

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121420\
 Data File : VV019636.D
 Acq On : 15 Dec 2020 04:40
 Operator : SY/MD
 Sample : L5424-06
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AX6

Quant Time: Dec 15 10:31:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 15 10:26:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	603951	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	564877	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	255011	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	184783	42.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.34%
7) Chloroethane-d5	1.57	69	169128	49.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.02%
11) 1,1-Dichloroethene-d2	2.11	63	284644	35.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.82%
21) 2-Butanone-d5	3.89	46	261998	111.30	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.30%
24) Chloroform-d	4.35	84	384180	49.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.44%
26) 1,2-Dichloroethane-d4	5.04	65	270628	53.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.12%
32) Benzene-d6	5.05	84	762517	50.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.22%
36) 1,2-Dichloropropane-d6	6.07	67	246754	52.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.58%
41) Toluene-d8	7.32	98	669636	49.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.74%
43) trans-1,3-Dichloropropene-	7.62	79	114242	42.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.12%
47) 2-Hexanone-d5	8.09	63	186385	100.63	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.63%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	322134	50.46	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.92%
64) 1,2-Dichlorobenzene-d4	11.63	152	247489	51.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.84%

Target Compounds

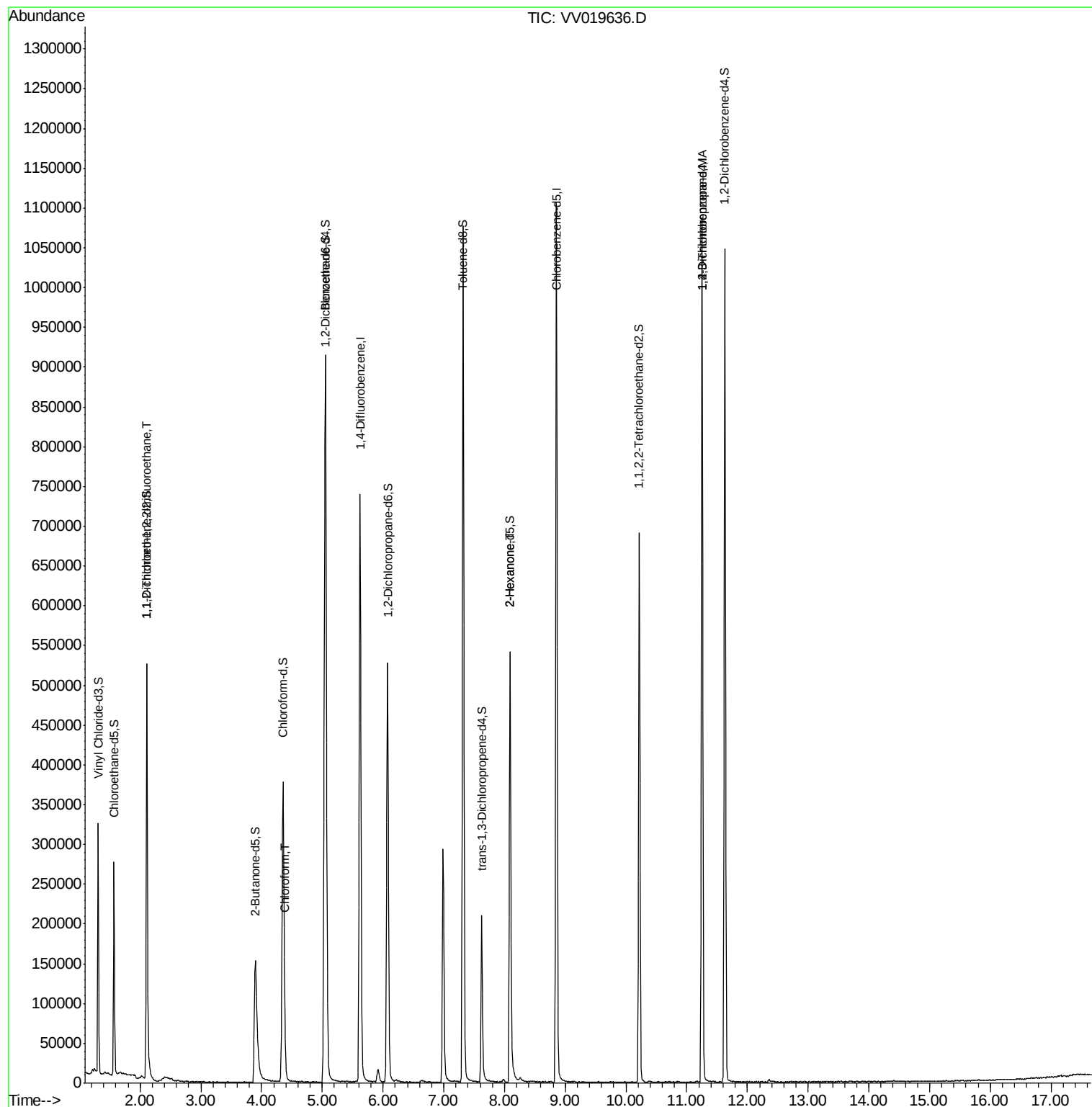
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	2486	0.709 ug/L #	22
25) Chloroform	4.39	83	8424	1.103 ug/L	94
48) 2-Hexanone	8.09	43	22958	4.864 ug/L #	68
59) 1,2,3-Trichloropropane	11.25	75	35617	6.642 ug/L	90

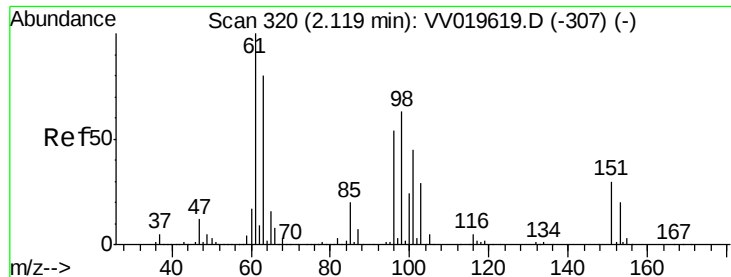
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.709 ug/L

RT: 2.11 min Scan# 317

Delta R.T. -0.01 min

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ClientSampleId :

C0AX6

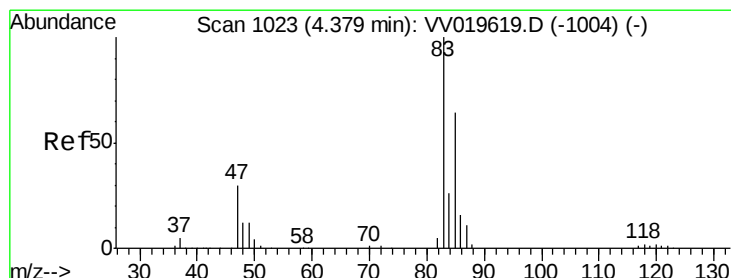
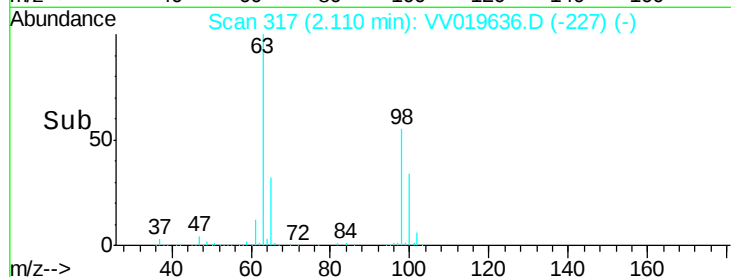
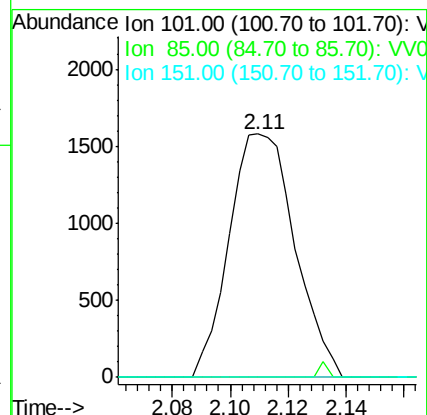
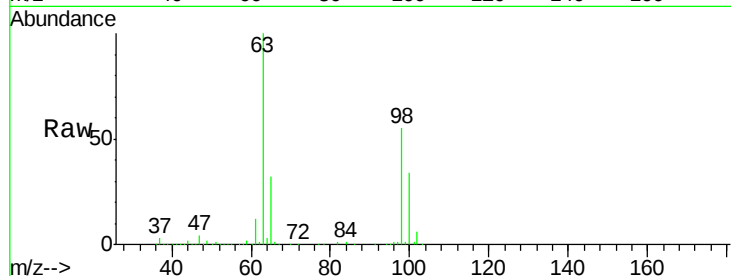
Tgt Ion: 101 Resp: 2486

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

151 0.0 55.8 83.8#



#25

Chloroform

Concen: 1.103 ug/L

RT: 4.39 min Scan# 1025

Delta R.T. 0.01 min

Lab File: VV019636.D

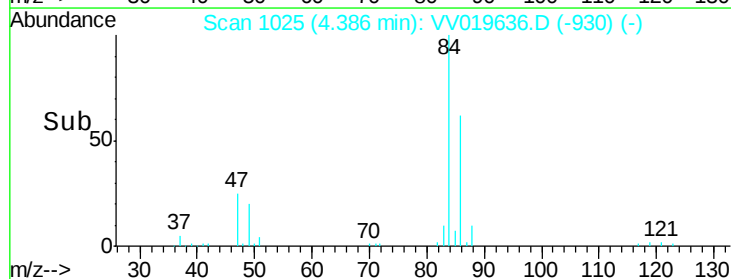
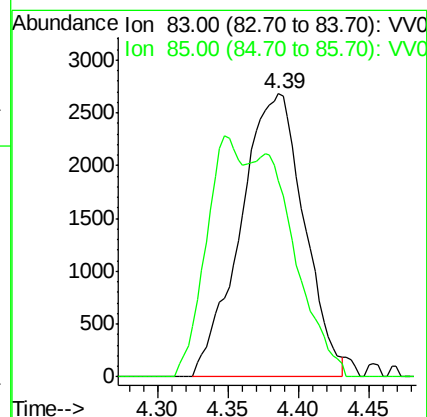
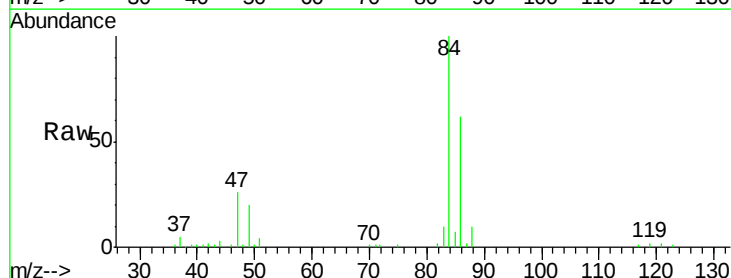
Acq: 15 Dec 2020 04:40

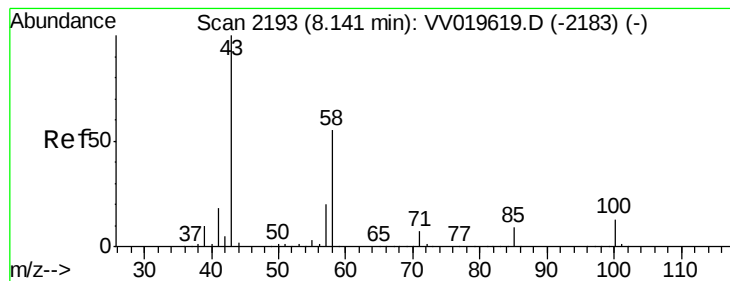
Tgt Ion: 83 Resp: 8424

Ion Ratio Lower Upper

83 100

85 69.6 45.6 84.6





#48

2-Hexanone

Concen: 4.864 ug/L

RT: 8.09 min Scan# 2178

Delta R.T. -0.05 min

Lab File: VV019636.D

Acq: 15 Dec 2020 04:40

Instrument :

MSVOA_V

ClientSampleId :

C0AX6

Tgt Ion: 43 Resp: 22958

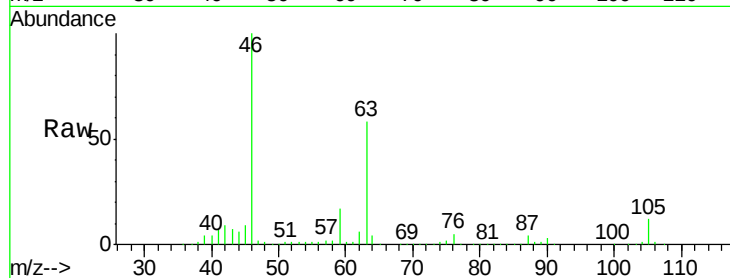
Ion Ratio Lower Upper

43 100

58 25.8 44.4 66.6#

57 22.1 15.7 23.5

100 0.2 9.9 14.9#

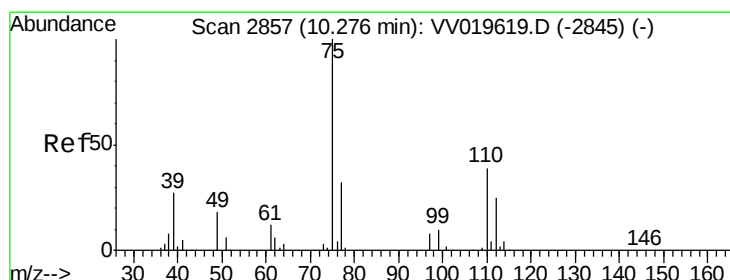
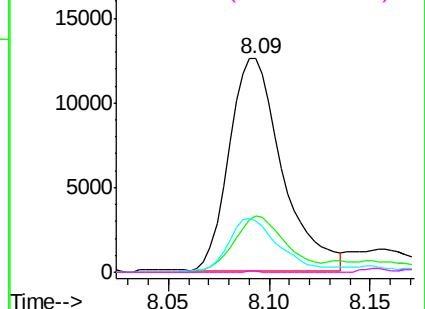
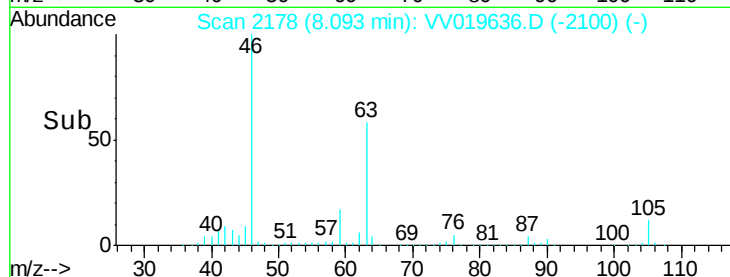


Abundance Ion 43.00 (42.70 to 43.70): VV019636.D (-2178) (-)

Ion 58.00 (57.70 to 58.70): VV019636.D (-2178) (-)

Ion 57.00 (56.70 to 57.70): VV019636.D (-2178) (-)

Ion 100.00 (99.70 to 100.70): VV019636.D (-2178) (-)



#59

1,2,3-Trichloropropane

Concen: 6.642 ug/L

RT: 11.25 min Scan# 3161

Delta R.T. 0.98 min

Lab File: VV019636.D

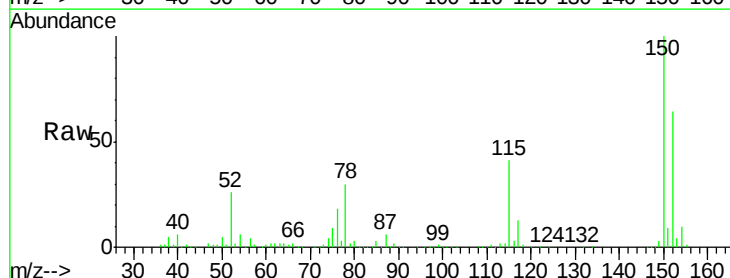
Acq: 15 Dec 2020 04:40

Tgt Ion: 75 Resp: 35617

Ion Ratio Lower Upper

75 100

77 37.7 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VV019636.D (-2235) (-)

Ion 77.00 (76.70 to 77.70): VV019636.D (-2235) (-)

