

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV120420\
 Data File : VV019481.D
 Acq On : 04 Dec 2020 16:21
 Operator : SY/MD
 Sample : VIBLK83
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK83

Quant Time: Dec 05 02:41:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM112320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 05 02:40:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	287806	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	289909	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	131612	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	148010	51.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.98%
7) Chloroethane-d5	1.58	69	121902	52.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.22%
11) 1,1-Dichloroethene-d2	2.12	63	217363	42.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.96%
21) 2-Butanone-d5	3.90	46	178076	101.64	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.64%
24) Chloroform-d	4.37	84	257729	55.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.92%
26) 1,2-Dichloroethane-d4	5.05	65	184771	60.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	121.50%
32) Benzene-d6	5.07	84	502693	58.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	117.30%
36) 1,2-Dichloropropane-d6	6.09	67	173930	60.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	121.98%#
41) Toluene-d8	7.33	98	425219	55.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.76%
43) trans-1,3-Dichloropropene-	7.64	79	75145	54.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	109.10%
47) 2-Hexanone-d5	8.11	63	92774	82.56	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.56%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	187066	50.67	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.34%
64) 1,2-Dichlorobenzene-d4	11.65	152	152089	59.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	119.02%

Target Compounds

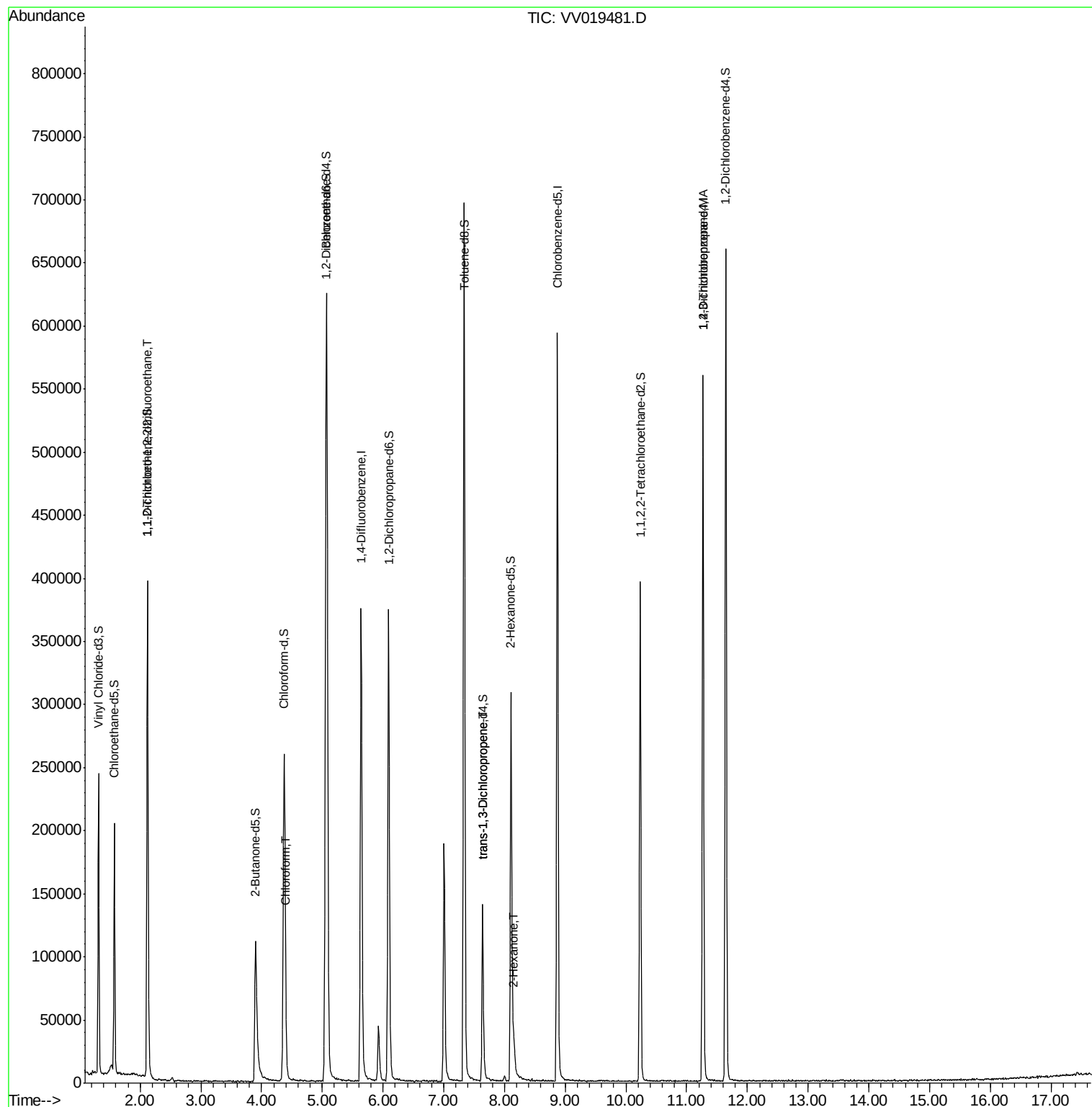
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2066	1.024	ug/L #	26
25) Chloroform	4.41	83	4464	1.036	ug/L	90
44) trans-1,3-Dichloropropene	7.64	75	3647	1.036	ug/L	88
48) 2-Hexanone	8.16	43	17320	6.481	ug/L #	65
59) 1,2,3-Trichloropropane	11.27	75	18430	5.863	ug/L	92

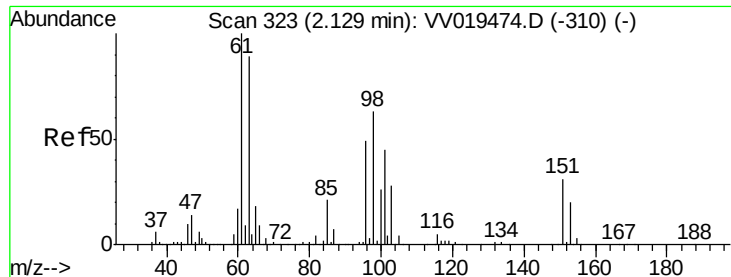
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 1.024 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.00 min

Lab File: VV019481.D

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VIBLK83

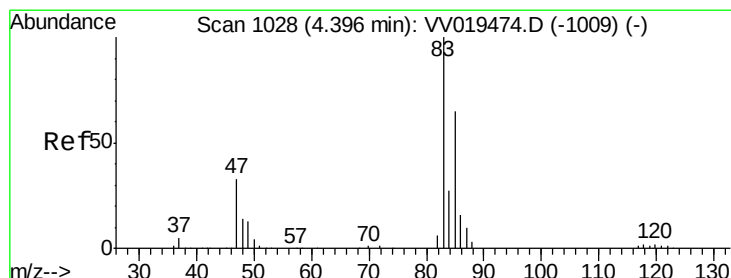
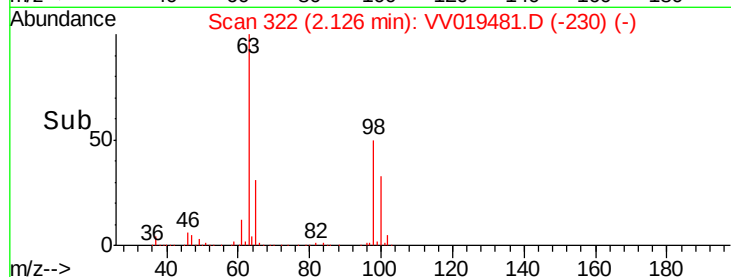
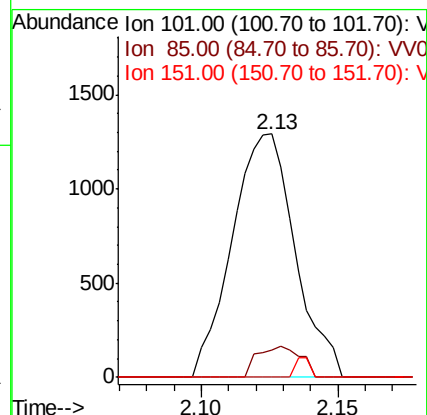
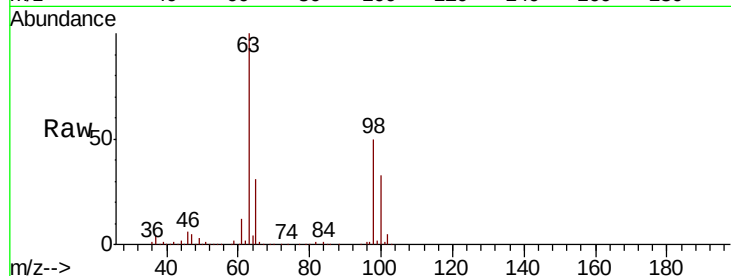
Tot Ion:101 Resp: 2066

Ion Ratio Lower Upper

101 100

85 8.6 35.5 53.3#

151 2.0 58.9 88.3#



#25

Chloroform

Concen: 1.036 ug/L

RT: 4.41 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VV019481.D

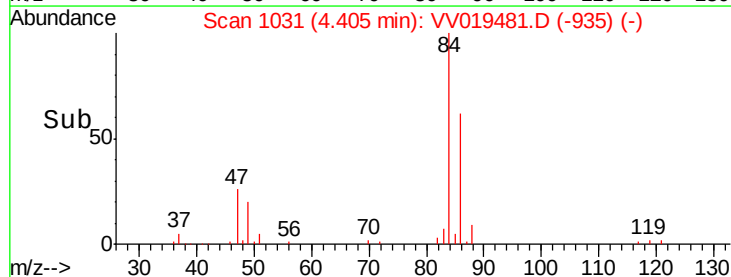
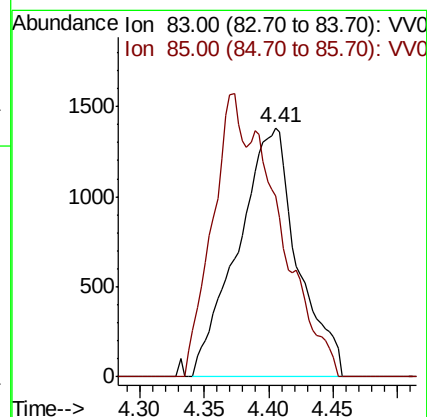
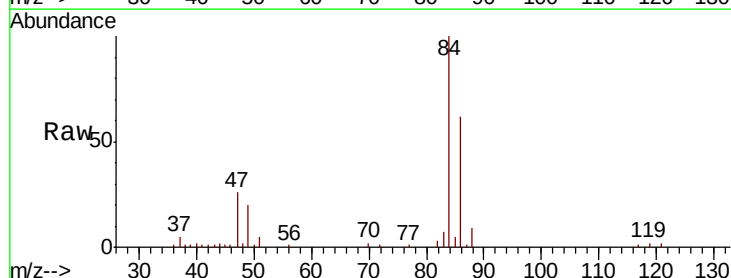
Acq: 04 Dec 2020 16:21

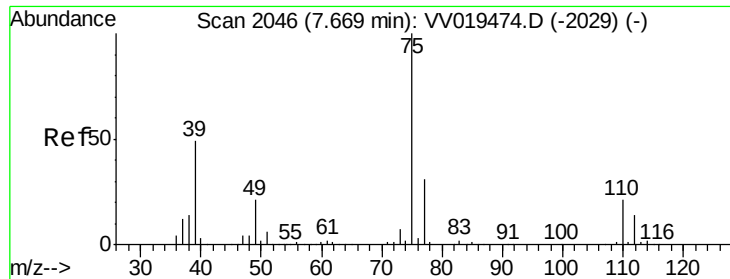
Tgt Ion: 83 Resp: 4464

Ion Ratio Lower Upper

83 100

85 72.6 45.1 83.9





#44

trans-1,3-Dichloropropene

Concen: 1.036 ug/L

RT: 7.64 min Scan# 2036

Delta R.T. -0.03 min

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Acq: 04 Dec 2020 16:21

Instrument :

MSVOA_V

ClientSampleId :

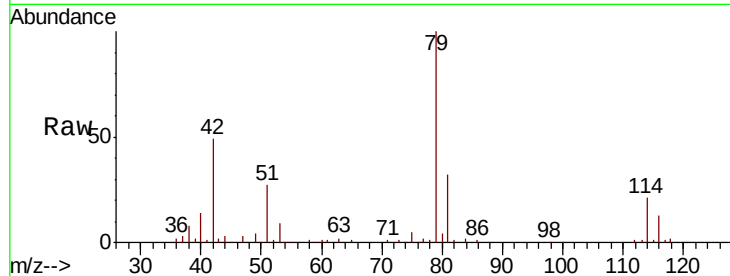
VIBLK83

Tot Ion: 75 Resp: 3647

Ion Ratio Lower Upper

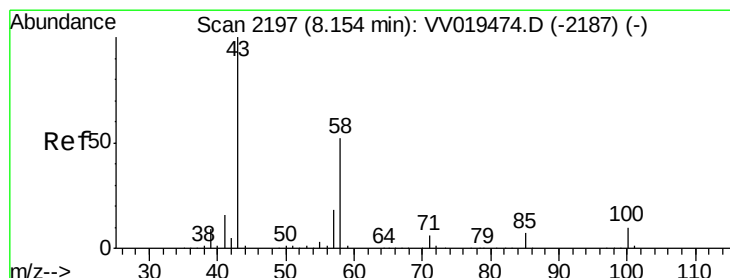
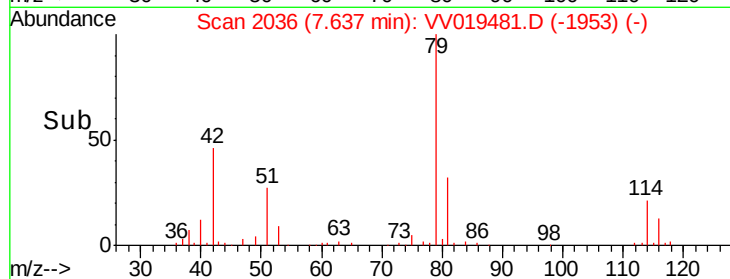
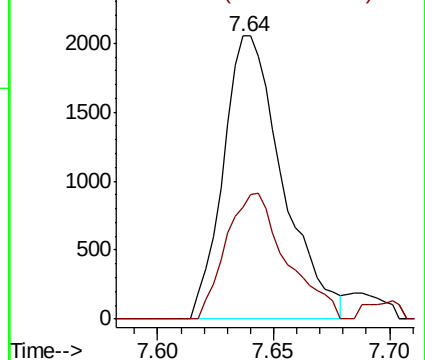
75 100

77 39.4 22.8 42.4



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0



#48

2-Hexanone

Concen: 6.481 ug/L

RT: 8.16 min Scan# 2198

Delta R.T. 0.00 min

Lab File: VV019481.D

Acq: 04 Dec 2020 16:21

Tgt Ion: 43 Resp: 17320

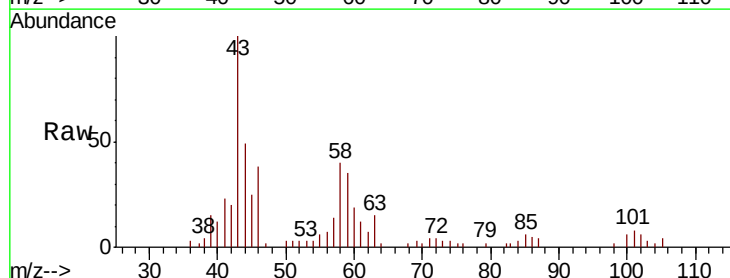
Ion Ratio Lower Upper

43 100

58 29.5 43.8 65.6#

57 0.0 15.4 23.2#

100 2.4 9.0 13.6#

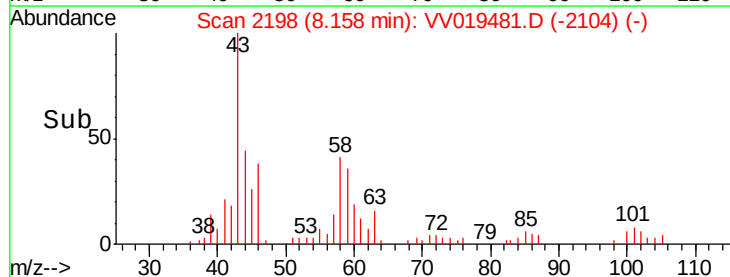
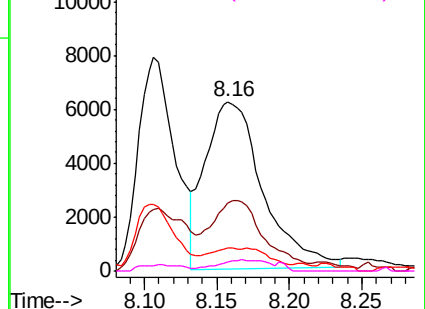


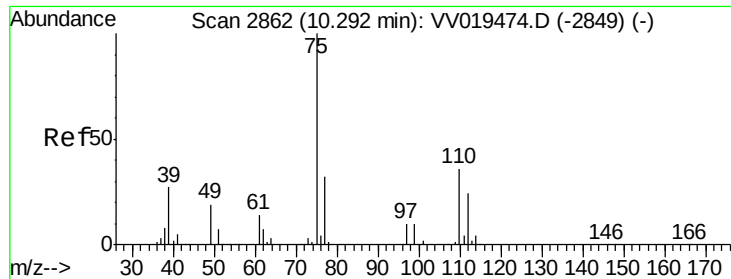
Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0





#59

1,2,3-Trichloropropane

Concen: 5.863 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV019481.D

Acq: 04 Dec 2020 16:21

Instrument :

MSVOA_V

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VIBLK83

Tot Ion: 75 Resp: 18430

Ion Ratio Lower Upper

75 100

77 36.0 25.2 37.8

