

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV122320\
 Data File : VV019809.D
 Acq On : 23 Dec 2020 14:00
 Operator : SY/MD
 Sample : L5173-07ME
 Misc : 5.22g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4R3

Quant Time: Dec 23 22:05:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 23 22:04:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.61	114	783725	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	741773	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.26	152	344170	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	247339	44.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.02%
7) Chloroethane-d5	1.57	69	160550	36.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	72.44%
11) 1,1-Dichloroethene-d2	2.08	63	364810	34.98	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.96%
21) 2-Butanone-d5	3.90	46	288272	94.37	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.37%
24) Chloroform-d	4.35	84	460177	45.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.86%
26) 1,2-Dichloroethane-d4	5.03	65	328035	49.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.12%
32) Benzene-d6	5.05	84	940529	47.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.08%
36) 1,2-Dichloropropane-d6	6.07	67	300852	48.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.10%
41) Toluene-d8	7.32	98	827521	46.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.92%
43) trans-1,3-Dichloropropene-	7.62	79	139325	39.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.04%
47) 2-Hexanone-d5	8.13	63	210373	86.49	ug/L	0.04
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.49%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	338546	40.39	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	80.78%
64) 1,2-Dichlorobenzene-d4	11.64	152	280279	43.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.14%

Target Compounds

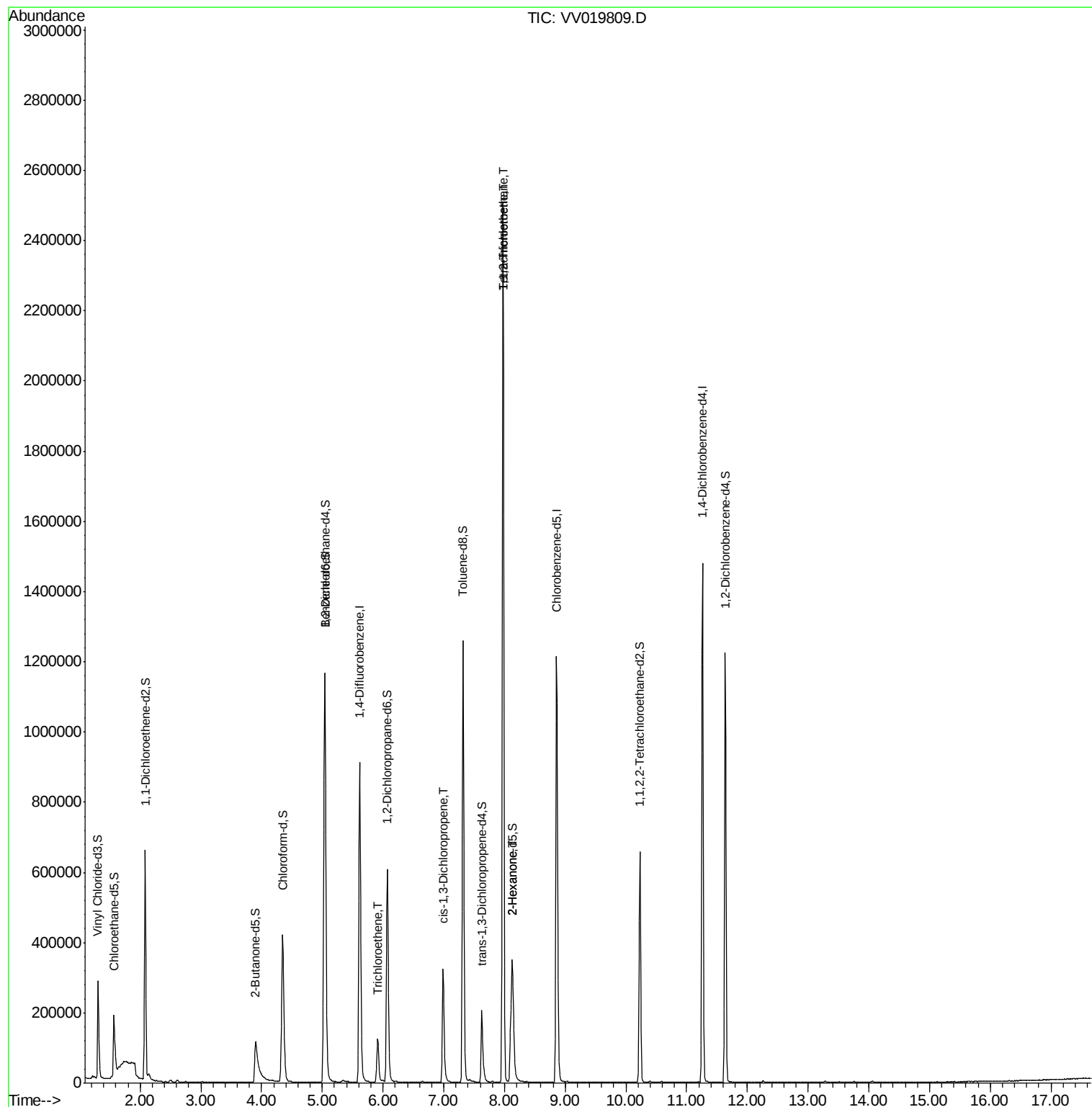
					Ovalue
34) Trichloroethene	5.91	95	40233	7.025 ug/L	91
39) cis-1,3-Dichloropropene	6.99	75	9844	1.047 ug/L #	81
45) 1,1,2-Trichloroethane	7.97	97	5202	0.968 ug/L #	1
46) Tetrachloroethene	7.98	164	506508	127.821 ug/L	99
48) 2-Hexanone	8.13	43	36683	5.919 ug/L #	40

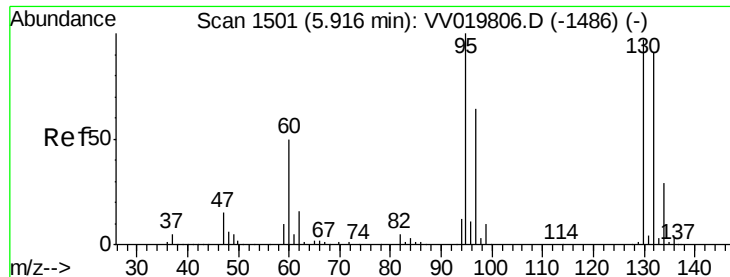
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Dec 23 22:04:07 2020
Response via : Initial Calibration





#34

Trichloroethene

Concen: 7.025 ug/L

RT: 5.91 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VV019809.D

Acq: 23 Dec 2020 14:00

Instrument :

MSVOA_V

ClientSampleId :

BG4R3

Tot Ion: 95 Resp: 40233

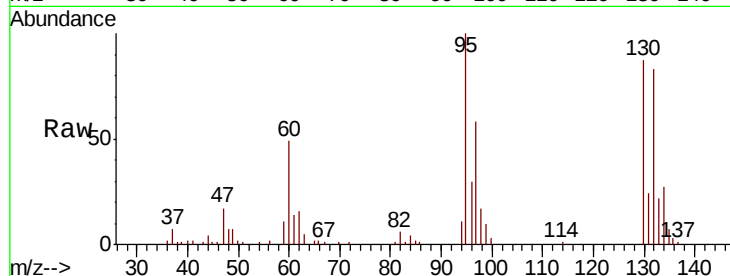
Ion Ratio Lower Upper

95 100

97 57.5 44.4 82.4

132 83.5 64.3 119.3

130 87.1 67.8 125.8



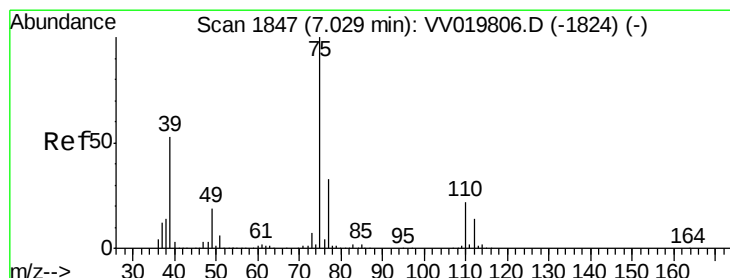
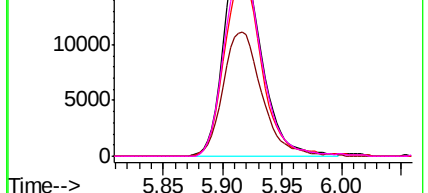
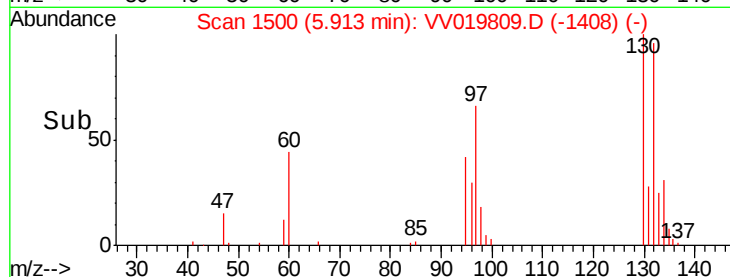
Abundance Ion 95.00 (94.70 to 95.70): VV019806.D (-1486) (-)

Ion 97.00 (96.70 to 97.70): VV019806.D (-1486) (-)

Ion 132.00 (131.70 to 132.70): VV019806.D (-1486) (-)

Ion 130.00 (129.70 to 130.70): VV019806.D (-1486) (-)

Time-->



#39

cis-1,3-Dichloropropene

Concen: 1.047 ug/L

RT: 6.99 min Scan# 1835

Delta R.T. -0.04 min

Lab File: VV019809.D

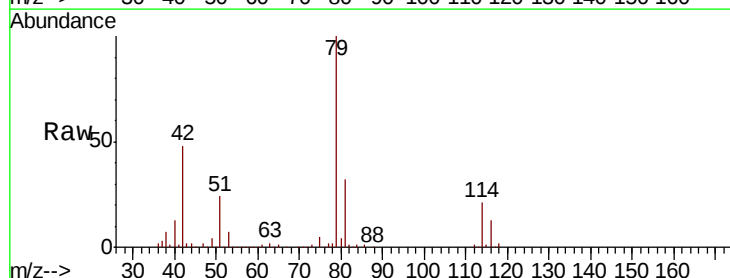
Acq: 23 Dec 2020 14:00

Tgt Ion: 75 Resp: 9844

Ion Ratio Lower Upper

75 100

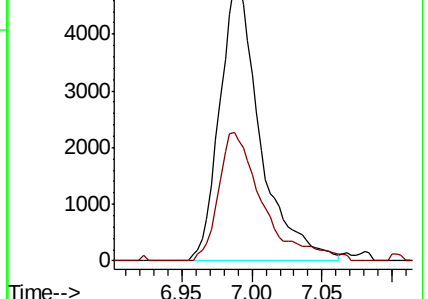
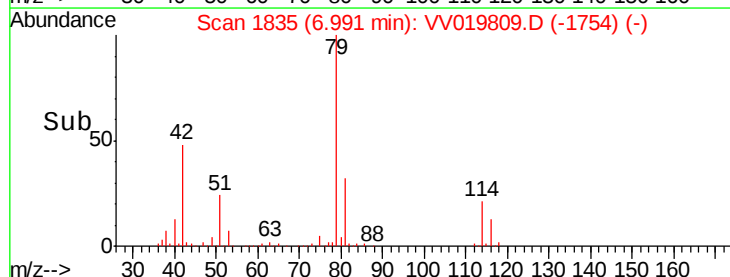
77 42.7 22.4 41.6#

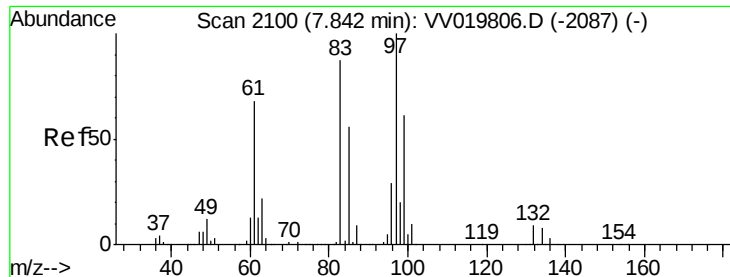


Abundance Ion 75.00 (74.70 to 75.70): VV019806.D (-1824) (-)

Ion 77.00 (76.70 to 77.70): VV019806.D (-1824) (-)

Time-->





#45

1,1,2-Trichloroethane

Concen: 0.968 ug/L

RT: 7.97 min Scan# 2141

Delta R.T. 0.13 min

Lab File: VV019809.D

Acq: 23 Dec 2020 14:00

Instrument :

MSVOA_V

ClientSampleId :

BG4R3

Tot Ion: 97 Resp: 5202

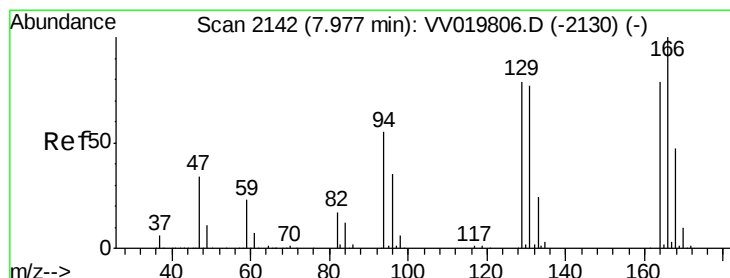
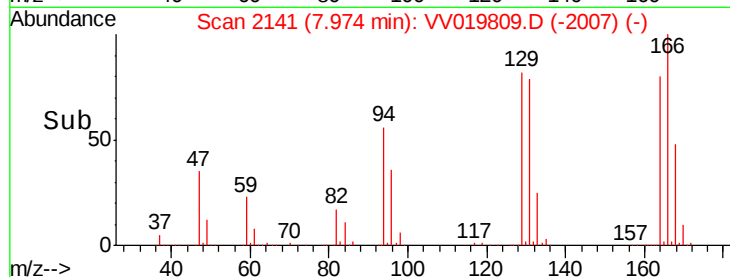
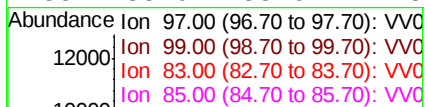
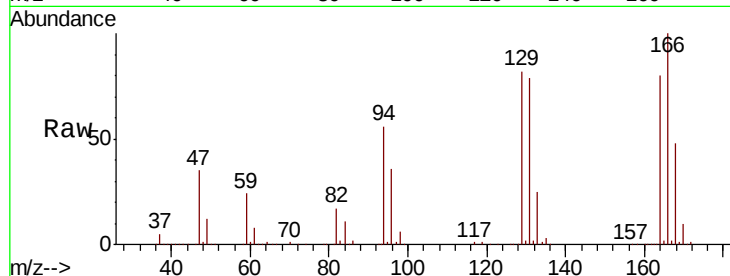
Ion Ratio Lower Upper

97 100

99 17.3 44.1 81.9#

83 265.6 60.0 111.4#

85 38.0 38.6 71.8#



#46

Tetrachloroethene

Concen: 127.821 ug/L

RT: 7.98 min Scan# 2142

Delta R.T. 0.00 min

Lab File: VV019809.D

Acq: 23 Dec 2020 14:00

Tgt Ion: 164 Resp: 506508

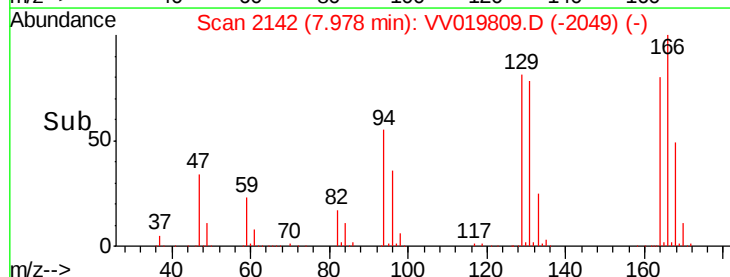
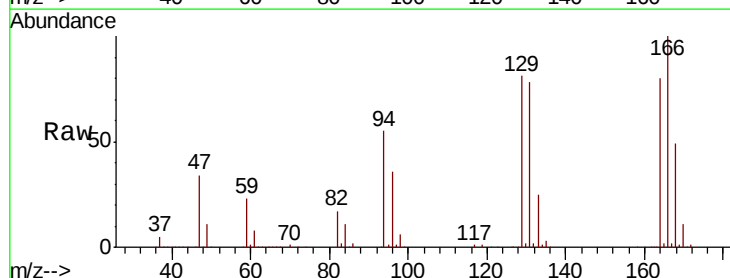
Ion Ratio Lower Upper

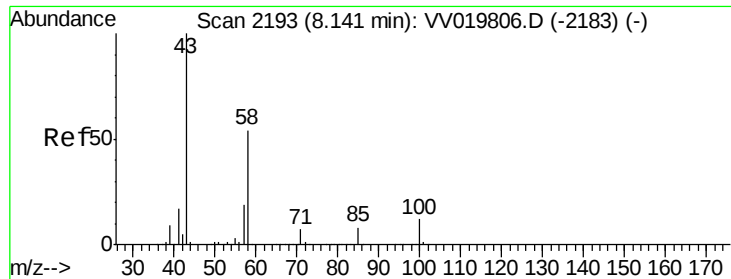
164 100

129 102.1 70.6 131.0

131 98.1 68.0 126.4

166 125.6 86.9 161.5





#48

2-Hexanone

Concen: 5.919 ug/L

RT: 8.13 min Scan# 2189

Delta R.T. -0.01 min

Lab File: VV019809.D

Acq: 23 Dec 2020 14:00

Instrument :

MSVOA_V

ClientSampleId :

BG4R3

Tot Ion: 43 Resp: 36683

Ion Ratio Lower Upper

43 100

58 2.8 44.4 66.6#

57 0.9 15.7 23.5#

100 0.3 9.9 14.9#

