

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121021\
 Data File : VX025709.D
 Acq On : 10 Dec 2021 18:24
 Operator : JC/MD
 Sample : M4981-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 11 01:02:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML112221WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 11 00:48:07 2021
 Response via : Initial Calibration

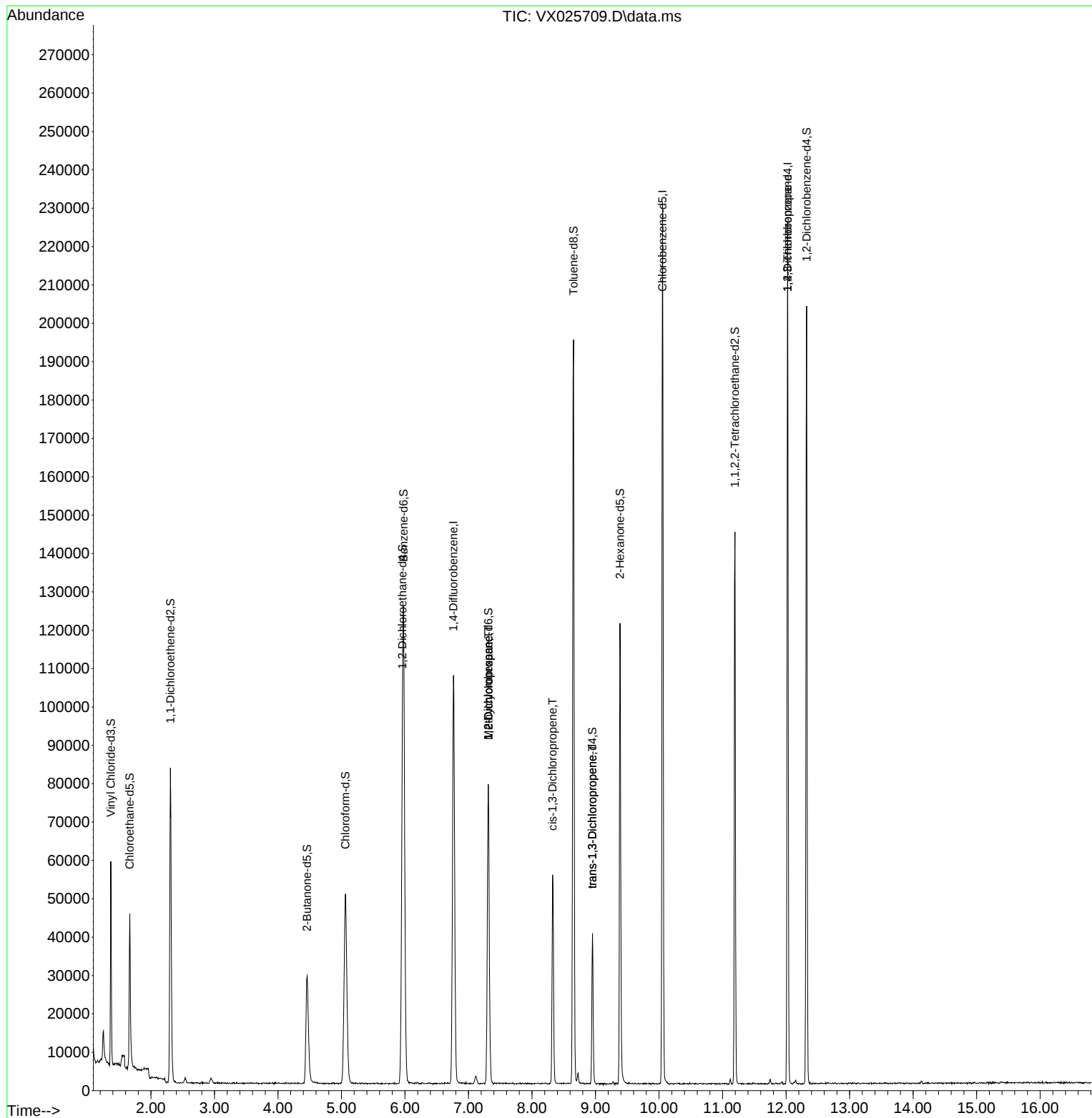
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	110540	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	102410	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	45317	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	31759	42.099	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.200%
7) Chloroethane-d5	1.666	69	27501	44.170	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.340%
11) 1,1-Dichloroethene-d2	2.306	63	45481	37.812	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.620%
21) 2-Butanone-d5	4.458	46	49011	87.276	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.280%
24) Chloroform-d	5.062	84	61269	46.471	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.940%
26) 1,2-Dichloroethane-d4	5.958	65	40499	49.281	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.560%
32) Benzene-d6	5.976	84	124398	45.833	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.660%
36) 1,2-Dichloropropane-d6	7.312	67	37118	44.170	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.340%
41) Toluene-d8	8.653	98	115109	44.931	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.860%
43) trans-1,3-Dichloroprop...	8.952	79	17394	41.170	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.340%
47) 2-Hexanone-d5	9.384	63	34655	79.224	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.220%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	52787	44.447	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.900%
66) 1,2-Dichlorobenzene-d4	12.323	152	41322	46.491	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.980%
Target Compounds						
					Qvalue	
35) Methylcyclohexane	7.312	83	9476	8.367	ug/L #	20
37) 1,2-Dichloropropane	7.312	63	4401	6.413	ug/L #	85
39) cis-1,3-Dichloropropene	8.324	75	1349	1.207	ug/L #	63
44) trans-1,3-Dichloropropene	8.952	75	944	0.879	ug/L	95
61) 1,2,3-Trichloropropane	12.024	75	5416	6.986	ug/L #	63

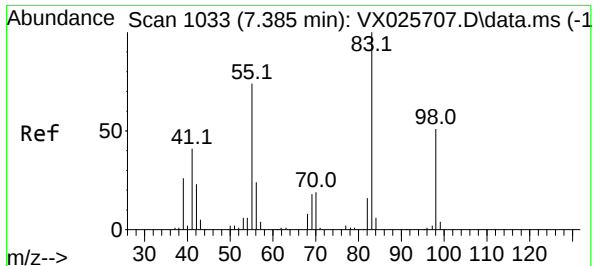
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#35

Methylcyclohexane

Concen: 8.367 ug/L

RT: 7.312 min Scan# 1021

Delta R.T. -0.073 min

Lab File: VX025709.D

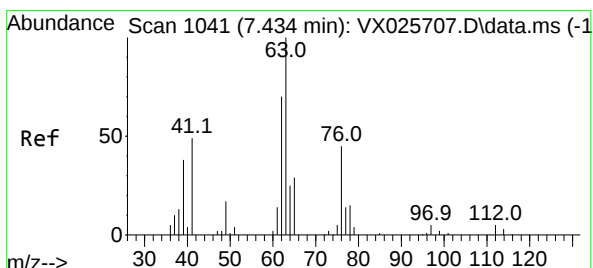
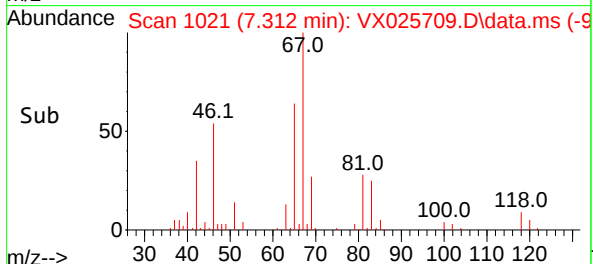
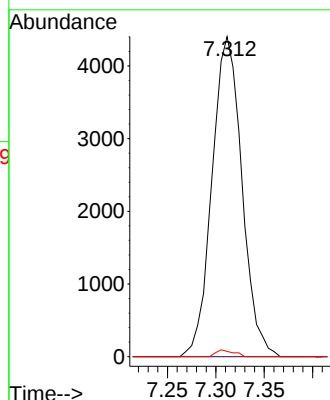
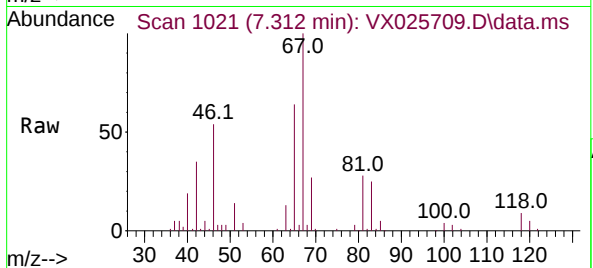
Acq: 10 Dec 2021 18:24

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 83	Resp: 9476
Ion Ratio	Lower Upper
83 100	
55 0.0	57.3 85.9#
98 1.3	41.1 61.7#



#37

1,2-Dichloropropane

Concen: 6.413 ug/L

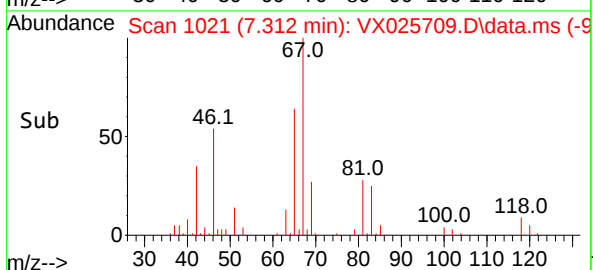
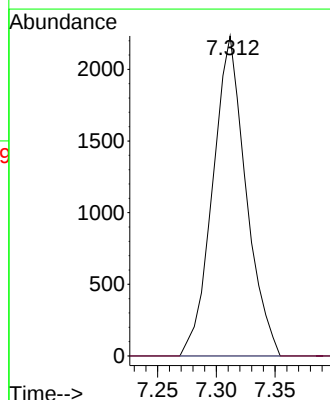
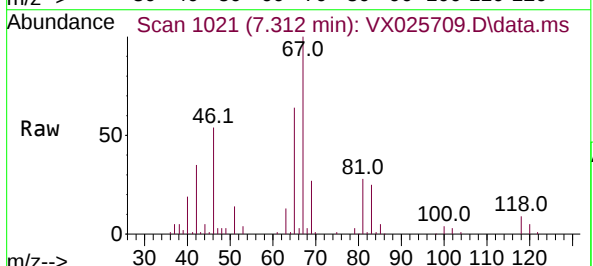
RT: 7.312 min Scan# 1021

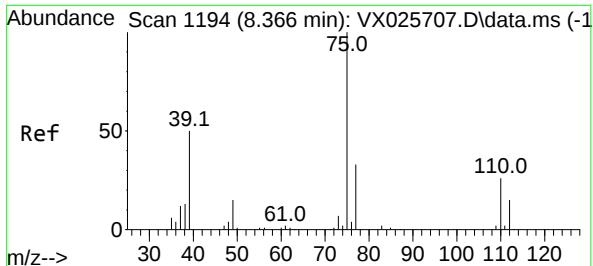
Delta R.T. -0.122 min

Lab File: VX025709.D

Acq: 10 Dec 2021 18:24

Tgt Ion: 63	Resp: 4401
Ion Ratio	Lower Upper
63 100	
112 0.0	4.0 6.0#





#39

cis-1,3-Dichloropropene

Concen: 1.207 ug/L

RT: 8.324 min Scan# 1194

Delta R.T. -0.043 min

Lab File: VX025709.D

Acq: 10 Dec 2021 18:24

Instrument :

MSVOA_X

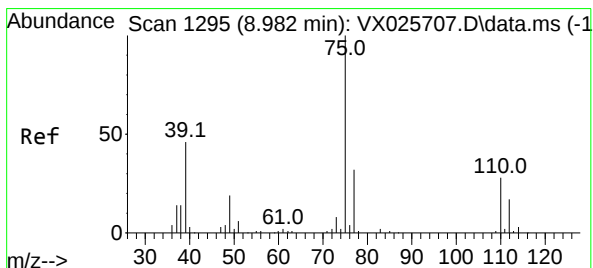
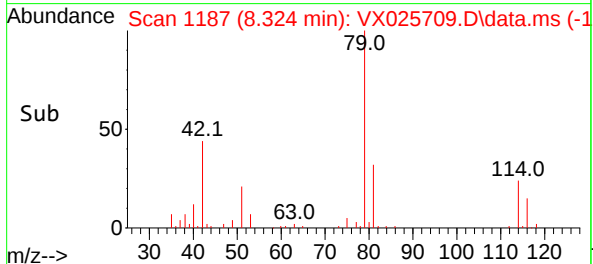
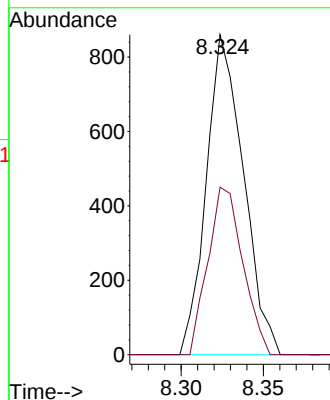
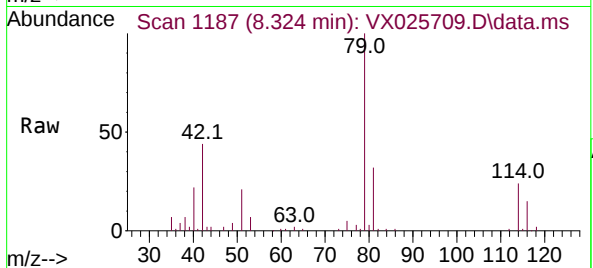
ClientSampleId :

Tgt Ion: 75 Resp: 1349

Ion Ratio Lower Upper

75 100

77 52.3 22.3 41.3#



#44

trans-1,3-Dichloropropene

Concen: 0.879 ug/L

RT: 8.952 min Scan# 1290

Delta R.T. -0.031 min

Lab File: VX025709.D

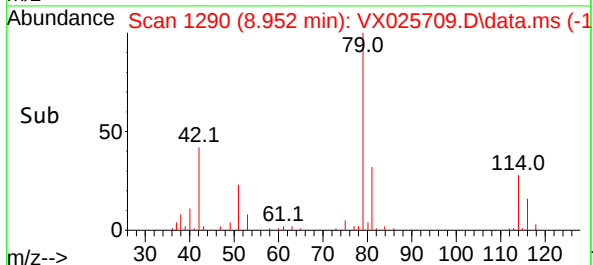
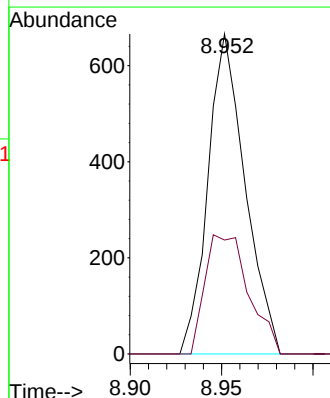
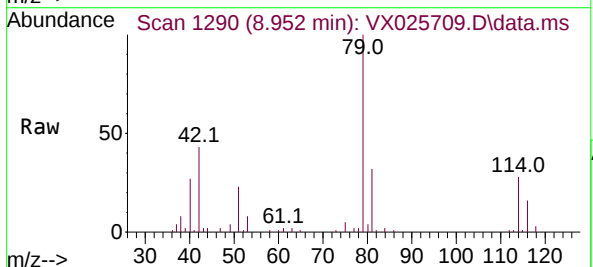
Acq: 10 Dec 2021 18:24

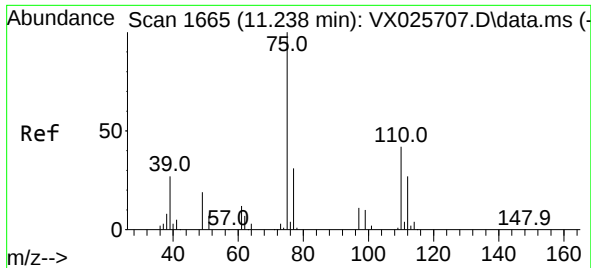
Tgt Ion: 75 Resp: 944

Ion Ratio Lower Upper

75 100

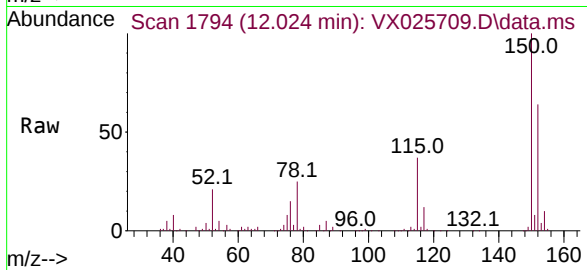
77 35.6 23.0 42.8





#61
 1,2,3-Trichloropropane
 Concen: 6.986 ug/L
 RT: 12.024 min Scan# 11
 Delta R.T. 0.786 min
 Lab File: VX025709.D
 Acq: 10 Dec 2021 18:24

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 5416
 Ion Ratio Lower Upper
 75 100
 77 33.6 25.8 38.8
 110 2.5 34.7 52.1#

