

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122121\
 Data File : VX025957.D
 Acq On : 21 Dec 2021 15:22
 Operator : JC/MD
 Sample : M5150-17DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 22 05:38:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML122021WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 22 05:35:20 2021
 Response via : Initial Calibration

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

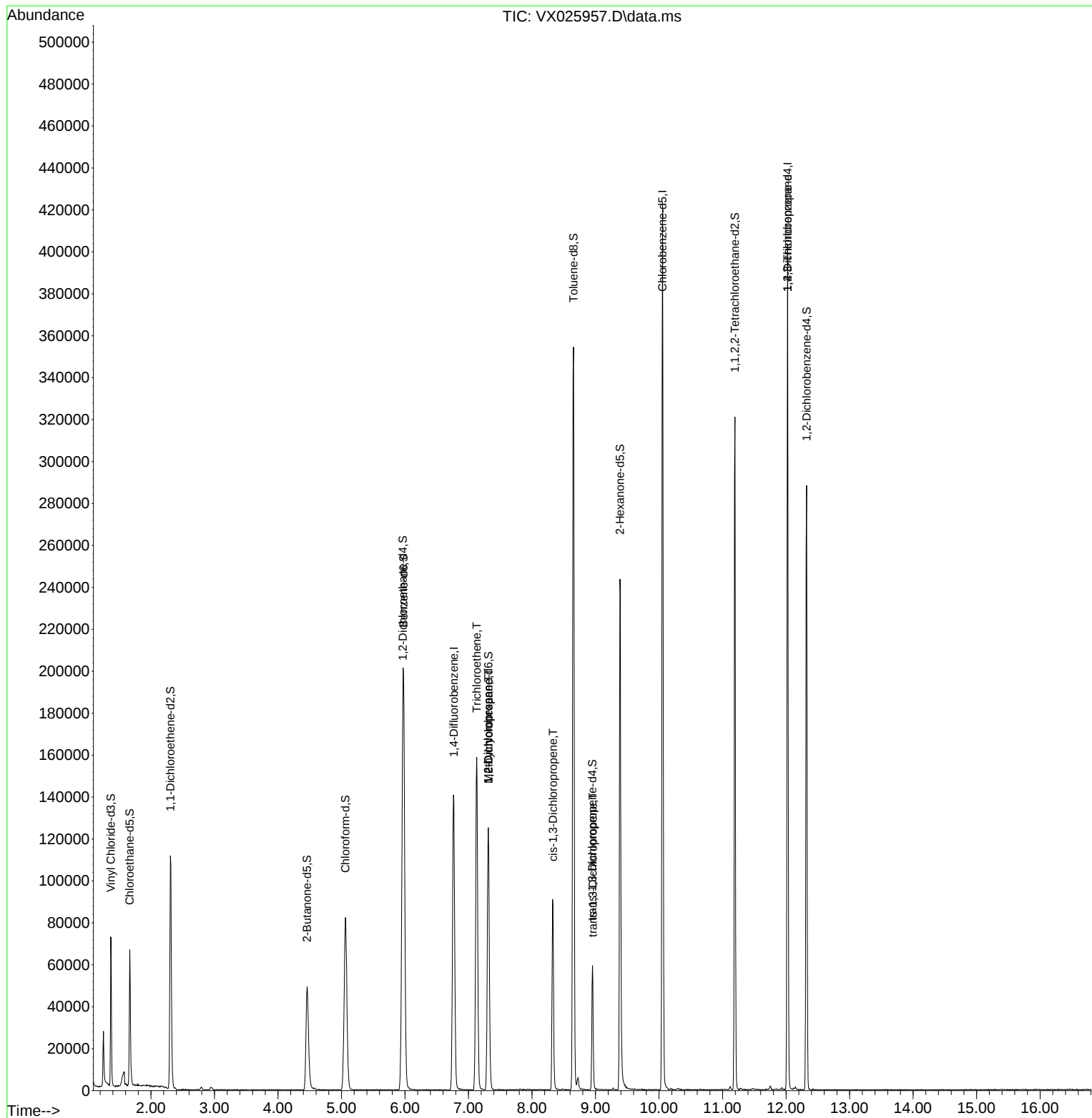
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	139619	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	187514	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	79341	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	43624	38.755	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	77.520%		
7) Chloroethane-d5	1.666	69	41674	44.336	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	88.680%		
11) 1,1-Dichloroethene-d2	2.307	63	64905	33.199	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	66.400%		
21) 2-Butanone-d5	4.459	46	85920	105.809	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	105.810%		
24) Chloroform-d	5.062	84	99430	46.081	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.160%		
26) 1,2-Dichloroethane-d4	5.964	65	69410	49.322	ug/L	0.01
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.640%		
32) Benzene-d6	5.977	84	192809	33.939	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	67.880%#		
36) 1,2-Dichloropropane-d6	7.312	67	60148	34.761	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	69.520%#		
41) Toluene-d8	8.653	98	217309	40.286	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	80.580%		
43) trans-1,3-Dichloroprop...	8.952	79	25792	33.760	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	67.520%		
47) 2-Hexanone-d5	9.384	63	71125	91.442	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	91.440%		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	116469	47.514	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	95.020%		
66) 1,2-Dichlorobenzene-d4	12.323	152	54393	32.524	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	65.040%#		
Target Compounds						Qvalue
34) Trichloroethene	7.129	95	59184	38.565	ug/L	90
35) Methylcyclohexane	7.312	83	14634	6.596	ug/L #	20
37) 1,2-Dichloropropane	7.312	63	7188	4.915	ug/L #	85
39) cis-1,3-Dichloropropene	8.330	75	2188	1.011	ug/L #	64
44) trans-1,3-Dichloropropene	8.958	75	1419	0.698	ug/L	98
61) 1,2,3-Trichloropropane	12.024	75	9614	6.014	ug/L #	60

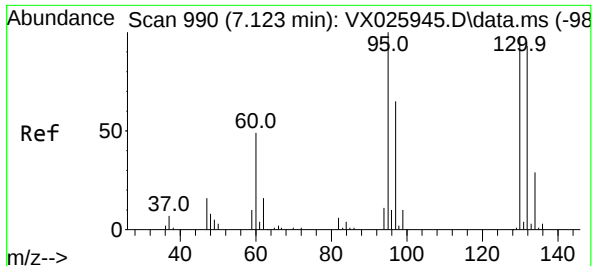
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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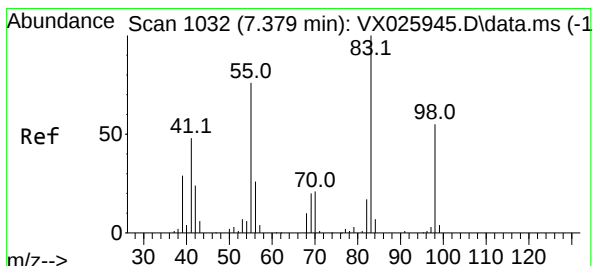
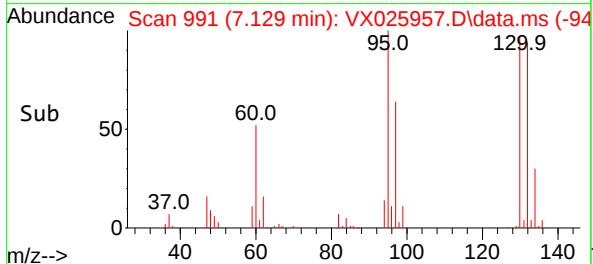
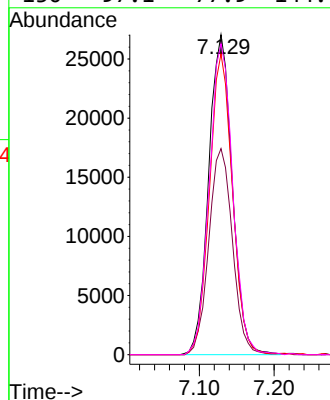
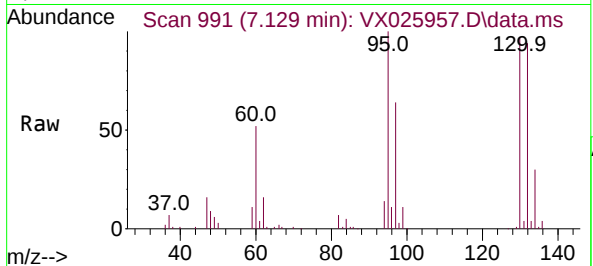


#34
Trichloroethene
Concen: 38.565 ug/L
RT: 7.129 min Scan# 990
Delta R.T. 0.006 min
Lab File: VX025957.D
Acq: 21 Dec 2021 15:22

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 95 Resp: 59184

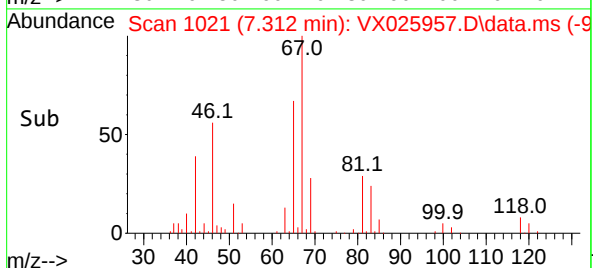
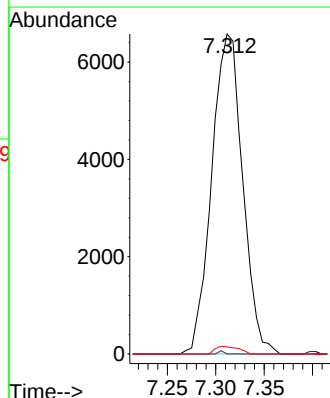
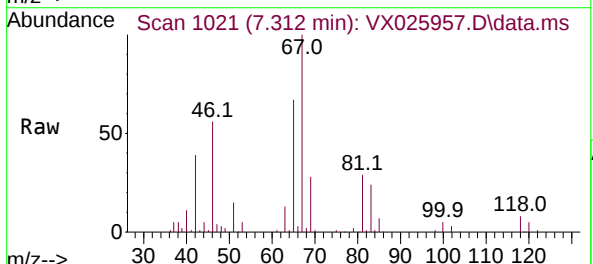
Ion	Ratio	Lower	Upper
95	100		
97	64.4	46.0	85.4
132	94.0	75.0	139.2
130	97.1	77.9	144.7

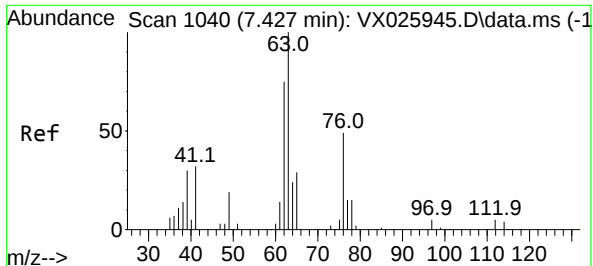


#35
Methylcyclohexane
Concen: 6.596 ug/L
RT: 7.312 min Scan# 1021
Delta R.T. -0.067 min
Lab File: VX025957.D
Acq: 21 Dec 2021 15:22

Tgt Ion: 83 Resp: 14634

Ion	Ratio	Lower	Upper
83	100		
55	0.3	57.3	85.9#
98	1.8	41.1	61.7#





#37

1,2-Dichloropropane

Concen: 4.915 ug/L

RT: 7.312 min Scan# 1188

Delta R.T. -0.116 min

Lab File: VX025957.D

Acq: 21 Dec 2021 15:22

Instrument :

MSVOA_X

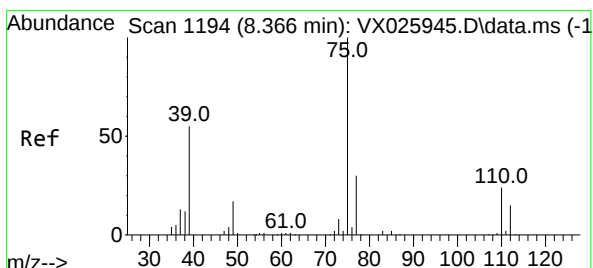
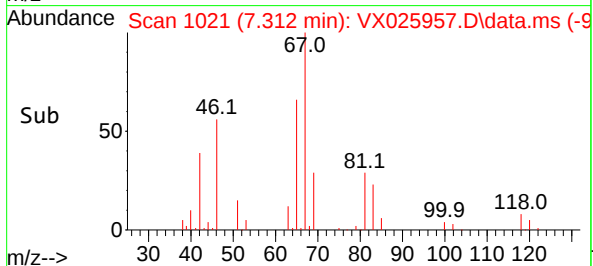
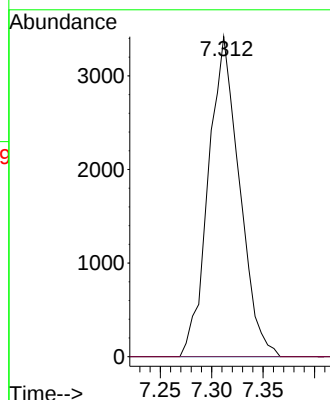
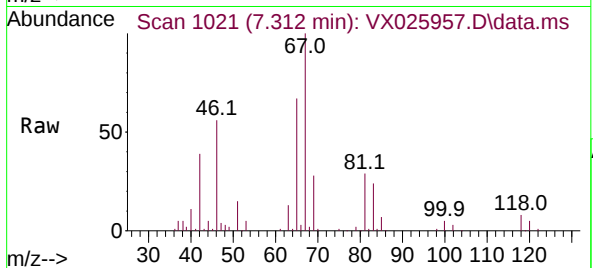
ClientSampleId :

Tgt Ion: 63 Resp: 7188

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#39

cis-1,3-Dichloropropene

Concen: 1.011 ug/L

RT: 8.330 min Scan# 1188

Delta R.T. -0.036 min

Lab File: VX025957.D

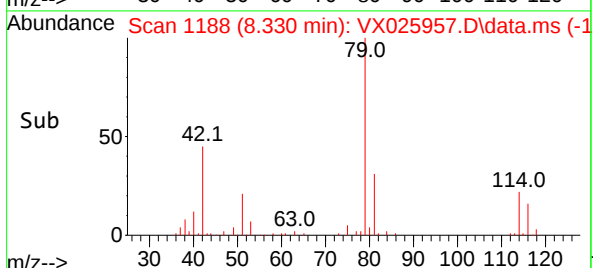
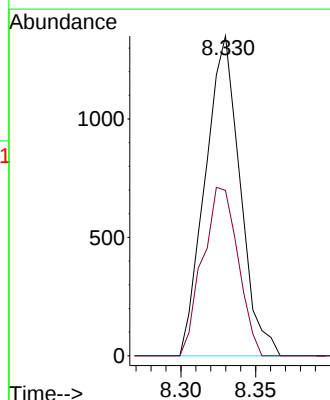
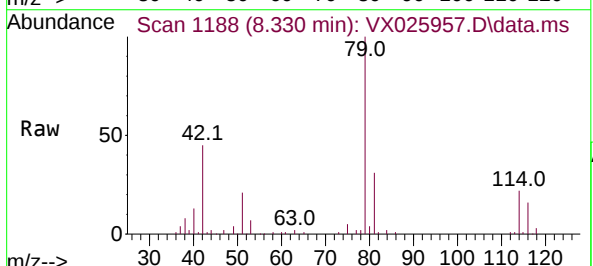
Acq: 21 Dec 2021 15:22

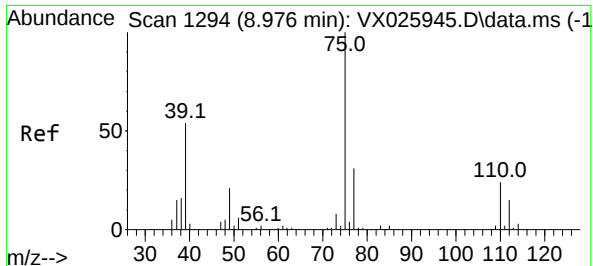
Tgt Ion: 75 Resp: 2188

Ion Ratio Lower Upper

75 100

77 51.7 22.3 41.3#

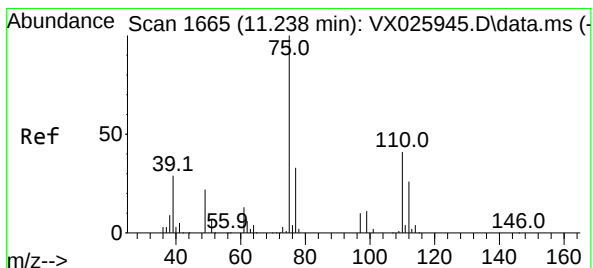
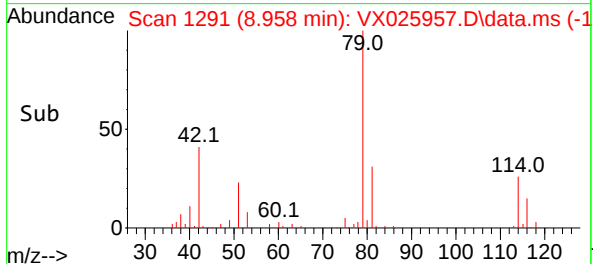
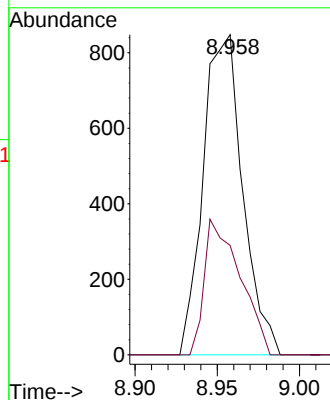
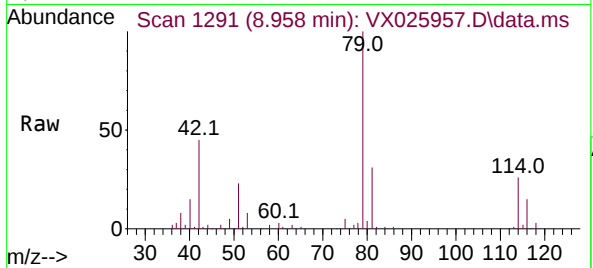




#44
trans-1,3-Dichloropropene
Concen: 0.698 ug/L
RT: 8.958 min Scan# 11
Delta R.T. -0.018 min
Lab File: VX025957.D
Acq: 21 Dec 2021 15:22

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 1419
Ion Ratio Lower Upper
75 100
77 34.2 23.0 42.8



#61
1,2,3-Trichloropropane
Concen: 6.014 ug/L
RT: 12.024 min Scan# 1794
Delta R.T. 0.787 min
Lab File: VX025957.D
Acq: 21 Dec 2021 15:22

Tgt Ion: 75 Resp: 9614
Ion Ratio Lower Upper
75 100
77 36.4 25.8 38.8
110 2.5 34.7 52.1#

