

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV122420\
 Data File : VV019839.D
 Acq On : 24 Dec 2020 16:12
 Operator : SY/MD
 Sample : L5173-03
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

Quant Time: Dec 25 05:38:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 25 05:36:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	640319	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	605650	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.26	152	272771	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	216016	47.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.10%
7) Chloroethane-d5	1.57	69	179505	49.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.14%
11) 1,1-Dichloroethene-d2	2.11	63	315875	37.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.14%
21) 2-Butanone-d5	3.90	46	340613	136.48	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	136.48%#
24) Chloroform-d	4.35	84	400456	48.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.78%
26) 1,2-Dichloroethane-d4	5.04	65	283176	52.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.72%
32) Benzene-d6	5.05	84	797200	49.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.70%
36) 1,2-Dichloropropane-d6	6.07	67	260782	51.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.08%
41) Toluene-d8	7.32	98	684856	47.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.18%
43) trans-1,3-Dichloropropene-	7.63	79	114629	39.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.66%
47) 2-Hexanone-d5	8.09	63	196078	98.73	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.73%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	313650	45.83	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.66%
64) 1,2-Dichlorobenzene-d4	11.63	152	246976	48.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.88%

Target Compounds

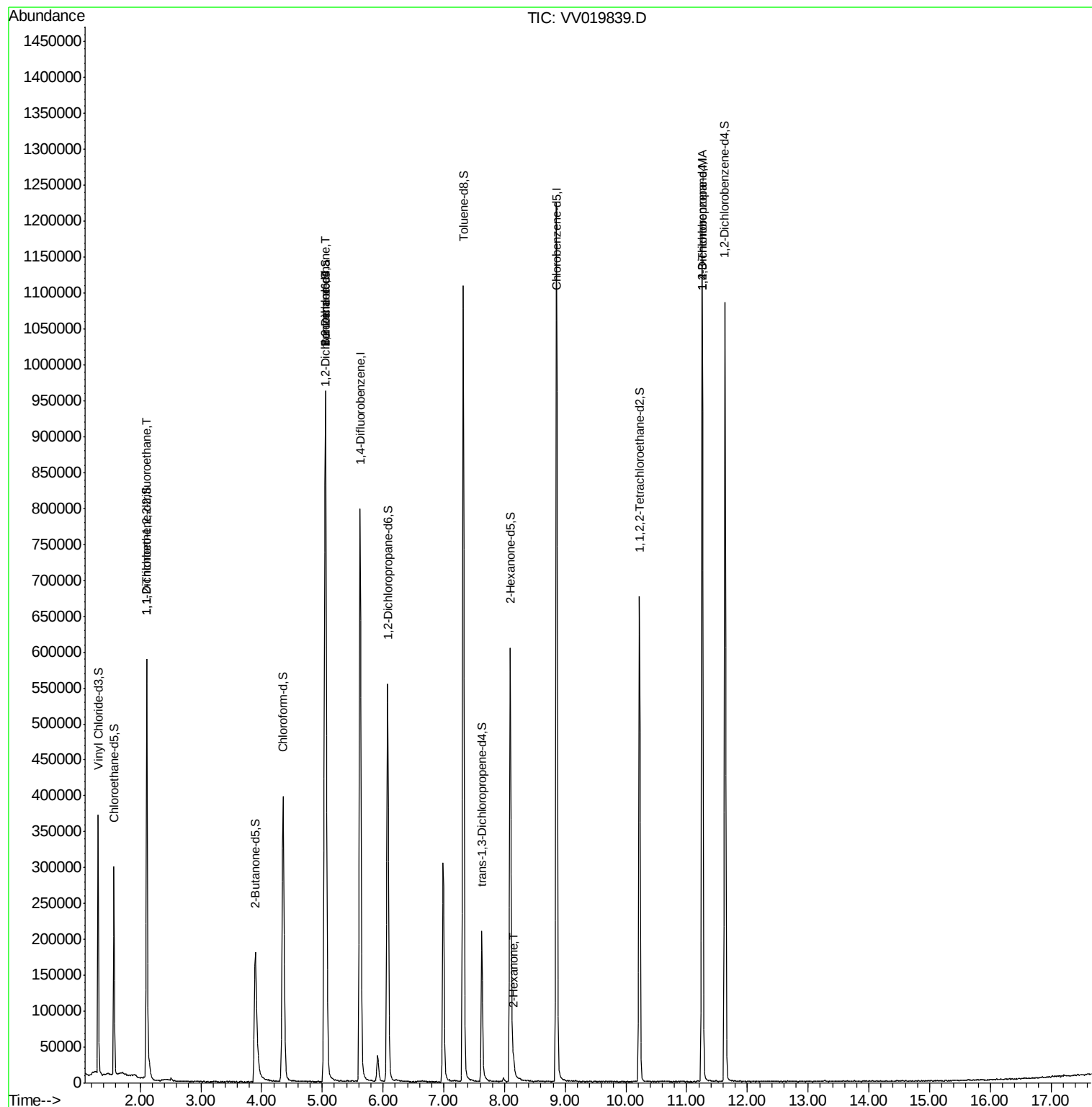
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	2680	0.721 ug/L #	23
27) 1,2-Dichloroethane	5.05	62	5659	0.844 ug/L	99
48) 2-Hexanone	8.15	43	11741	2.320 ug/L #	61
59) 1,2,3-Trichloropropane	11.26	75	39227	6.823 ug/L	91

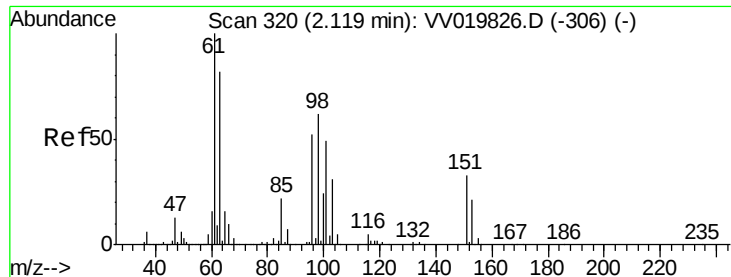
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.721 ug/L

RT: 2.11 min Scan# 317

Delta R.T. -0.01 min

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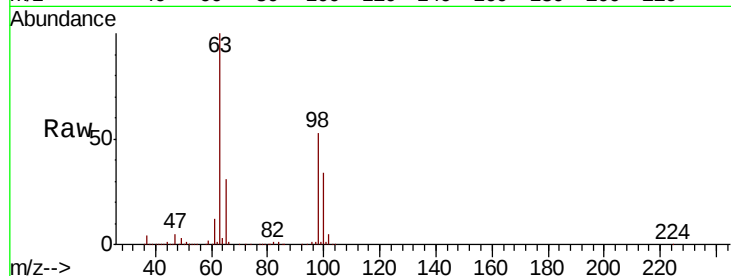
Tot Ion:101 Resp: 2680

Ion Ratio Lower Upper

101 100

85 2.9 35.0 52.4#

151 0.0 55.8 83.8#



Abundance Ion 101.00 (100.70 to 101.70): VV019826.D (-306) (-)

Ion 85.00 (84.70 to 85.70): VV019826.D (-306) (-)

Ion 151.00 (150.70 to 151.70): VV019826.D (-306) (-)

2.11

1500

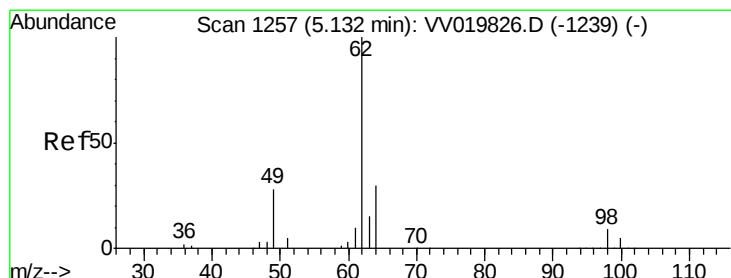
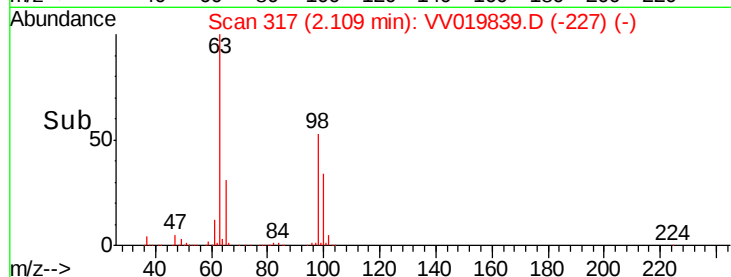
1000

500

0

2.10 2.15

Time-->



#27

1,2-Dichloroethane

Concen: 0.844 ug/L

RT: 5.05 min Scan# 1233

Delta R.T. -0.08 min

Lab File: VV019839.D

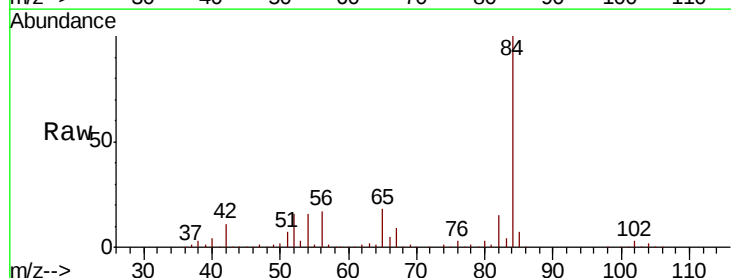
Acq: 24 Dec 2020 16:12

Tgt Ion: 62 Resp: 5659

Ion Ratio Lower Upper

62 100

98 9.5 7.4 11.0



Abundance Ion 62.00 (61.70 to 62.70): VV019826.D (-1239) (-)

Ion 98.00 (97.70 to 98.70): VV019826.D (-1239) (-)

5.05

2500

2000

1500

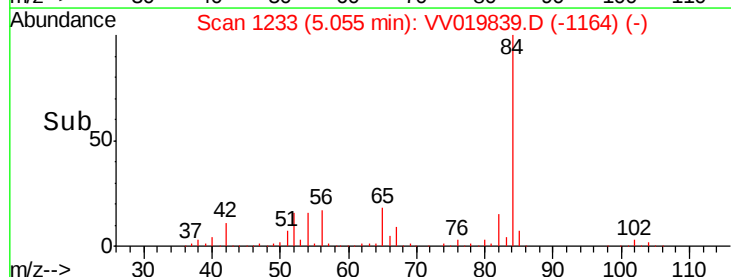
1000

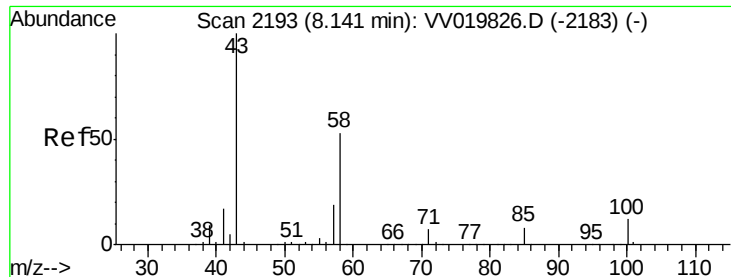
500

0

5.00 5.05 5.10

Time-->





#48

2-Hexanone

Concen: 2.320 ug/L

RT: 8.15 min Scan# 2196

Delta R.T. 0.01 min

Lab File: VV019839.D

Acq: 24 Dec 2020 16:12

Instrument :

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ClientSampleId :

VHBLK01

Tot Ion: 43 Resp: 11741

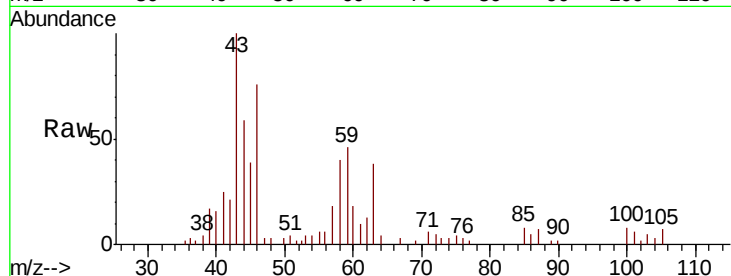
Ion Ratio Lower Upper

43 100

58 22.3 44.4 66.6#

57 1.3 15.7 23.5#

100 8.4 9.9 14.9#

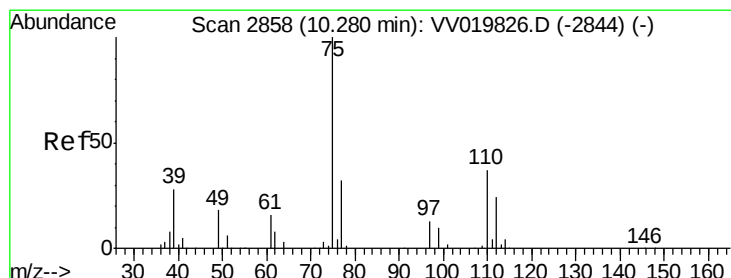
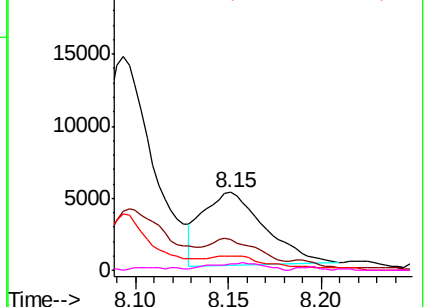
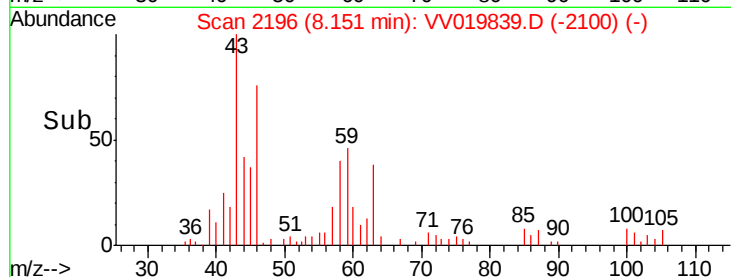


Abundance Ion 43.00 (42.70 to 43.70): VV019826.D (-2183) (-)

Ion 58.00 (57.70 to 58.70): VV019826.D (-2183) (-)

Ion 57.00 (56.70 to 57.70): VV019826.D (-2183) (-)

Ion 100.00 (99.70 to 100.70): VV019826.D (-2183) (-)



#59

1,2,3-Trichloropropane

Concen: 6.823 ug/L

RT: 11.26 min Scan# 3162

Delta R.T. 0.98 min

Lab File: VV019839.D

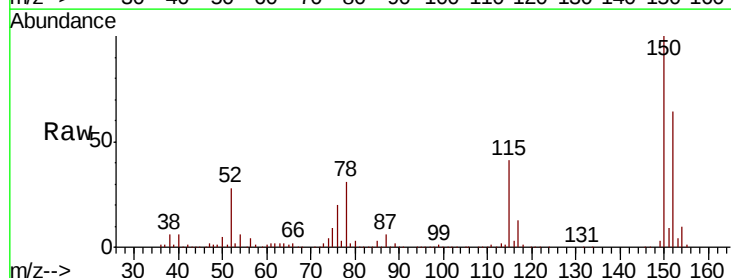
Acq: 24 Dec 2020 16:12

Tgt Ion: 75 Resp: 39227

Ion Ratio Lower Upper

75 100

77 37.6 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VV019826.D (-2844) (-)

Ion 77.00 (76.70 to 77.70): VV019826.D (-2844) (-)

