

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122721\
 Data File : VX026065.D
 Acq On : 27 Dec 2021 16:31
 Operator : JC/MD
 Sample : M5154-18
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 28 01:32:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML122321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 23 21:00:32 2021
 Response via : Initial Calibration

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

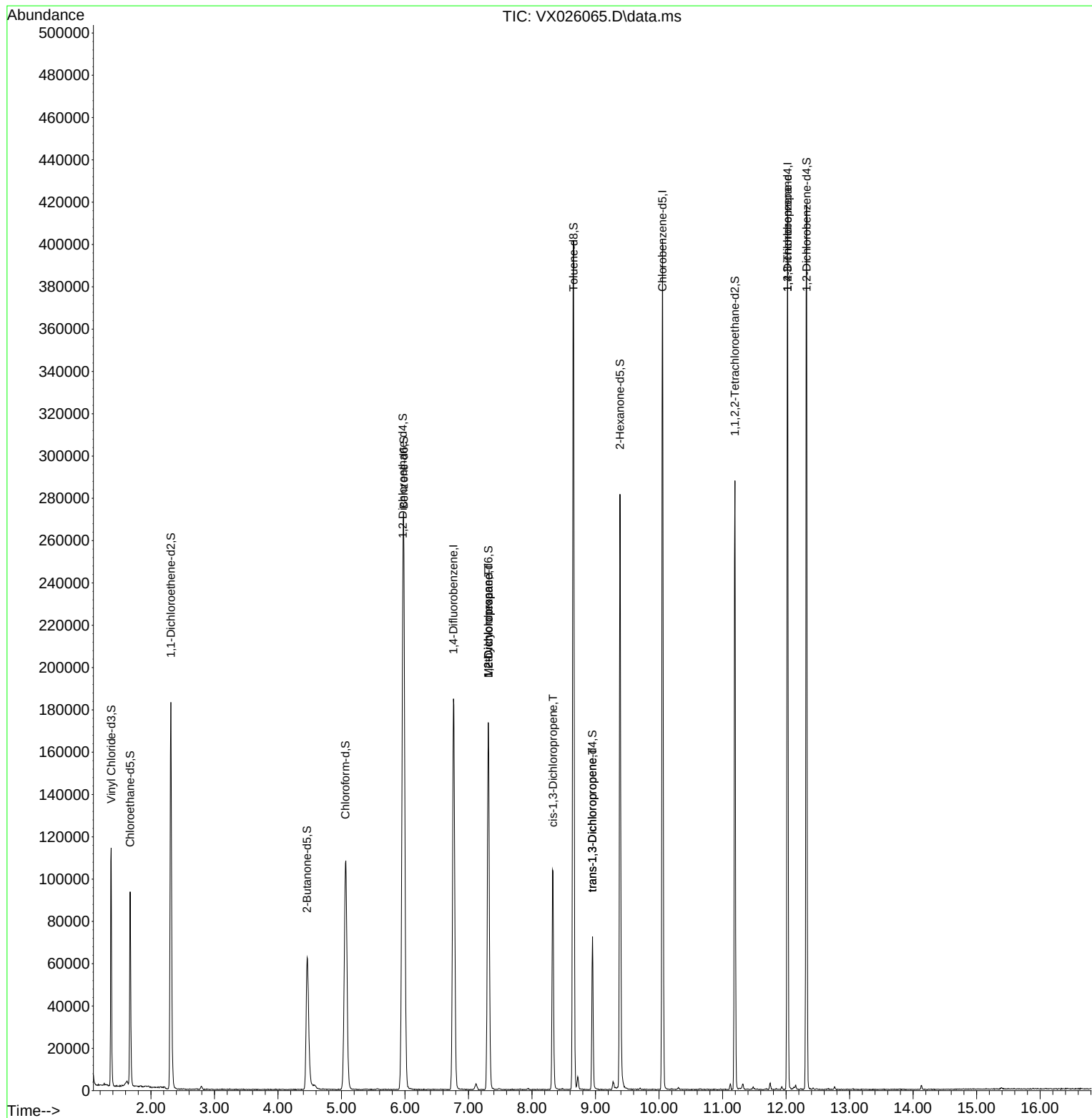
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	184607	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	168881	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	80319	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	72439	55.334	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 110.660%	
7) Chloroethane-d5	1.672	69	57845	55.290	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 110.580%	
11) 1,1-Dichloroethene-d2	2.313	63	102631	39.561	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 79.120%	
21) 2-Butanone-d5	4.459	46	111806	98.508	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 98.510%	
24) Chloroform-d	5.062	84	128999	49.240	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 98.480%	
26) 1,2-Dichloroethane-d4	5.964	65	87886	49.548	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 99.100%	
32) Benzene-d6	5.983	84	265410	54.600	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 109.200%	
36) 1,2-Dichloropropane-d6	7.312	67	81432	53.892	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 107.780%	
41) Toluene-d8	8.653	98	233375	51.420	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 102.840%	
43) trans-1,3-Dichloroprop...	8.952	79	30842	46.915	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 93.840%	
47) 2-Hexanone-d5	9.384	63	77538	99.429	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 99.430%	
56) 1,1,2,2-Tetrachloroeth...	11.195	84	106112	47.626	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 95.260%	
66) 1,2-Dichlorobenzene-d4	12.323	152	80703	53.172	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 106.340%	
Target Compounds						Qvalue
35) Methylcyclohexane	7.312	83	19994	9.209	ug/L #	20
37) 1,2-Dichloropropane	7.312	63	10184	7.482	ug/L #	85
39) cis-1,3-Dichloropropene	8.330	75	2661	1.360	ug/L	85
44) trans-1,3-Dichloropropene	8.952	75	1640	0.884	ug/L #	75
61) 1,2,3-Trichloropropane	12.024	75	10607	6.609	ug/L #	63

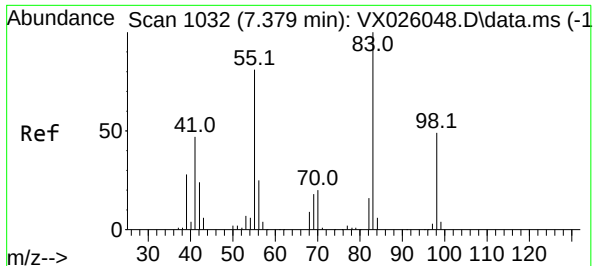
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Dec 23 21:00:32 2021
Response via : Initial Calibration

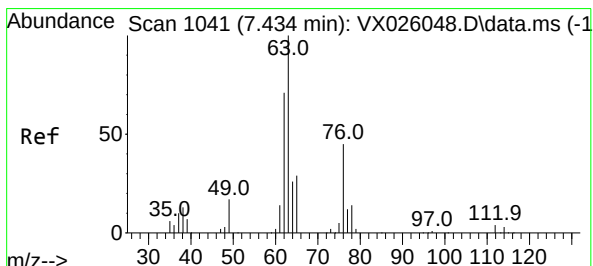
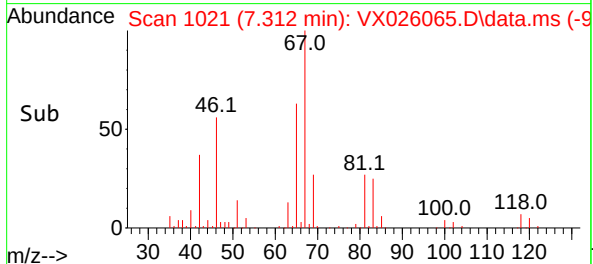
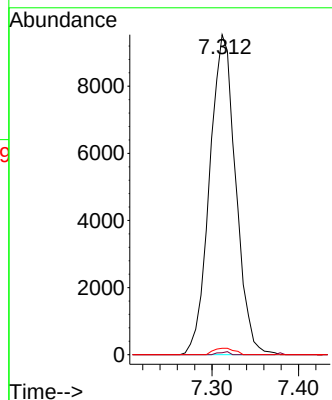
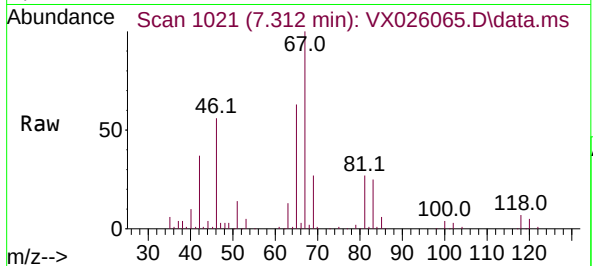




#35
Methylcyclohexane
Concen: 9.209 ug/L
RT: 7.312 min Scan# 1021
Delta R.T. -0.073 min
Lab File: VX026065.D
Acq: 27 Dec 2021 16:31

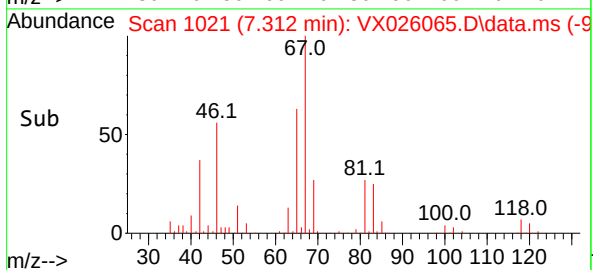
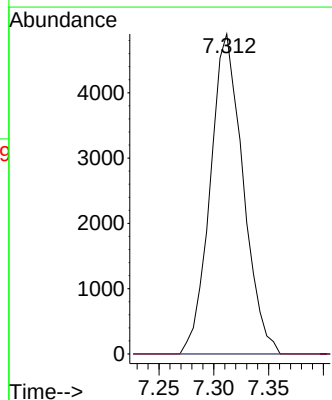
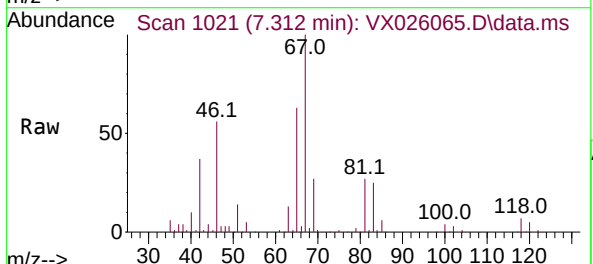
Instrument :
MSVOA_X
ClientSampleId :

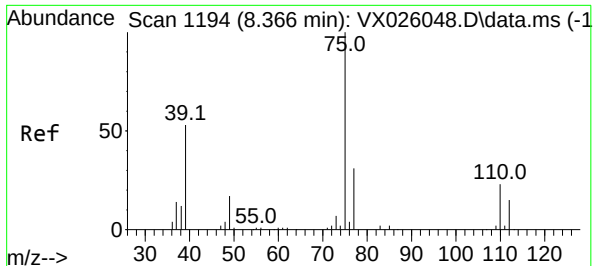
Tgt Ion: 83 Resp: 19994
Ion Ratio Lower Upper
83 100
55 0.4 57.3 85.9#
98 1.6 41.1 61.7#



#37
1,2-Dichloropropane
Concen: 7.482 ug/L
RT: 7.312 min Scan# 1021
Delta R.T. -0.122 min
Lab File: VX026065.D
Acq: 27 Dec 2021 16:31

Tgt Ion: 63 Resp: 10184
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#





#39

cis-1,3-Dichloropropene

Concen: 1.360 ug/L

RT: 8.330 min Scan# 1194

Delta R.T. -0.037 min

Lab File: VX026065.D

Acq: 27 Dec 2021 16:31

Instrument :

MSVOA_X

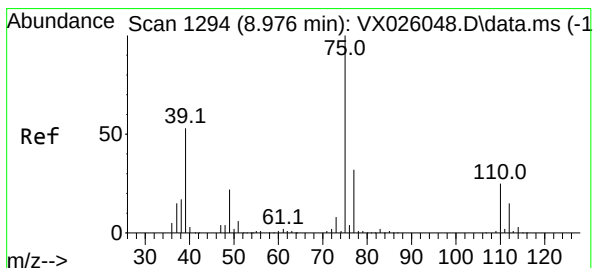
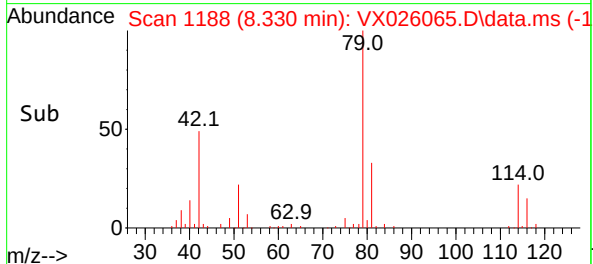
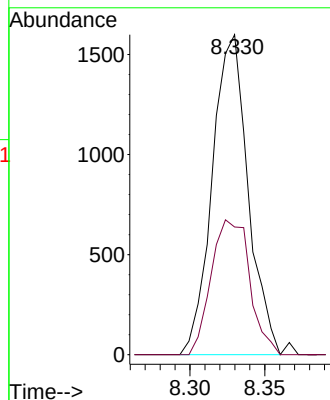
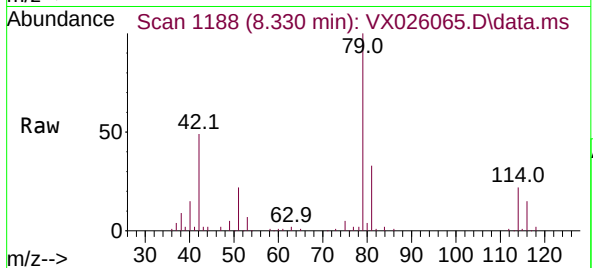
ClientSampleId :

Tgt Ion: 75 Resp: 2661

Ion Ratio Lower Upper

75 100

77 39.9 22.3 41.3



#44

trans-1,3-Dichloropropene

Concen: 0.884 ug/L

RT: 8.952 min Scan# 1290

Delta R.T. -0.030 min

Lab File: VX026065.D

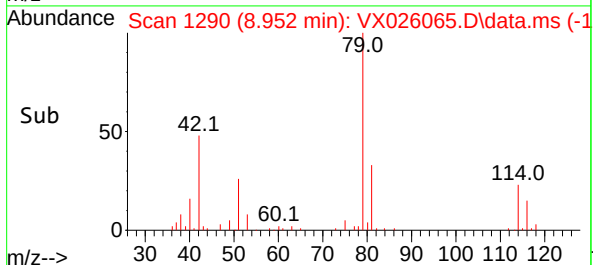
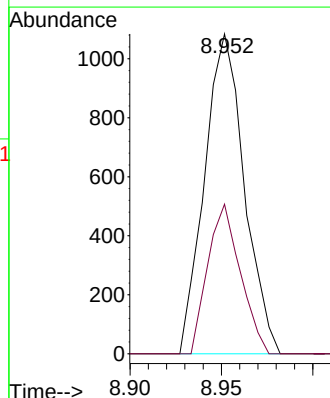
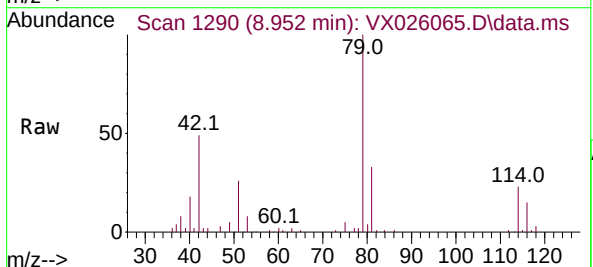
Acq: 27 Dec 2021 16:31

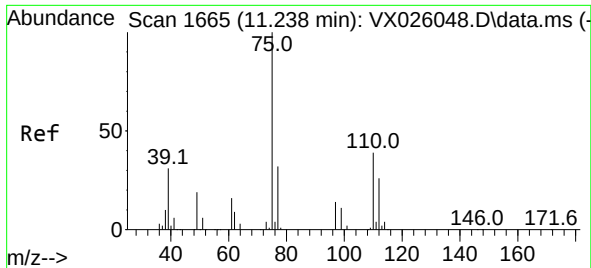
Tgt Ion: 75 Resp: 1640

Ion Ratio Lower Upper

75 100

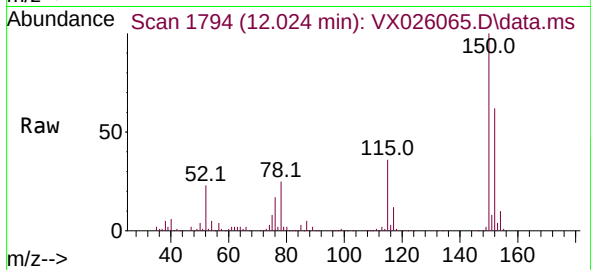
77 46.8 23.0 42.8#





#61
 1,2,3-Trichloropropane
 Concen: 6.609 ug/L
 RT: 12.024 min Scan# 11
 Delta R.T. 0.786 min
 Lab File: VX026065.D
 Acq: 27 Dec 2021 16:31

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 10607
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.8 38.8
 110 2.5 34.7 52.1#

