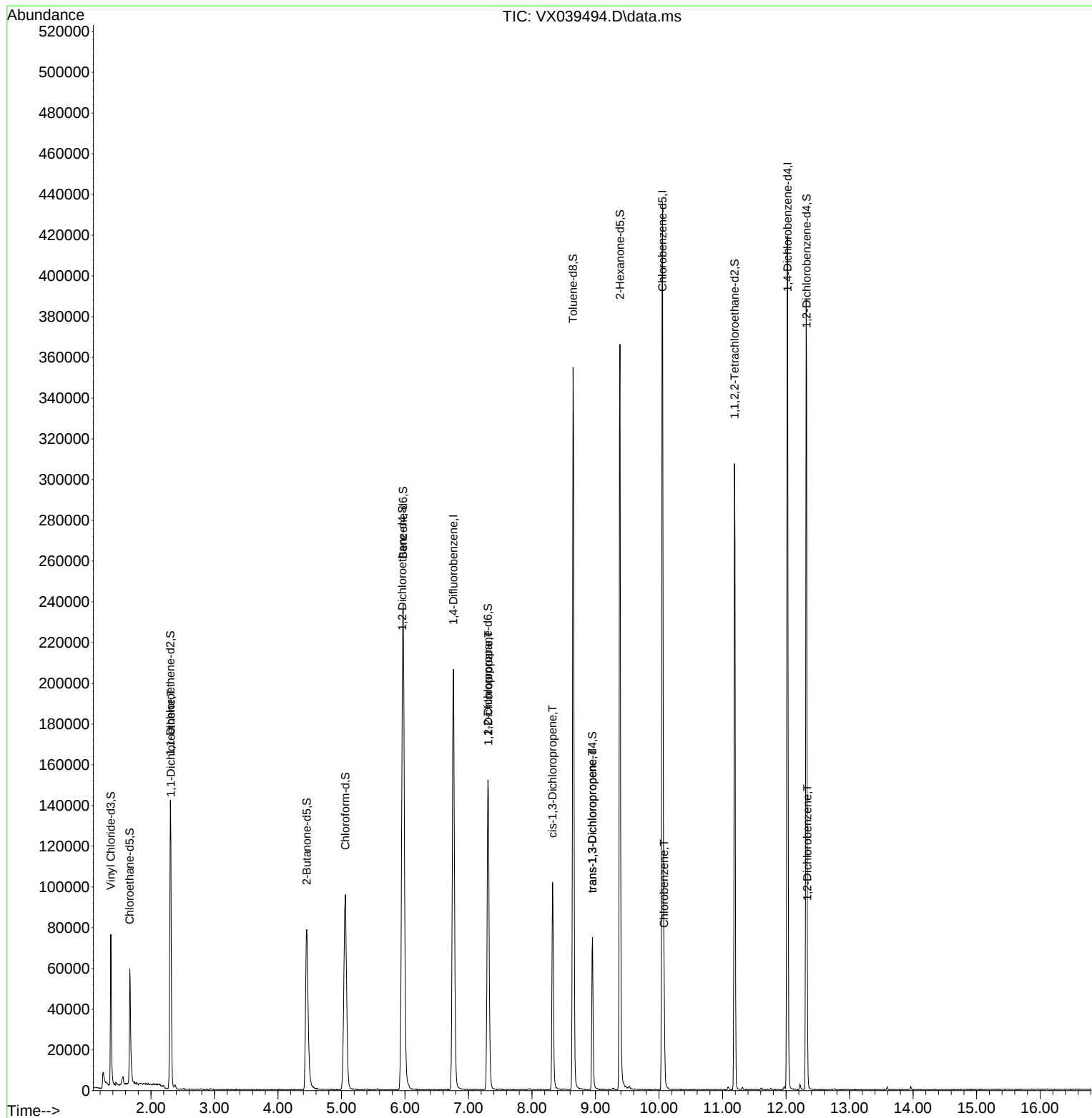
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	195836	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	184034	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	80367	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	48052	31.283	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	62.560%
7) Chloroethane-d5	1.666	69	40867	35.995	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	72.000%
11) 1,1-Dichloroethene-d2	2.306	65	25503	37.824	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.640%
21) 2-Butanone-d5	4.452	46	141118	101.494	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.490%
24) Chloroform-d	5.062	84	116903	42.993	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.980%
26) 1,2-Dichloroethane-d4	5.958	65	79546	45.171	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.340%
32) Benzene-d6	5.970	84	227001	39.967	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.940%
36) 1,2-Dichloropropane-d6	7.305	67	77639	42.476	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.960%
41) Toluene-d8	8.647	98	199192	38.700	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.400%#
43) trans-1,3-Dichloroprop...	8.951	79	33482	35.996	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.000%
47) 2-Hexanone-d5	9.384	63	101145	92.649	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.650%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	118769	45.805	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.600%
66) 1,2-Dichlorobenzene-d4	12.323	152	70110	46.153	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.300%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.312	96	595	0.472	ug/L #	1
37) 1,2-Dichloropropane	7.312	63	9031	5.568	ug/L #	89
39) cis-1,3-Dichloropropene	8.324	75	2620	1.013	ug/L	86
44) trans-1,3-Dichloropropene	8.951	75	1745	0.727	ug/L	96
51) Chlorobenzene	10.079	112	18388	4.800	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	2852	1.186	ug/L	89

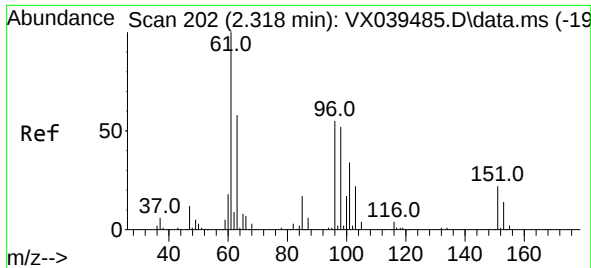
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Dec 28 04:06:47 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.472 ug/L

RT: 2.312 min Scan# 20

Delta R.T. -0.006 min

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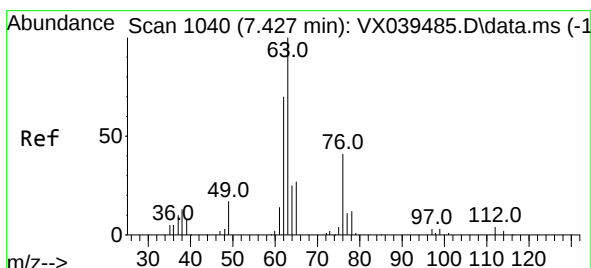
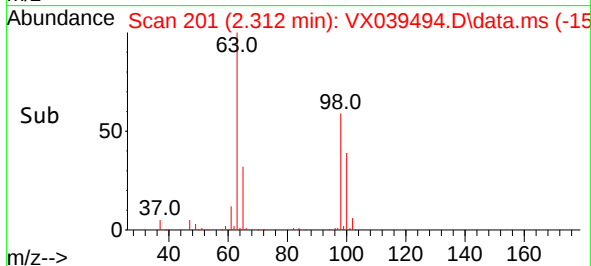
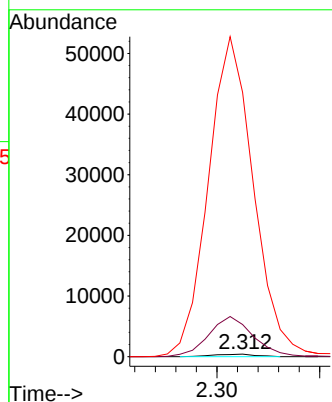
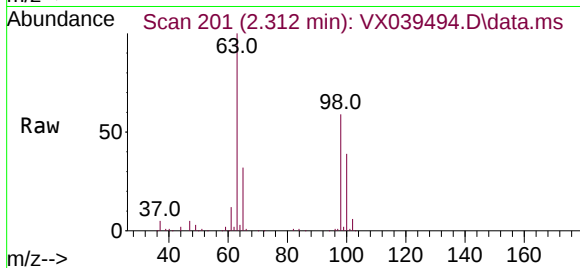
Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 96 Resp: 595

Ion	Ratio	Lower	Upper
96	100		
61	1239.5	128.0	237.6#
63	10179.4	101.5	188.5#



#37

1,2-Dichloropropane

Concen: 5.568 ug/L

RT: 7.312 min Scan# 1021

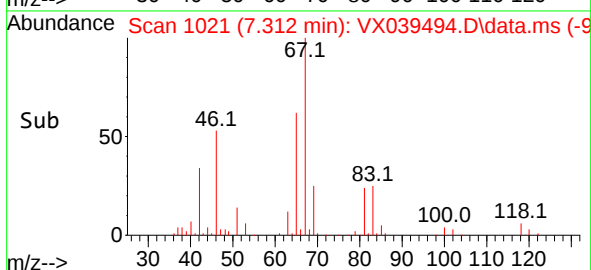
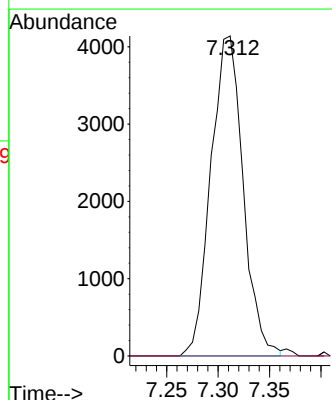
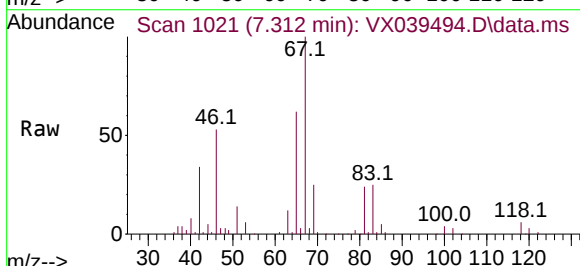
Delta R.T. -0.116 min

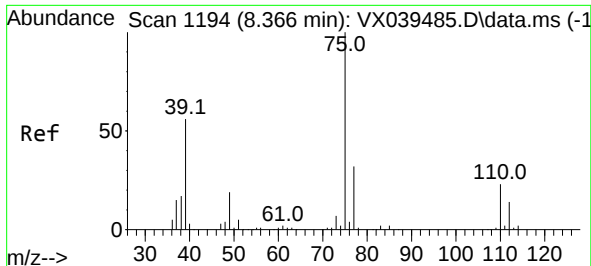
Lab File: VX039494.D

Acq: 27 Dec 2023 14:14

Tgt Ion: 63 Resp: 9031

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.8	4.2#





#39

cis-1,3-Dichloropropene

Concen: 1.013 ug/L

RT: 8.324 min Scan# 1194

Delta R.T. -0.043 min

Lab File: VX039494.D

Acq: 27 Dec 2023 14:14

Instrument :

MSVOA_X

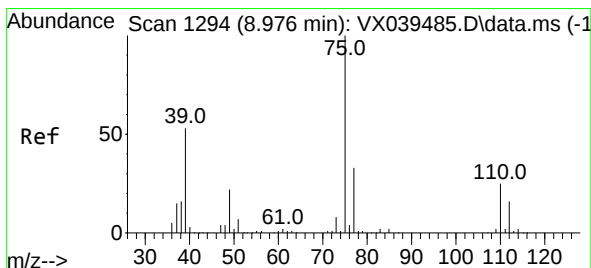
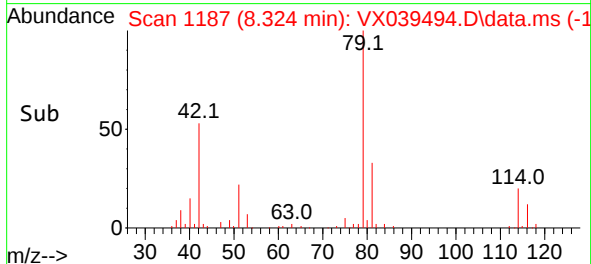
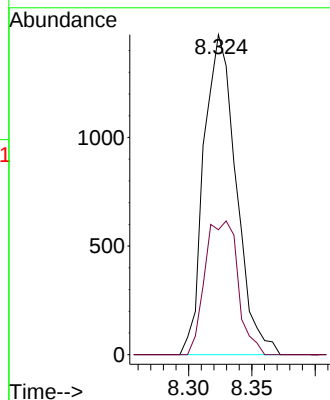
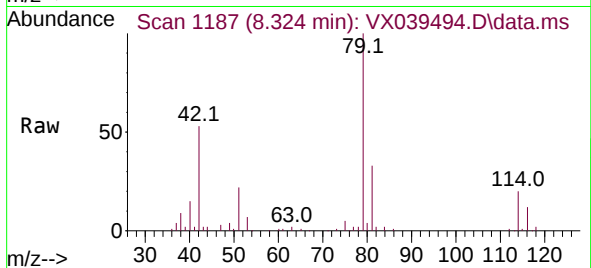
ClientSampleId :

Tgt Ion: 75 Resp: 2620

Ion Ratio Lower Upper

75 100

77 39.0 22.0 40.8



#44

trans-1,3-Dichloropropene

Concen: 0.727 ug/L

RT: 8.951 min Scan# 1290

Delta R.T. -0.024 min

Lab File: VX039494.D

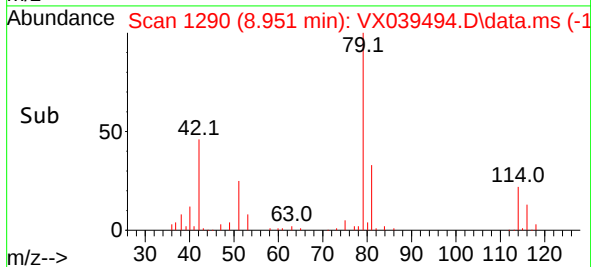
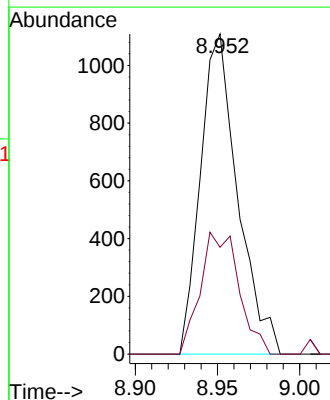
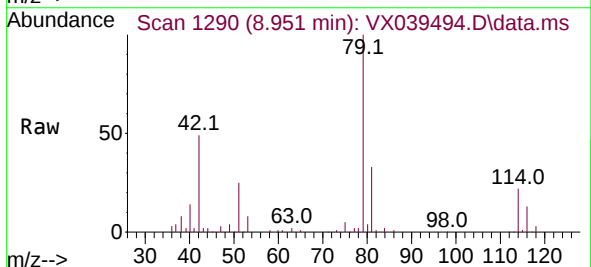
Acq: 27 Dec 2023 14:14

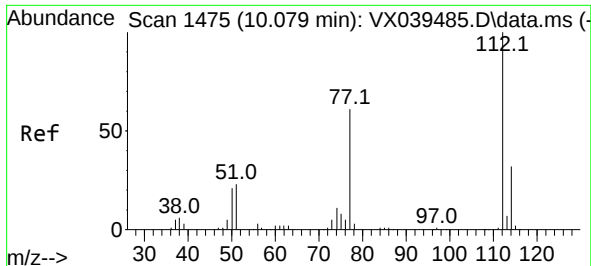
Tgt Ion: 75 Resp: 1745

Ion Ratio Lower Upper

75 100

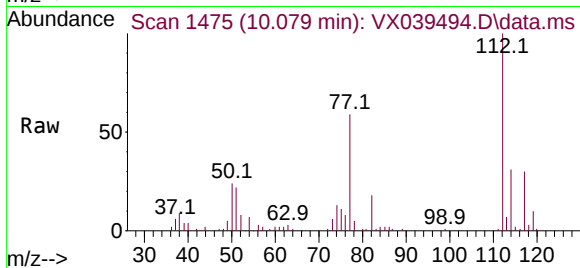
77 33.4 22.0 40.8



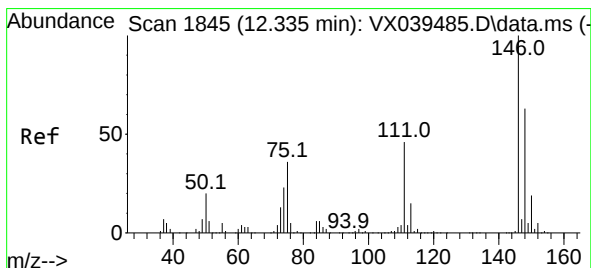
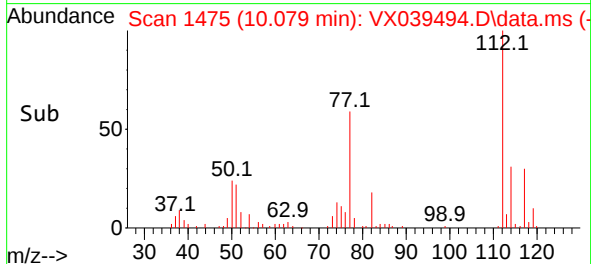
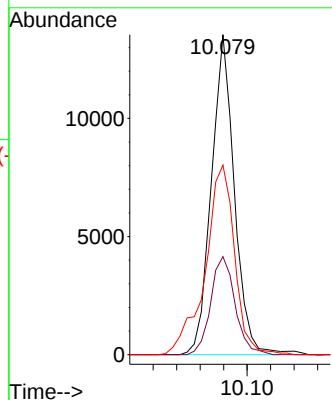


#51
Chlorobenzene
Concen: 4.800 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX039494.D
Acq: 27 Dec 2023 14:14

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:112 Resp: 18388
Ion Ratio Lower Upper
112 100
114 30.7 21.8 40.4
77 59.3 49.0 73.6



#67
1,2-Dichlorobenzene
Concen: 1.186 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX039494.D
Acq: 27 Dec 2023 14:14

Tgt Ion:146 Resp: 2852
Ion Ratio Lower Upper
146 100
111 52.9 36.4 54.6
148 71.2 50.0 75.0

