

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV010821\
 Data File : VV019939.D
 Acq On : 08 Jan 2021 10:56
 Operator : SY/MD
 Sample : VV0108WBL01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK70

Quant Time: Jan 08 22:51:51 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM122820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 08 22:51:06 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	500396	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	478177	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.26	152	222203	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	158542	40.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.88%
7) Chloroethane-d5	1.57	69	143715	46.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.38%
11) 1,1-Dichloroethene-d2	2.11	63	251740	34.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.78%
21) 2-Butanone-d5	3.89	46	296412	103.28	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.28%
24) Chloroform-d	4.35	84	336998	46.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.12%
26) 1,2-Dichloroethane-d4	5.04	65	239602	50.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.20%
32) Benzene-d6	5.05	84	637905	46.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.66%
36) 1,2-Dichloropropane-d6	6.07	67	214829	47.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.90%
41) Toluene-d8	7.32	98	539505	44.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.04%
43) trans-1,3-Dichloropropene-	7.63	79	92283	41.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.00%
47) 2-Hexanone-d5	8.09	63	162760	86.98	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.98%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	265760	45.13	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.26%
64) 1,2-Dichlorobenzene-d4	11.63	152	206380	48.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.12%

Target Compounds

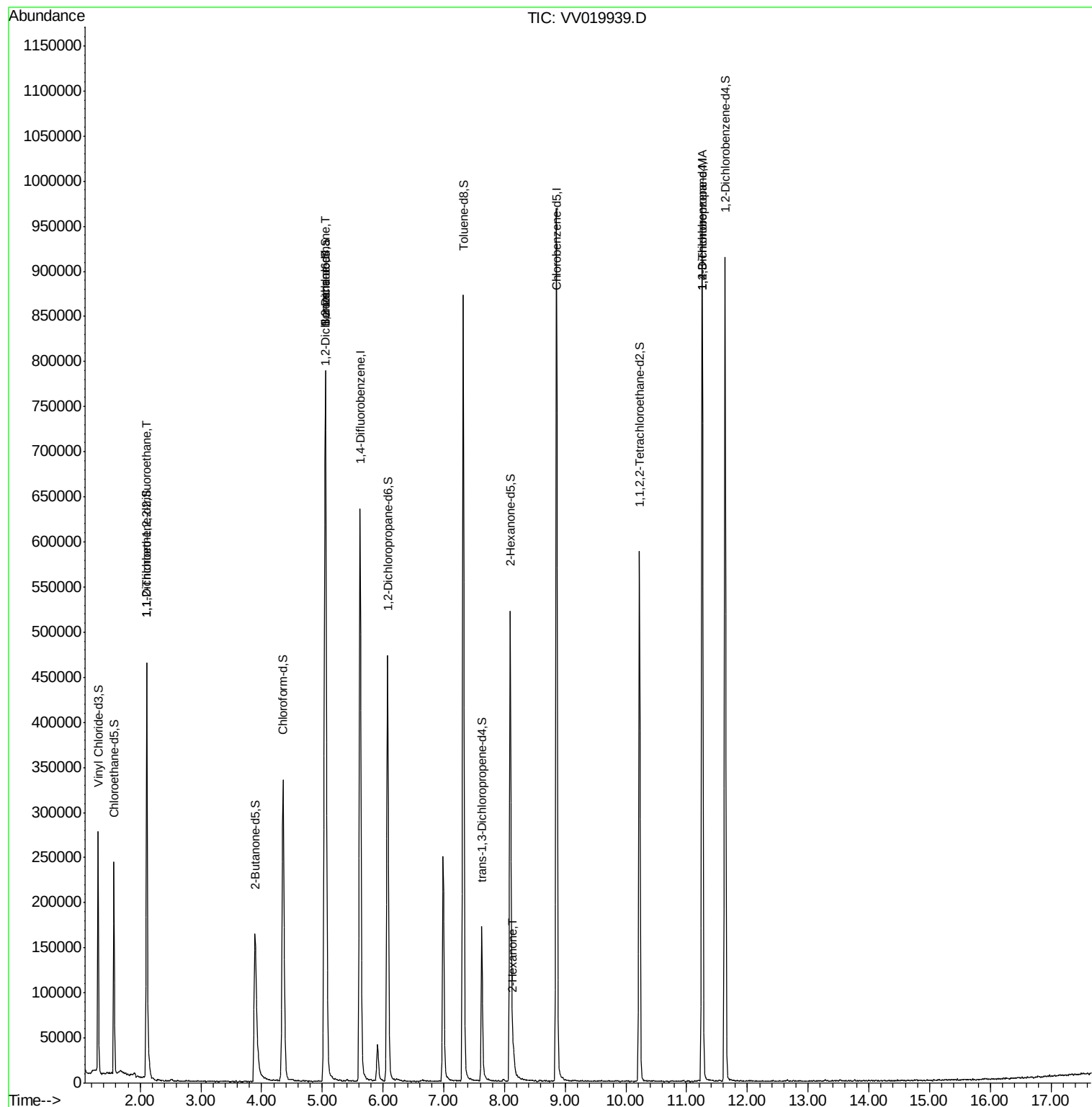
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	2281	0.719 ug/L #	28
27) 1,2-Dichloroethane	5.05	62	4239	0.725 ug/L	98
48) 2-Hexanone	8.15	43	13982	2.990 ug/L #	89
59) 1,2,3-Trichloropropane	11.25	75	32484	6.326 ug/L	96

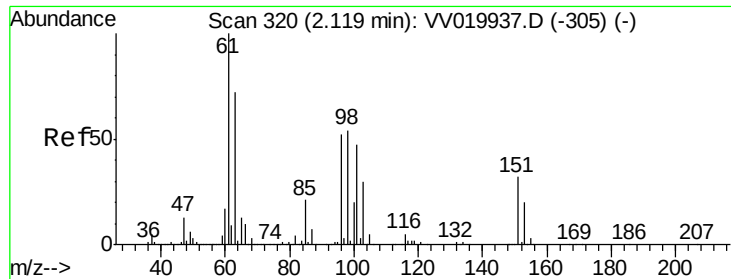
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jan 08 22:51:06 2021
Response via : Initial Calibration





#10

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

Concen: 0.719 ug/L

RT: 2.11 min Scan# 318

Delta R.T. -0.01 min

Lab File: VV019939.D

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MSVOA_V

ClientSampleId :

VBLK70

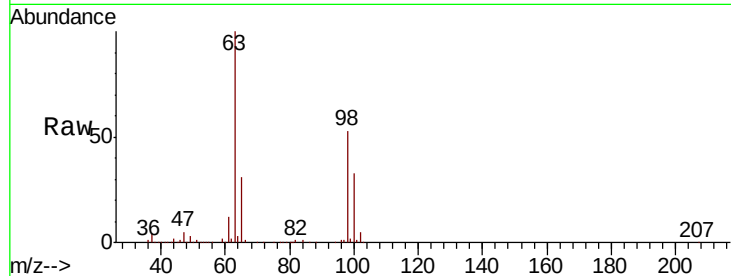
Tot Ion:101 Resp: 2281

Ion Ratio Lower Upper

101 100

85 1.8 35.3 52.9#

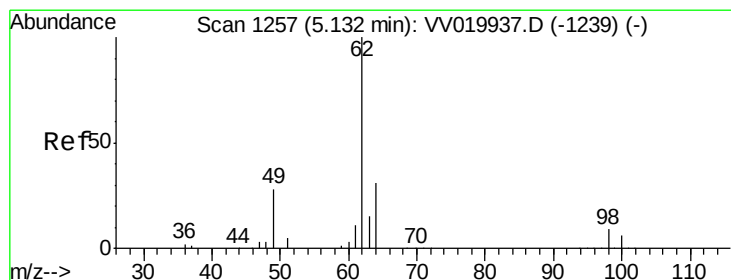
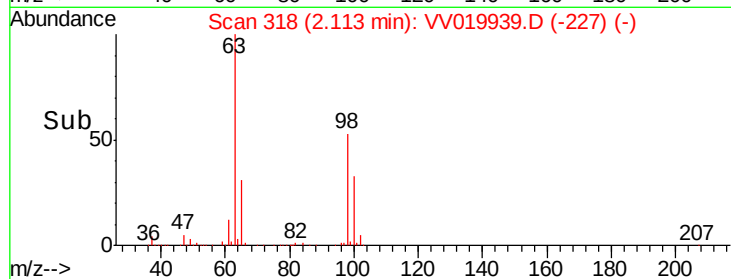
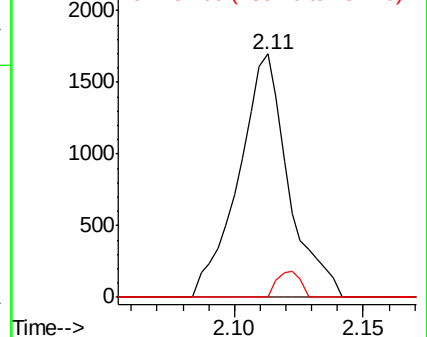
151 5.1 53.6 80.4#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#27

1,2-Dichloroethane

Concen: 0.725 ug/L

RT: 5.05 min Scan# 1233

Delta R.T. -0.08 min

Lab File: VV019939.D

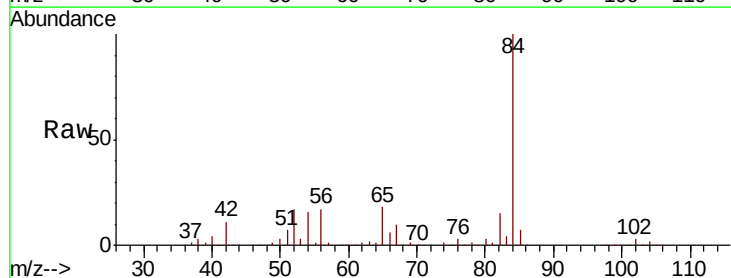
Acq: 08 Jan 2021 10:56

Tgt Ion: 62 Resp: 4239

Ion Ratio Lower Upper

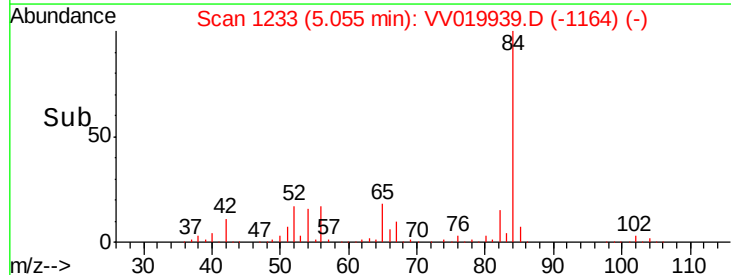
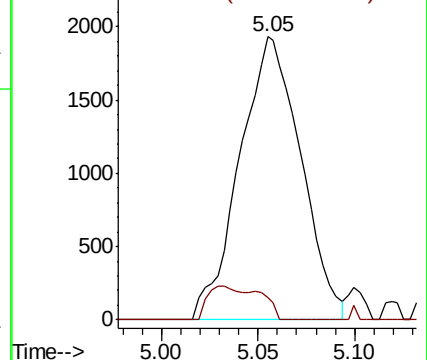
62 100

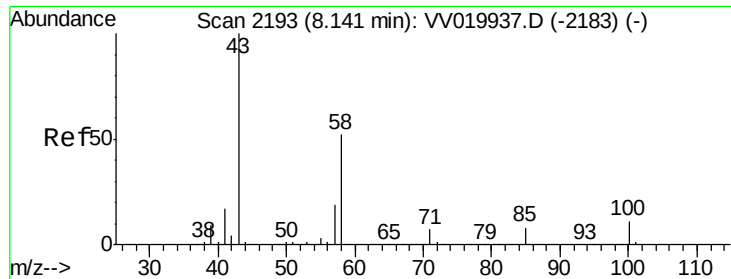
98 7.9 6.9 10.3



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

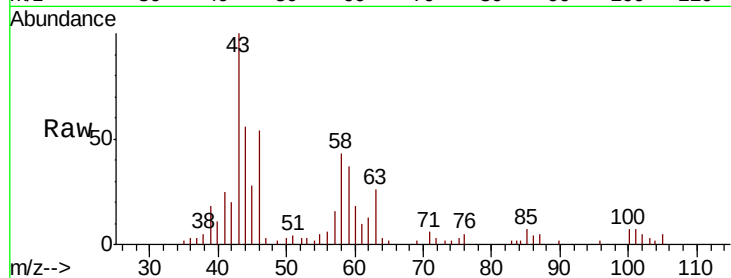




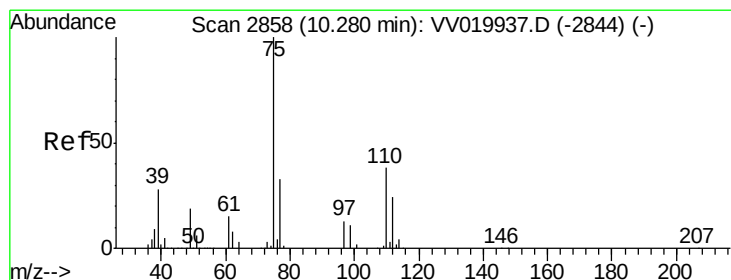
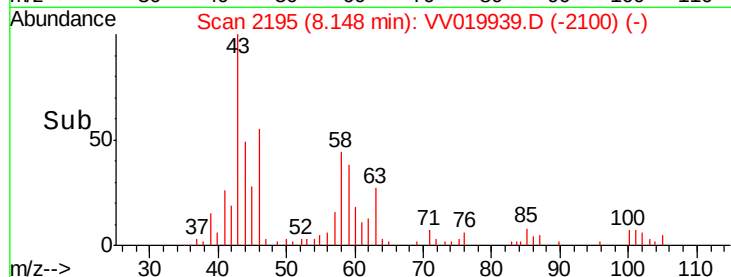
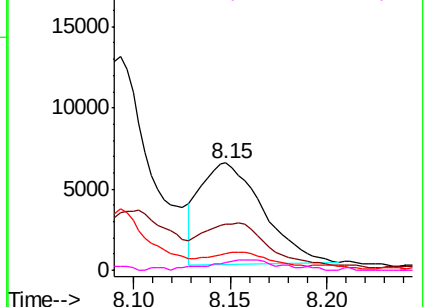
#48
2-Hexanone
Concen: 2.990 ug/L
RT: 8.15 min Scan# 2195
Delta R.T. 0.01 min
Lab File: VV019939.D
Acq: 08 Jan 2021 10:56

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Tot Ion:	43	Resp:	13982
Ion	Ratio	Lower	Upper
43	100		
58	45.3	41.8	62.6
57	10.4	15.0	22.4
100	9.3	8.9	13.3

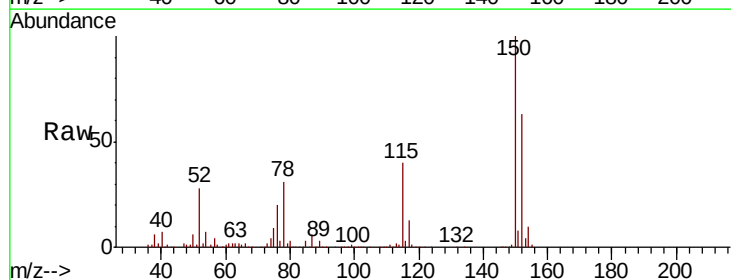


Abundance Ion 43.00 (42.70 to 43.70): VV019939.D (-2193) (-)
Ion 58.00 (57.70 to 58.70): VV019939.D (-2193) (-)
Ion 57.00 (56.70 to 57.70): VV019939.D (-2193) (-)
Ion 100.00 (99.70 to 100.70): VV019939.D (-2193) (-)



#59
1,2,3-Trichloropropane
Concen: 6.326 ug/L
RT: 11.25 min Scan# 3161
Delta R.T. 0.97 min
Lab File: VV019939.D
Acq: 08 Jan 2021 10:56

Tgt Ion:	75	Resp:	32484
Ion	Ratio	Lower	Upper
75	100		
77	33.7	25.4	38.0



Abundance Ion 75.00 (74.70 to 75.70): VV019939.D (-3161) (-)
Ion 77.00 (76.70 to 77.70): VV019939.D (-3161) (-)

