

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV122320\
 Data File : VV019817.D
 Acq On : 23 Dec 2020 17:22
 Operator : SY/MD
 Sample : VIBLK79
 Misc : 4.53g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK79

Quant Time: Dec 23 22:06:59 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	5.62	114	697429	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	652601	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	311011	50.00	ug/L	0.00

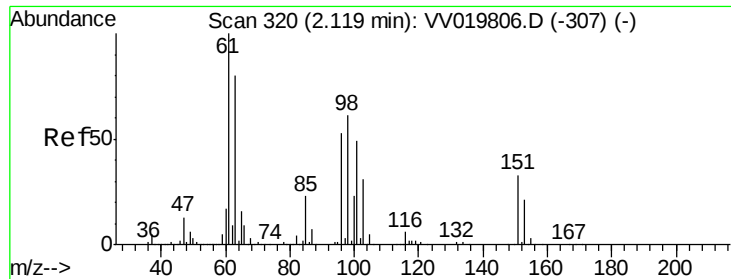
System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	227660	45.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.04%
7) Chloroethane-d5	1.57	69	191274	48.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.98%
11) 1,1-Dichloroethene-d2	2.11	63	331913	35.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.52%
21) 2-Butanone-d5	3.89	46	354543	130.43	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	130.43%#
24) Chloroform-d	4.35	84	433274	48.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.14%
26) 1,2-Dichloroethane-d4	5.04	65	304789	51.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.48%
32) Benzene-d6	5.05	84	868102	49.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.76%
36) 1,2-Dichloropropane-d6	6.07	67	277234	50.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.70%
41) Toluene-d8	7.32	98	748659	47.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.54%
43) trans-1,3-Dichloropropene-	7.62	79	125236	40.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.76%
47) 2-Hexanone-d5	8.09	63	207585	97.01	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.01%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	333821	45.27	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.54%
64) 1,2-Dichlorobenzene-d4	11.63	152	272641	46.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.80%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	2777	0.686 ug/L #	24
27) 1,2-Dichloroethane	5.05	62	5706	0.781 ug/L	95
48) 2-Hexanone	8.15	43	12147	2.228 ug/L #	43
59) 1,2,3-Trichloropropane	11.26	75	44250	7.142 ug/L	99

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



#10

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

Concen: 0.686 ug/L

RT: 2.11 min Scan# 317

Delta R.T. -0.01 min

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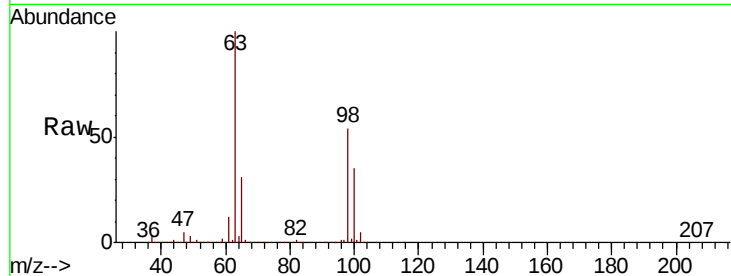
Tot Ion:101 Resp: 2777

Ion Ratio Lower Upper

101 100

85 4.9 35.0 52.4#

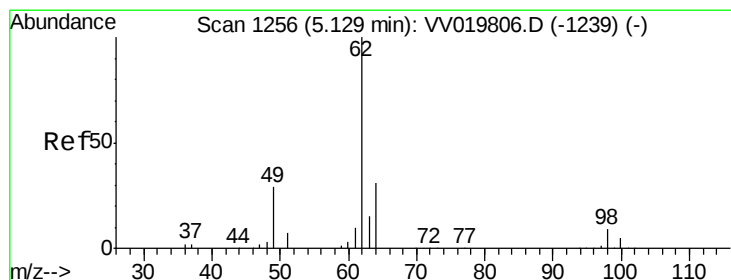
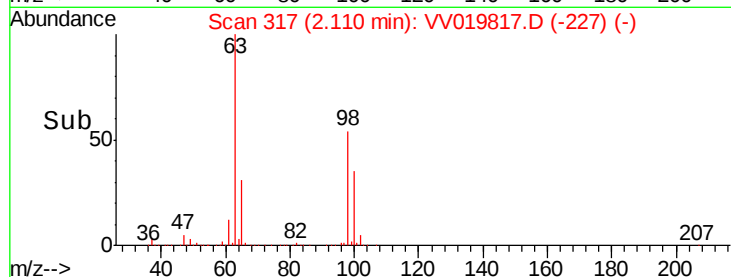
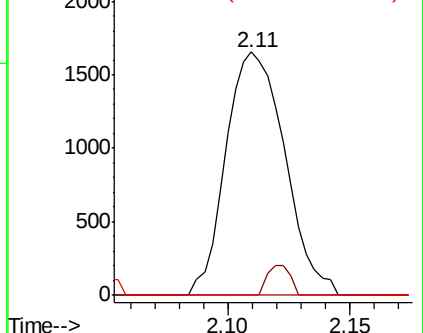
151 0.0 55.8 83.8#



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: 0.781 ug/L

RT: 5.05 min Scan# 1233

Delta R.T. -0.07 min

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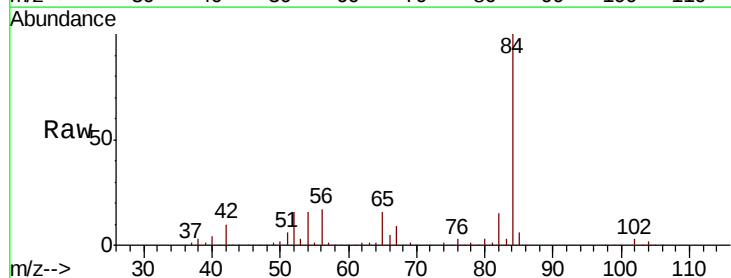
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Tgt Ion: 62 Resp: 5706

Ion Ratio Lower Upper

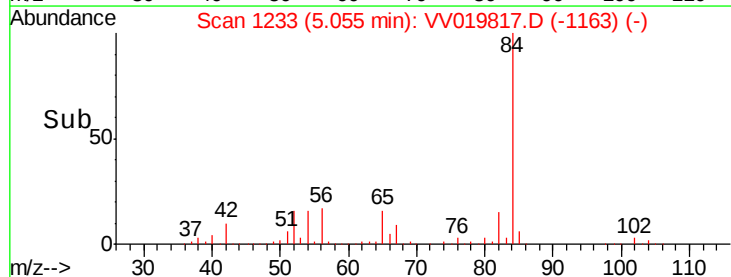
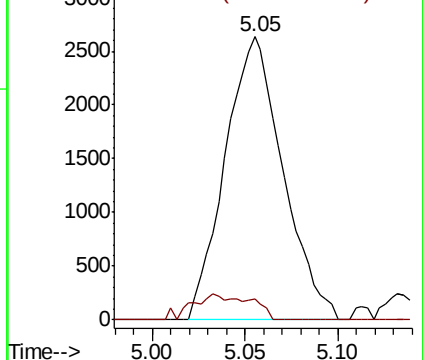
62 100

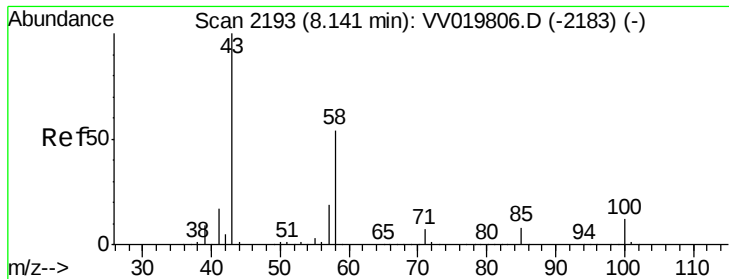
98 7.4 7.4 11.0



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

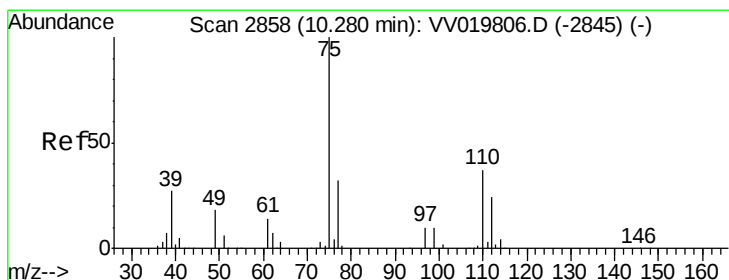
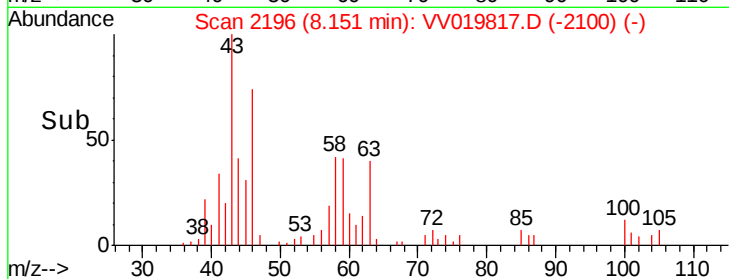
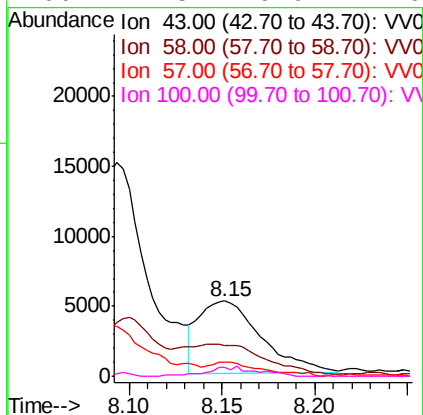
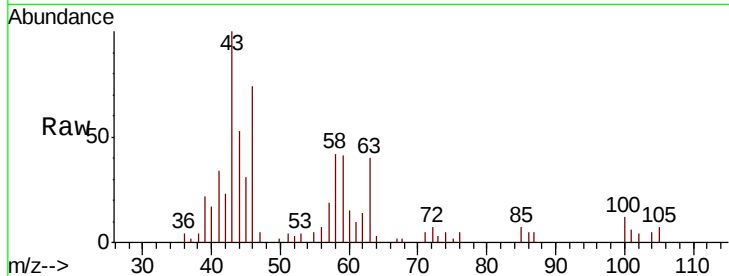




#48
2-Hexanone
Concen: 2.228 ug/L
RT: 8.15 min Scan# 2196
Delta R.T. 0.01 min
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Tot Ion:	43	Resp:	12147
Ion	Ratio	Lower	Upper
43	100		
58	0.0	44.4	66.6#
57	9.5	15.7	23.5#
100	2.5	9.9	14.9#



#59
1,2,3-Trichloropropane
Concen: 7.142 ug/L
RT: 11.26 min Scan# 3162
Delta R.T. 0.98 min
Lab File: VV019817.D
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Tgt Ion:	75	Resp:	44250
Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.8	38.8

