

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV040320\
 Data File : VV015403.D
 Acq On : 03 Apr 2020 18:56
 Operator : SY/MD
 Sample : L2065-21
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK02

Quant Time: Apr 07 19:02:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM040120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 07 18:28:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	706188	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	661968	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	311291	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	275483	43.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.02%
7) Chloroethane-d5	1.58	69	241656	44.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.36%
11) 1,1-Dichloroethene-d2	1.97	63	355	0.03	ug/L	-0.15
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.06%#
21) 2-Butanone-d5	3.94	46	340834	101.27	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.27%
24) Chloroform-d	4.38	84	469843	44.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.90%
26) 1,2-Dichloroethane-d4	5.06	65	304086	46.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.40%
32) Benzene-d6	5.08	84	970985	47.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.26%
36) 1,2-Dichloropropane-d6	6.10	67	289680	48.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.38%
41) Toluene-d8	7.34	98	928152	47.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.22%
43) trans-1,3-Dichloropropene-	7.64	79	152866	46.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.06%
47) 2-Hexanone-d5	8.12	63	250710	91.33	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.33%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	414695	48.49	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.98%
64) 1,2-Dichlorobenzene-d4	11.65	152	340763	48.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.24%

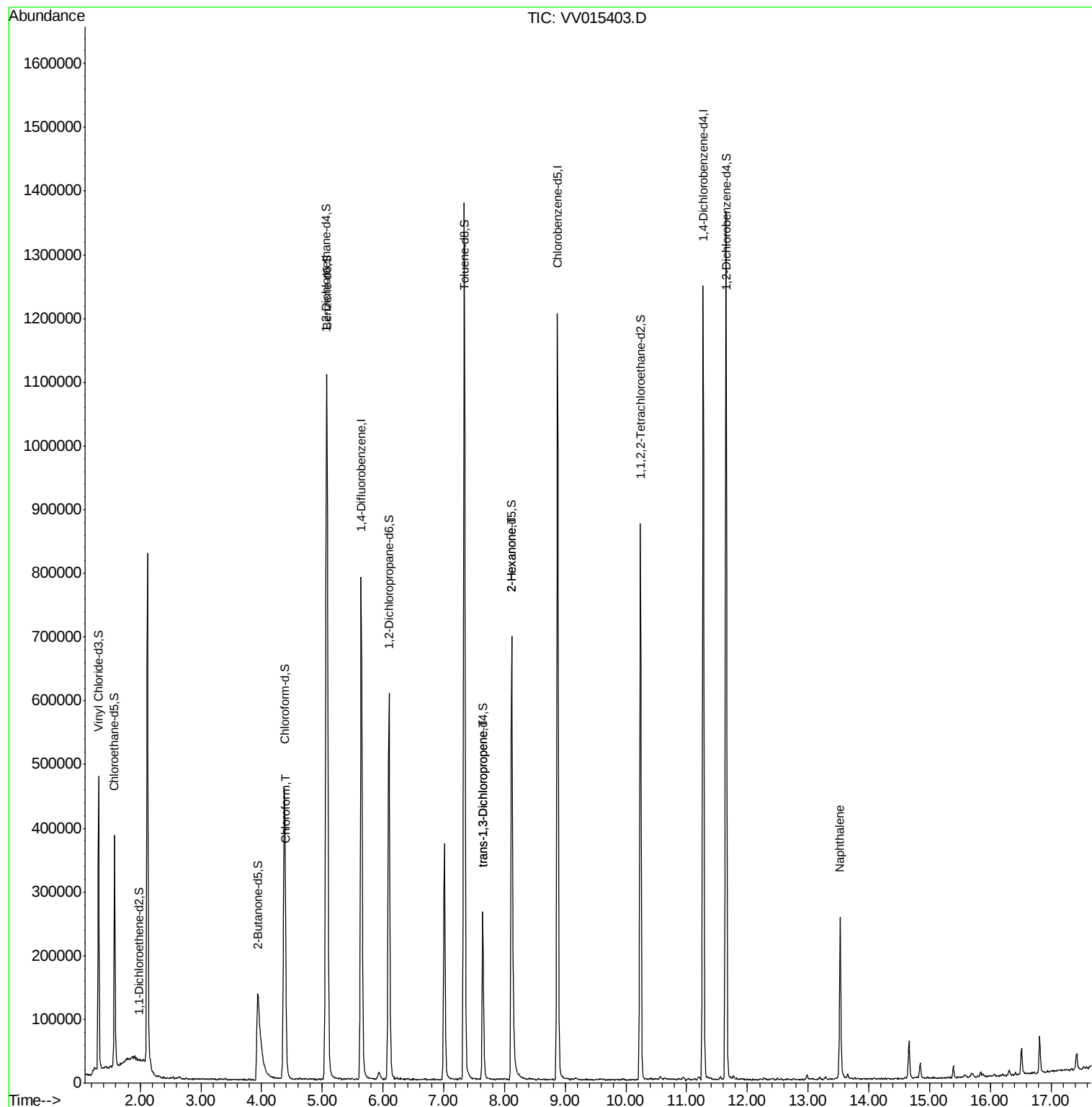
Target Compounds						Qvalue
25) Chloroform	4.40	83	9151	0.96	ug/L #	65
44) trans-1,3-Dichloropropene	7.64	75	7153	0.91	ug/L	100
48) 2-Hexanone	8.12	43	32733	6.39	ug/L #	91
69) Naphthalene	13.53	128	205064	8.45	ug/L	99

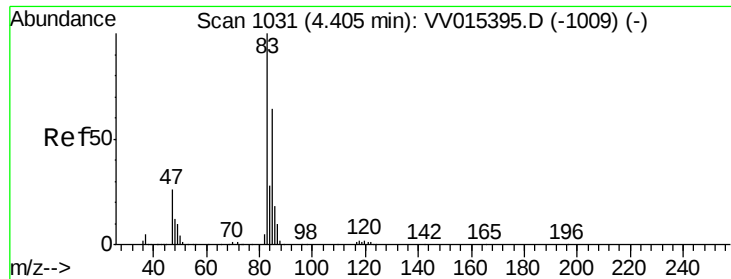
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#25

Chloroform

Concen: 0.96 ug/L

RT: 4.40 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VV015403.D

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Instrument :

MSVOA_V

ClientSampleId :

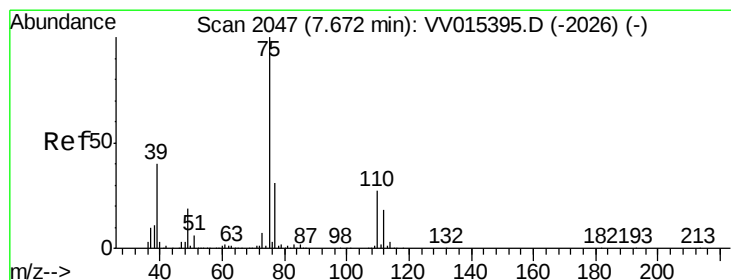
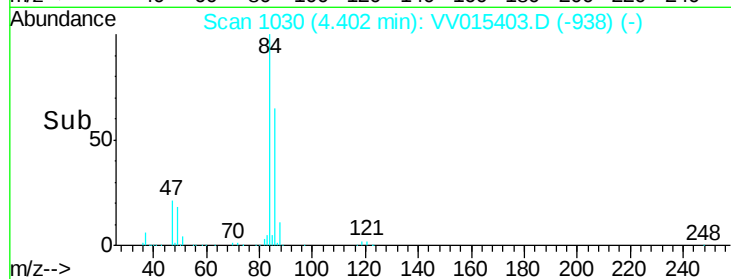
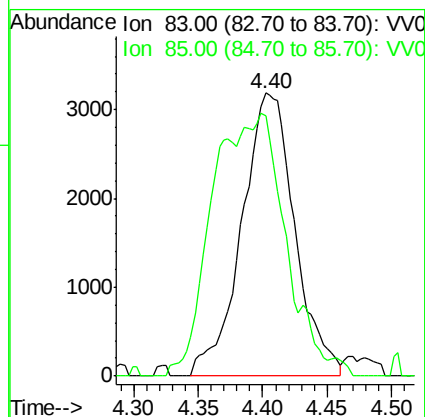
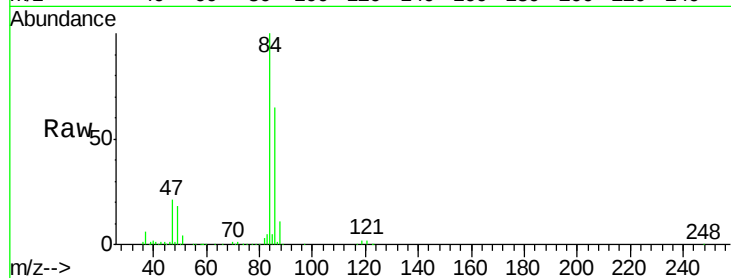
VHBLK02

Tgt Ion: 83 Resp: 9151

Ion Ratio Lower Upper

83 100

85 91.7 45.1 83.9#



#44

trans-1,3-Dichloropropene

Concen: 0.91 ug/L

RT: 7.64 min Scan# 2037

Delta R.T. -0.03 min

Lab File: VV015403.D

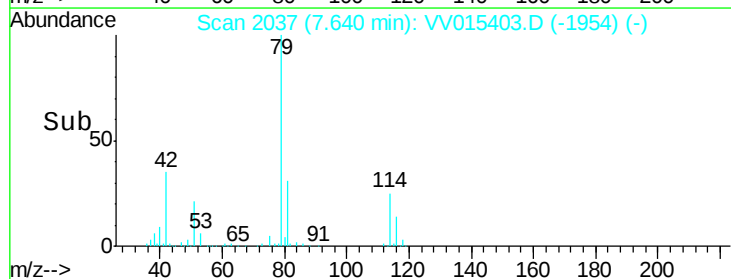
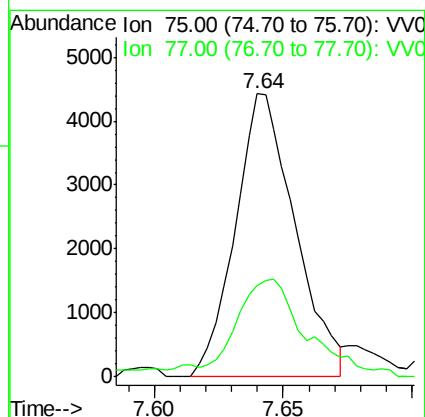
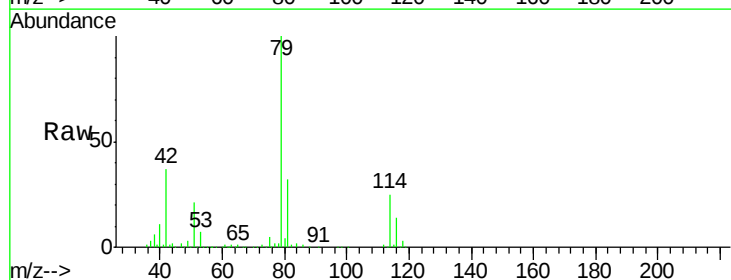
Acq: 03 Apr 2020 18:56

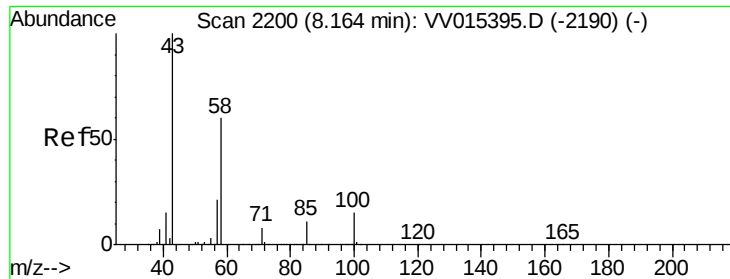
Tgt Ion: 75 Resp: 7153

Ion Ratio Lower Upper

75 100

77 32.3 22.5 41.7

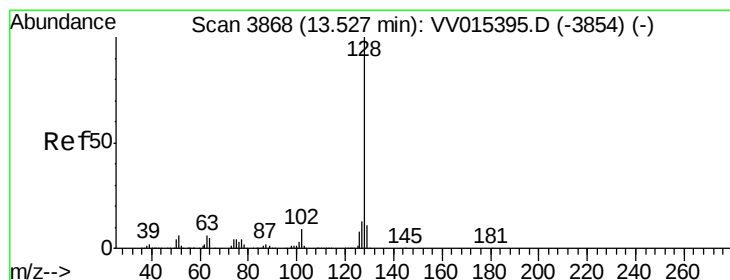
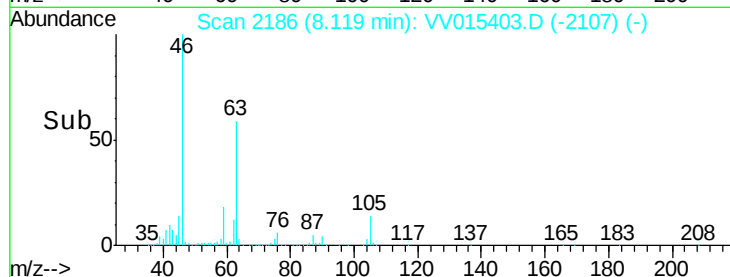
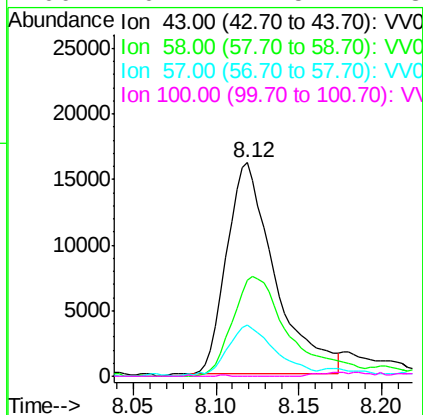
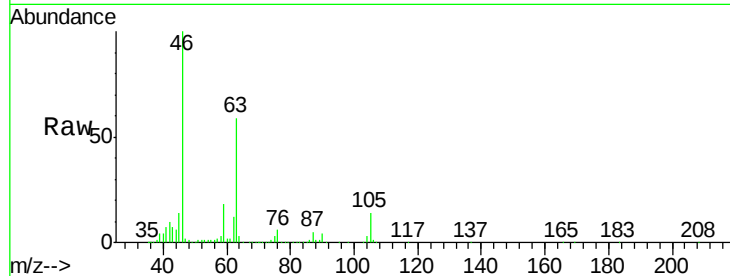




#48
2-Hexanone
Concen: 6.39 ug/L
RT: 8.12 min Scan# 2186
Delta R.T. -0.05 min
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Tgt Ion: 43 Resp: 32733
Ion Ratio Lower Upper
43 100
58 55.4 47.4 71.2
57 21.1 16.7 25.1
100 0.1 11.5 17.3#



#69
Naphthalene
Concen: 8.45 ug/L
RT: 13.53 min Scan# 3868
Delta R.T. -0.00 min
Lab File: VV015403.D
Acq: 03 Apr 2020 18:56

Tgt Ion: 128 Resp: 205064
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.2 8.6 13.0

