

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020823\
 Data File : VX034055.D
 Acq On : 07 Feb 2023 12:31
 Operator : JC/MD
 Sample : VX0208WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VBLK615

Quant Time: Feb 07 20:42:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML020223WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Feb 07 20:42:13 2023
 Response via : Initial Calibration

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

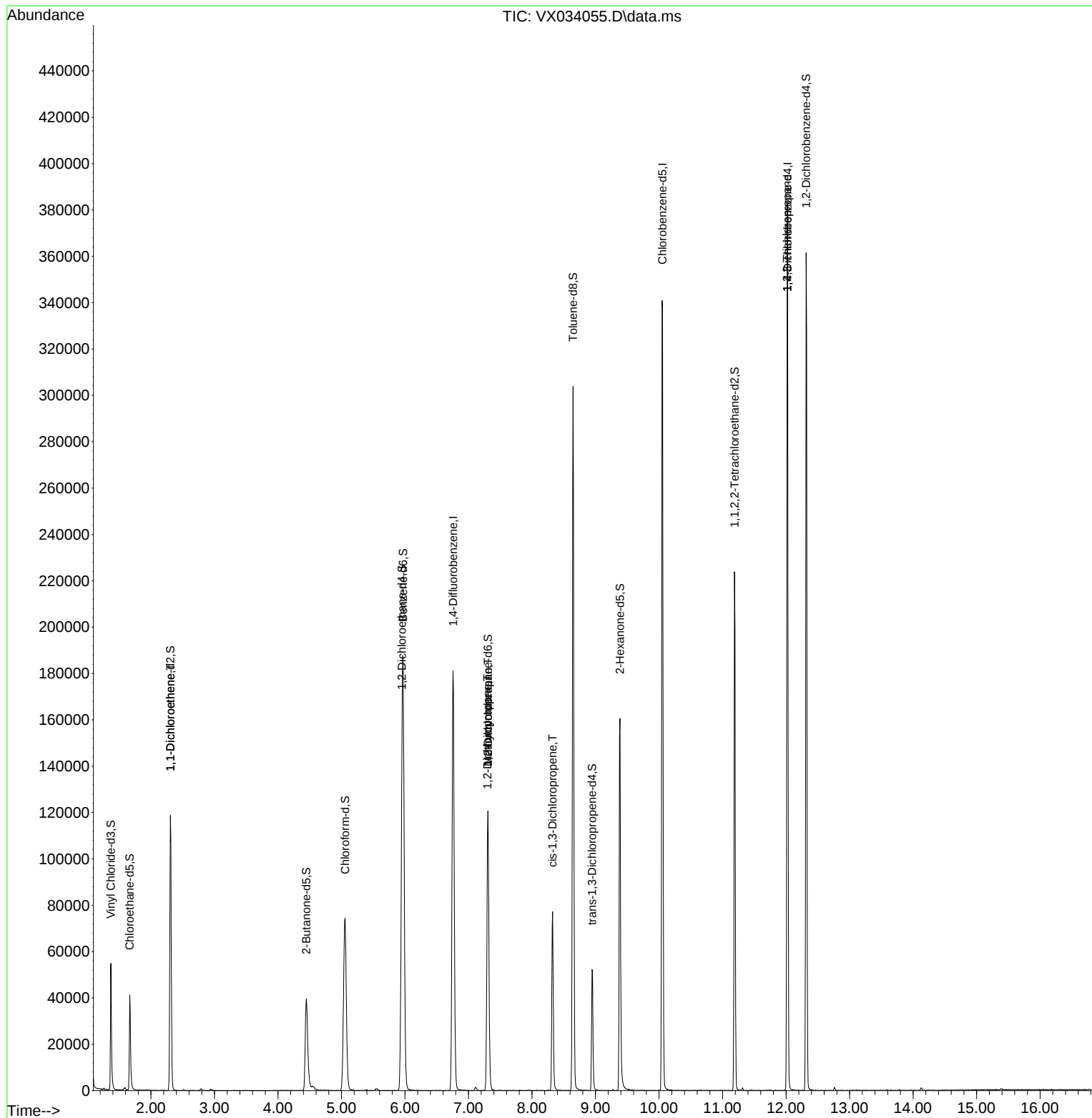
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	197953	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	174679	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	91888	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	39120	29.673	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	59.340%#
7) Chloroethane-d5	1.666	69	30327	37.892	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.780%
11) 1,1-Dichloroethene-d2	2.307	63	65879	27.272	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	54.540%#
21) 2-Butanone-d5	4.446	46	69906	92.486	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.490%
24) Chloroform-d	5.056	84	97759	41.339	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.680%
26) 1,2-Dichloroethane-d4	5.952	65	62016	43.464	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.920%
32) Benzene-d6	5.971	84	196579	39.259	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.520%
36) 1,2-Dichloropropane-d6	7.306	67	60886	41.129	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.260%
41) Toluene-d8	8.647	98	181684	38.249	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	76.500%#
43) trans-1,3-Dichloroprop...	8.946	79	25888	38.536	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.080%
47) 2-Hexanone-d5	9.385	63	50382	90.756	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.760%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	84723	45.642	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.280%
66) 1,2-Dichlorobenzene-d4	12.317	152	82768	45.002	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.000%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.307	96	622	0.510	ug/L #	1
35) Methylcyclohexane	7.306	83	15824	7.049	ug/L #	19
37) 1,2-Dichloropropane	7.300	63	6815	5.151	ug/L #	85
39) cis-1,3-Dichloropropene	8.324	75	1719	0.847	ug/L	83
61) 1,2,3-Trichloropropane	12.018	75	8395	6.018	ug/L #	63

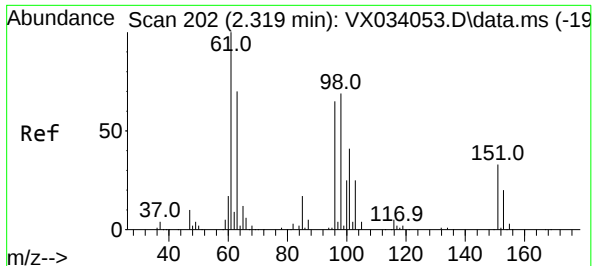
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Feb 07 20:42:13 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.510 ug/L

RT: 2.307 min Scan# 20

Delta R.T. -0.012 min

Lab File: VX034055.D

Acq: 07 Feb 2023 12:31

Instrument :

MSVOA_X

ClientSampleId :

VBLK615

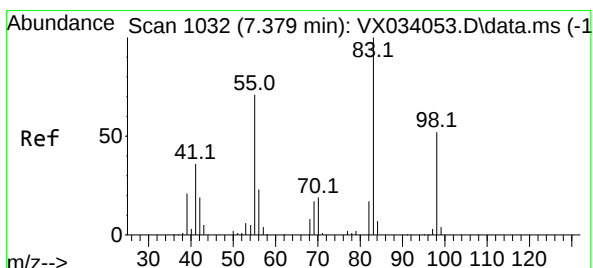
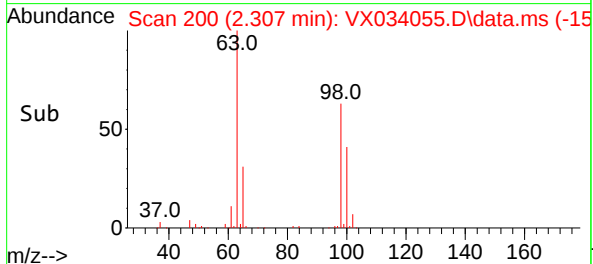
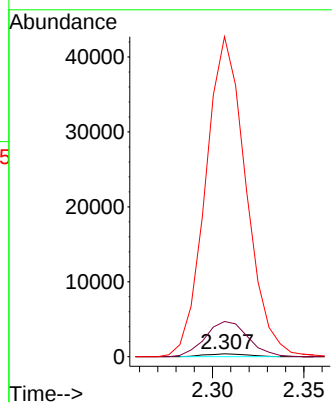
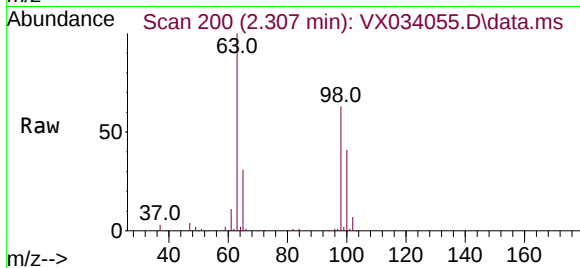
Tgt Ion: 96 Resp: 622

Ion Ratio Lower Upper

96 100

61 1251.5 107.6 199.8#

63 11389.9 69.6 129.2#



#35

Methylcyclohexane

Concen: 7.049 ug/L

RT: 7.306 min Scan# 1020

Delta R.T. -0.073 min

Lab File: VX034055.D

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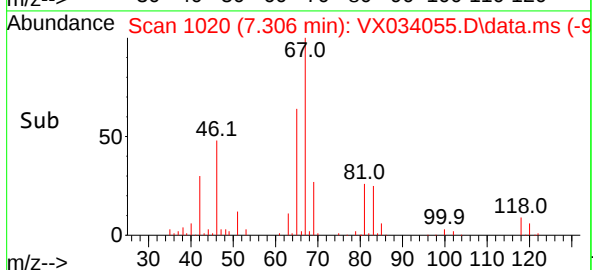
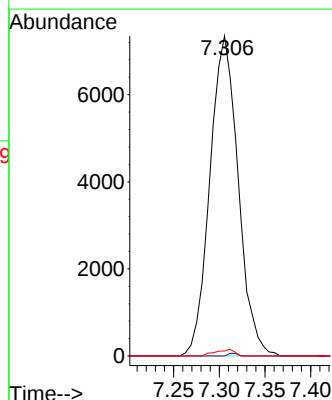
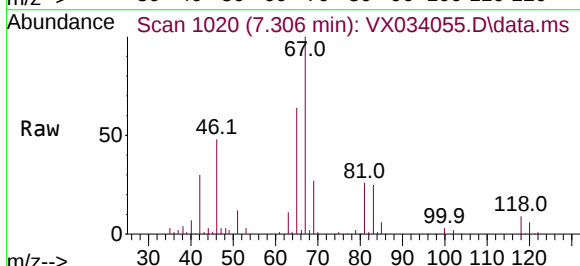
Tgt Ion: 83 Resp: 15824

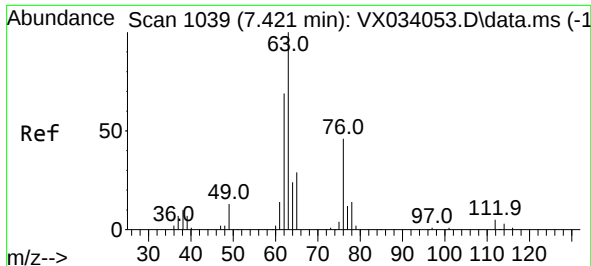
Ion Ratio Lower Upper

83 100

55 0.3 59.0 88.4#

98 1.4 40.6 60.8#





#37

1,2-Dichloropropane

Concen: 5.151 ug/L

RT: 7.300 min Scan# 1187

Delta R.T. -0.122 min

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MSVOA_X

ClientSampleId :

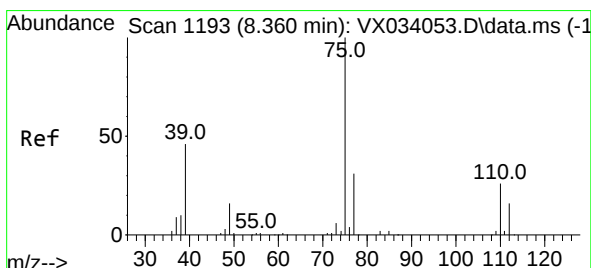
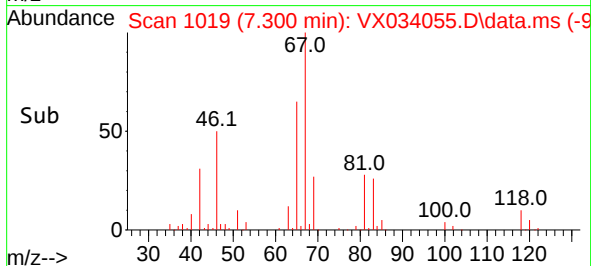
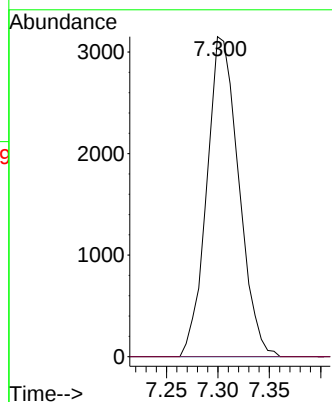
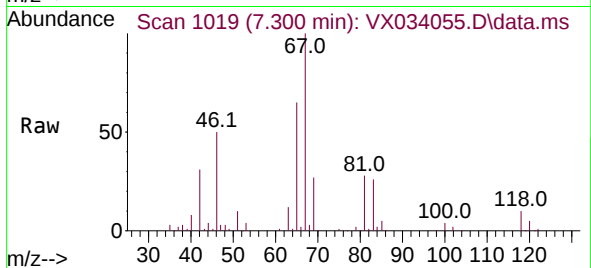
VBLK615

Tgt Ion: 63 Resp: 6815

Ion Ratio Lower Upper

63 100

112 0.0 4.1 6.1#



#39

cis-1,3-Dichloropropene

Concen: 0.847 ug/L

RT: 8.324 min Scan# 1187

Delta R.T. -0.037 min

Lab File: VX034055.D

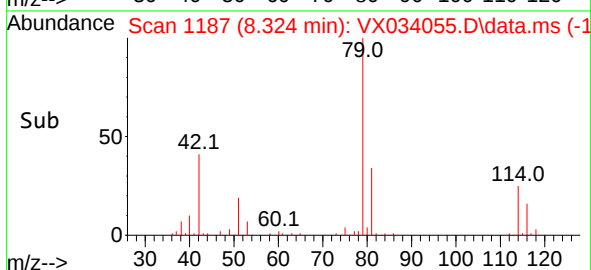
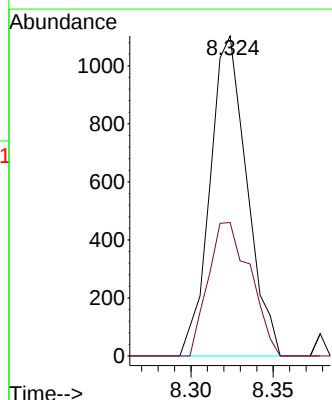
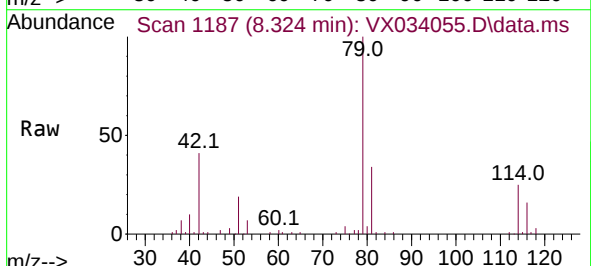
Acq: 07 Feb 2023 12:31

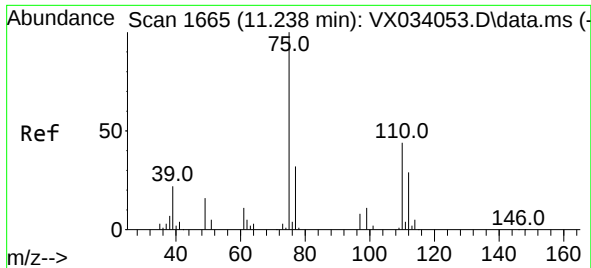
Tgt Ion: 75 Resp: 1719

Ion Ratio Lower Upper

75 100

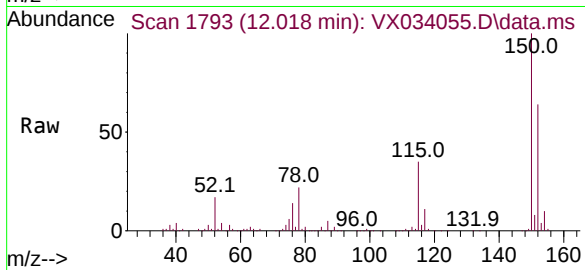
77 41.7 22.5 41.9





#61
 1,2,3-Trichloropropane
 Concen: 6.018 ug/L
 RT: 12.018 min Scan# 11
 Delta R.T. 0.780 min
 Lab File: VX034055.D
 Acq: 07 Feb 2023 12:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VBLK615



Tgt Ion: 75	Resp:	8395
Ion	Ratio	Lower Upper
75	100	
77	34.1	26.1 39.1
110	2.4	34.2 51.4#

