

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
 Data File : VV016561.D
 Acq On : 06 Jun 2020 02:05
 Operator : SY/MD
 Sample : L2862-07
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9D90

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Title : VOC Analysis

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.110	3	6	13	rVB2	22799	19880	1.23%	0.138%
2	1.222	35	41	60	rVB	129238	135574	8.42%	0.943%
3	1.316	63	70	79	rVB	218651	216461	13.44%	1.505%
4	1.553	138	144	157	rVB	132886	157801	9.80%	1.097%
5	1.624	158	166	179	rVB	114156	149445	9.28%	1.039%
6	2.113	308	318	331	rBV	306561	459218	28.50%	3.193%
7	2.296	366	375	380	rBV8	5156	8199	0.51%	0.057%
8	2.492	432	436	437	rBV3	2269	1527	0.09%	0.011%
9	2.589	453	466	480	rVB	98249	176175	10.94%	1.225%
10	2.730	505	510	511	rBV4	1703	1168	0.07%	0.008%
11	2.740	511	513	516	rVV3	2101	1449	0.09%	0.010%
12	2.772	516	523	534	rVV9	5945	12874	0.80%	0.090%
13	2.833	540	542	550	rVB5	1784	1547	0.10%	0.011%
14	3.142	636	638	647	rVB9	2033	1999	0.12%	0.014%
15	3.782	821	837	856	rBV3	29432	78408	4.87%	0.545%
16	3.859	856	861	862	rBV5	1757	1255	0.08%	0.009%
17	3.894	862	872	900	rBV	119113	311195	19.32%	2.164%
18	4.293	993	996	1001	rBV5	1368	1197	0.07%	0.008%
19	4.373	1005	1021	1043	rVV	244008	589502	36.59%	4.098%
20	4.618	1094	1097	1099	rVV4	1377	1001	0.06%	0.007%
21	4.701	1108	1123	1139	rVV3	53636	133047	8.26%	0.925%
22	4.962	1201	1204	1206	rBV4	1697	1318	0.08%	0.009%
23	5.068	1219	1237	1275	rBV2	599130	1611027	100.00%	11.200%
24	5.245	1281	1292	1303	rVB	14645	31787	1.97%	0.221%
25	5.444	1351	1354	1360	rVB8	1774	2197	0.14%	0.015%
26	5.640	1399	1415	1437	rBV	441940	883439	54.84%	6.142%
27	5.839	1472	1477	1480	rBV7	1406	1168	0.07%	0.008%
28	5.929	1501	1505	1510	rVB6	2214	2288	0.14%	0.016%
29	5.994	1521	1525	1528	rVB4	1514	1121	0.07%	0.008%
30	6.093	1542	1556	1585	rBV	343366	690928	42.89%	4.804%
31	6.280	1611	1614	1616	rVB3	2220	1359	0.08%	0.009%
32	6.386	1643	1647	1652	rVB7	1365	1104	0.07%	0.008%
33	6.479	1673	1676	1679	rBV4	1598	1387	0.09%	0.010%
34	6.521	1684	1689	1692	rBV6	1252	1250	0.08%	0.009%

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 Title : VOC Analysis

35	6.560	1696	1701	1702	rBV5	1815	1211	0.08%	0.008%
36	6.785	1765	1771	1774	rBV5	1729	1527	0.09%	0.011%
37	6.814	1774	1780	1781	rBV5	3494	2986	0.19%	0.021%
38	6.888	1799	1803	1808	rBV5	1986	1408	0.09%	0.010%
39	7.007	1829	1840	1859	rBV2	188682	342161	21.24%	2.379%
40	7.174	1885	1892	1895	rBV8	2595	2986	0.19%	0.021%
41	7.338	1931	1943	1960	rBV	700203	1211225	75.18%	8.421%
42	7.460	1979	1981	1987	rVB6	2182	1638	0.10%	0.011%
43	7.547	2006	2008	2012	rVB4	2493	1729	0.11%	0.012%
44	7.640	2026	2037	2058	rVV	134720	229369	14.24%	1.595%
45	7.955	2127	2135	2136	rBV7	1976	2158	0.13%	0.015%
46	8.106	2171	2182	2213	rBV	444201	779191	48.37%	5.417%
47	8.238	2216	2223	2237	rVB3	21870	38713	2.40%	0.269%
48	8.669	2353	2357	2359	rVV5	1460	1058	0.07%	0.007%
49	8.772	2386	2389	2392	rBV5	1889	1596	0.10%	0.011%
50	8.871	2408	2420	2430	rBV	653399	1050769	65.22%	7.305%
51	9.032	2459	2470	2492	rBV	772851	1213337	75.31%	8.435%
52	9.129	2495	2500	2506	rVV2	7254	9902	0.61%	0.069%
53	9.286	2535	2549	2556	rVV4	28150	55856	3.47%	0.388%
54	9.328	2557	2562	2577	rVB8	19047	38002	2.36%	0.264%
55	9.405	2578	2586	2597	rVV3	19114	31525	1.96%	0.219%
56	9.476	2597	2608	2620	rVV4	23071	42789	2.66%	0.297%
57	9.563	2631	2635	2642	rBV9	2188	2366	0.15%	0.016%
58	9.650	2657	2662	2665	rBV6	1548	1480	0.09%	0.010%
59	9.698	2670	2677	2679	rBV8	1758	1766	0.11%	0.012%
60	9.736	2679	2689	2702	rVB7	16590	32821	2.04%	0.228%
61	9.826	2706	2717	2727	rVV4	14216	26973	1.67%	0.188%
62	9.888	2727	2736	2746	rVB2	18520	31536	1.96%	0.219%
63	9.955	2749	2757	2765	rVV2	13329	19617	1.22%	0.136%
64	10.106	2797	2804	2819	rVB6	16163	31688	1.97%	0.220%
65	10.183	2819	2828	2834	rBV9	9076	15998	0.99%	0.111%
66	10.238	2834	2845	2859	rVB	483364	764430	47.45%	5.315%
67	10.431	2901	2905	2914	rVB	21960	28405	1.76%	0.197%
68	10.524	2927	2934	2944	rVB6	15352	23443	1.46%	0.163%
69	10.720	2980	2995	3001	rBV6	8284	16078	1.00%	0.112%
70	10.797	3007	3019	3028	rBV6	20751	50910	3.16%	0.354%
71	11.116	3111	3118	3133	rBV6	18074	40887	2.54%	0.284%

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72	11.270	3155	3166	3187	rVB	717068	1106012	68.65%	7.689%
73	11.360	3188	3194	3201	rVB3	9903	13084	0.81%	0.091%
74	11.553	3247	3254	3267	rVB2	36454	63648	3.95%	0.442%
75	11.646	3272	3283	3298	rVV	776695	1204967	74.79%	8.377%
76	11.772	3318	3322	3331	rVB6	10814	14991	0.93%	0.104%
77	12.241	3465	3468	3469	rBV2	1851	1088	0.07%	0.008%
78	12.711	3607	3614	3616	rBV8	3072	3419	0.21%	0.024%
79	12.910	3668	3676	3683	rBV4	8568	13547	0.84%	0.094%
80	12.955	3687	3690	3692	rBV4	2841	1894	0.12%	0.013%
81	13.241	3769	3779	3788	rBV4	6257	12268	0.76%	0.085%
82	13.527	3861	3868	3878	rBV4	7499	12607	0.78%	0.088%
83	13.649	3898	3906	3916	rBV	16772	28641	1.78%	0.199%
84	13.871	3966	3975	3983	rBV	8459	16180	1.00%	0.112%
85	13.958	3999	4002	4006	rBV4	1246	1030	0.06%	0.007%
86	13.977	4006	4008	4013	rVB6	1452	1100	0.07%	0.008%
87	14.010	4013	4018	4021	rBV6	1676	1155	0.07%	0.008%
88	14.071	4033	4037	4038	rBV3	1882	1284	0.08%	0.009%
89	14.103	4044	4047	4052	rBV5	1396	1254	0.08%	0.009%
90	14.276	4098	4101	4104	rVV4	1457	1339	0.08%	0.009%
91	14.318	4107	4114	4123	rVB7	8716	14167	0.88%	0.098%
92	14.405	4137	4141	4145	rBV5	1703	1396	0.09%	0.010%
93	14.601	4195	4202	4216	rVB5	6826	14192	0.88%	0.099%
94	14.662	4216	4221	4222	rBV4	1321	1231	0.08%	0.009%
95	14.817	4266	4269	4272	rBV5	1538	1106	0.07%	0.008%
96	14.852	4272	4280	4281	rBV5	6067	5855	0.36%	0.041%
97	15.485	4473	4477	4480	rBV6	1575	1745	0.11%	0.012%
98	15.566	4496	4502	4507	rBV8	1967	2538	0.16%	0.018%
99	15.717	4544	4549	4551	rBV5	1873	1859	0.12%	0.013%
100	15.900	4602	4606	4607	rBV3	1886	1355	0.08%	0.009%

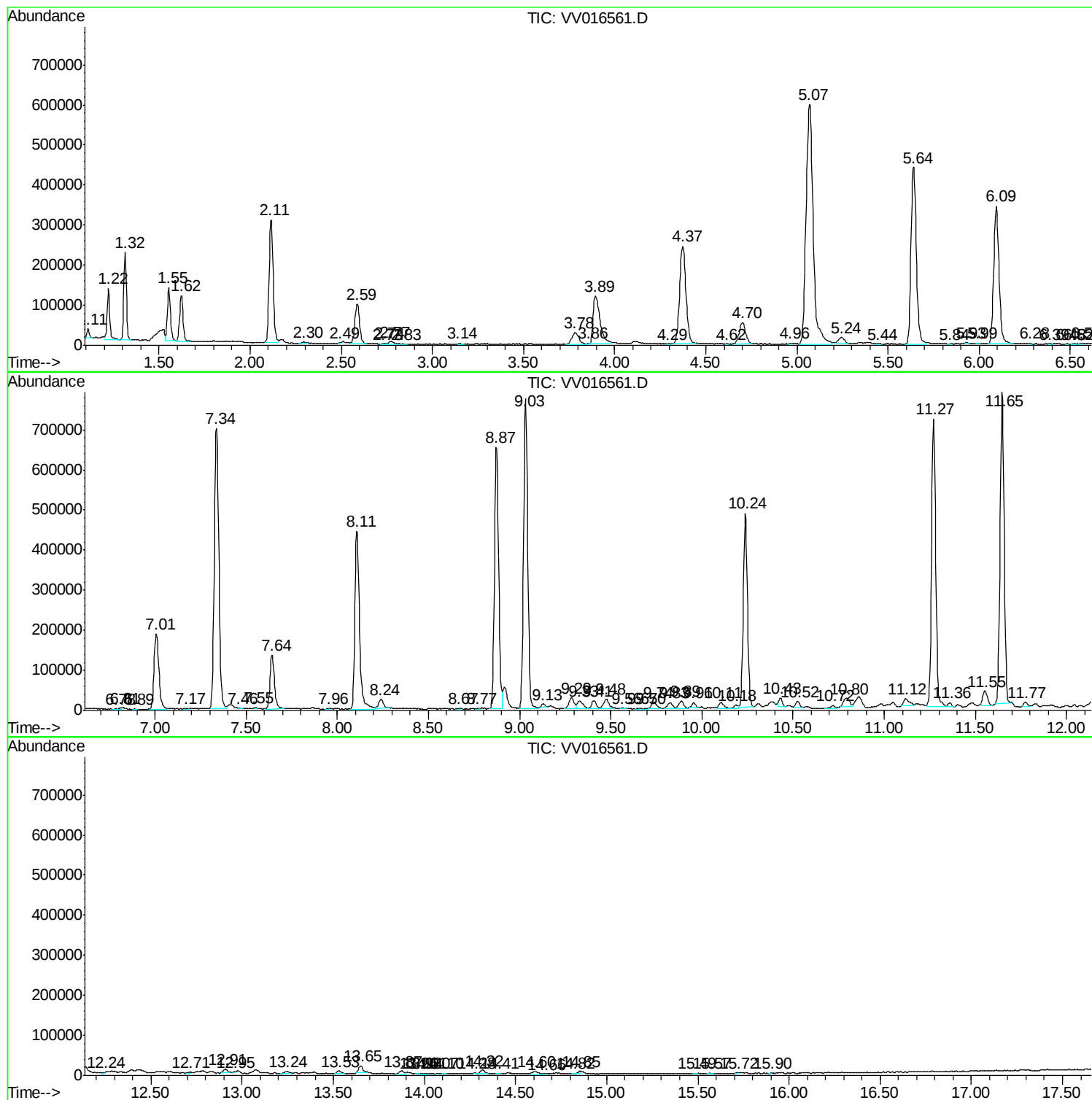
Sum of corrected areas: 14383781

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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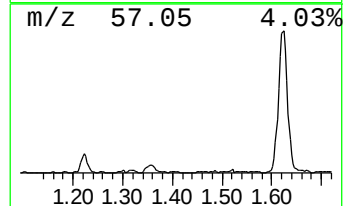
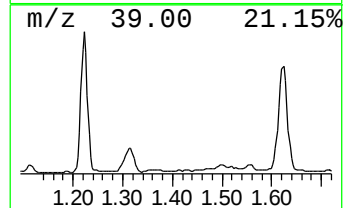
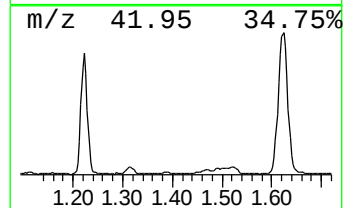
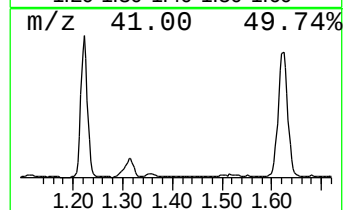
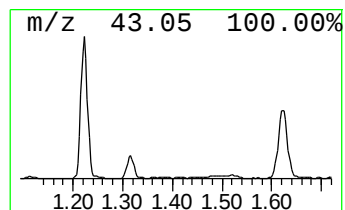
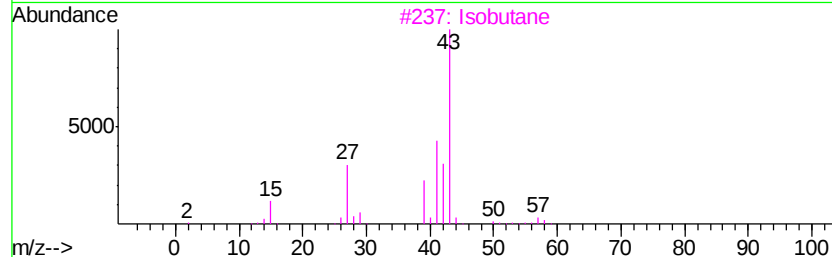
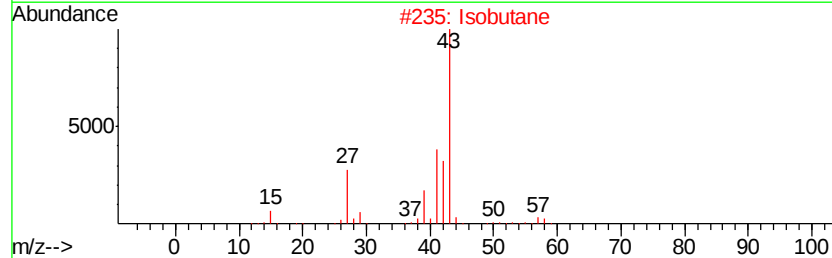
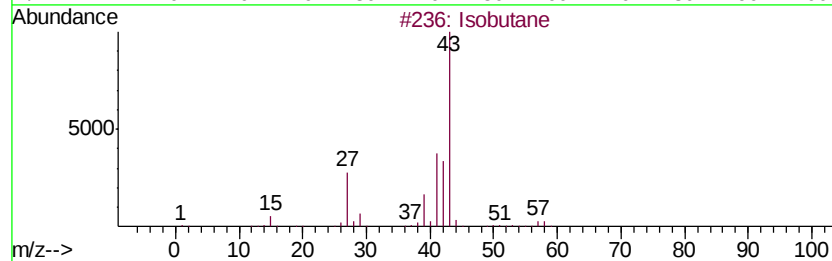
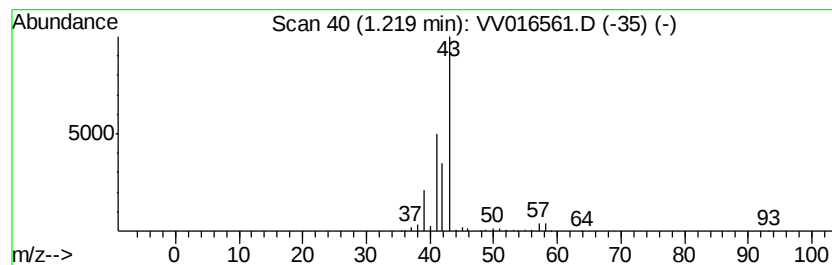
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.22	7.67 ug/L	135574	1,4-Difluorobenzene	5.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Isobutane	58	C4H10	000075-28-5	59
2		Isobutane	58	C4H10	000075-28-5	59
3		Isobutane	58	C4H10	000075-28-5	59
4		Isobutane	58	C4H10	000075-28-5	40
5		Propane, 1-chloro-2-methyl-	92	C4H9Cl	000513-36-0	9



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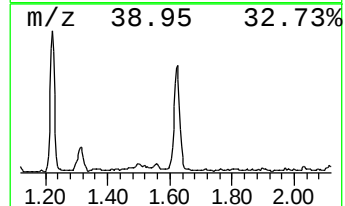
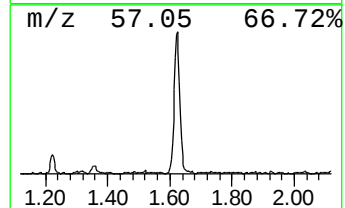
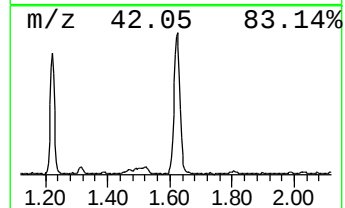
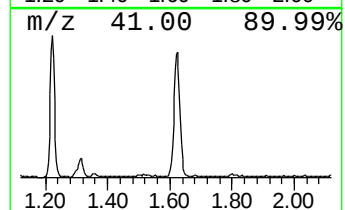
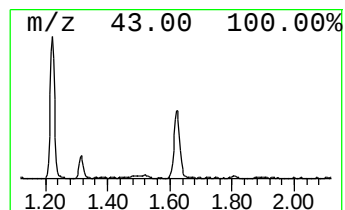
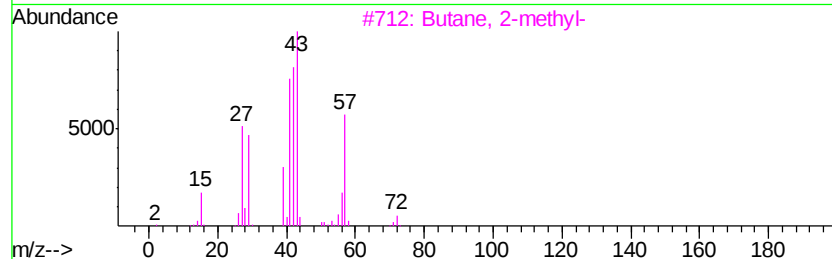
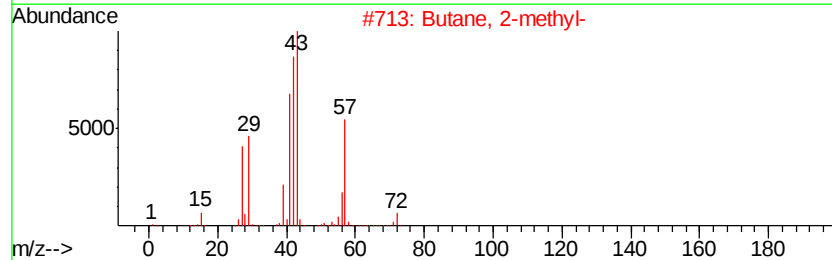
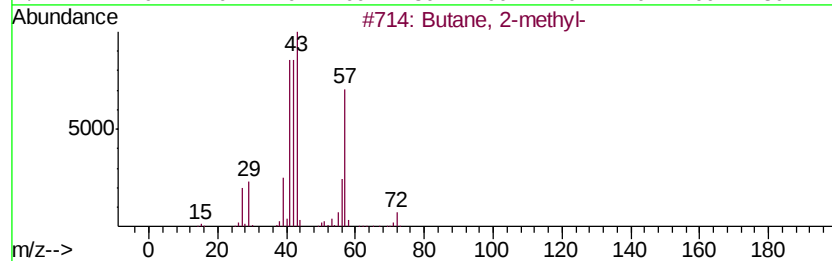
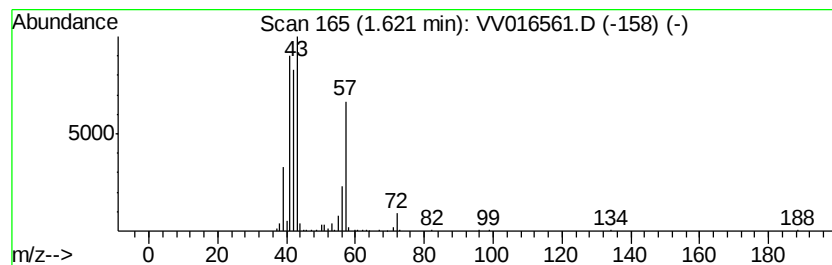
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.62	8.46 ug/L	149445	1,4-Difluorobenzene	5.64

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methyl-	72	C5H12	000078-78-4	91
2			Butane, 2-methyl-	72	C5H12	000078-78-4	91
3			Butane, 2-methyl-	72	C5H12	000078-78-4	80
4			2(3H)-Furanone, dihydro-4-methyl-	100	C5H8O2	001679-49-8	33
5			Pentane	72	C5H12	000109-66-0	33



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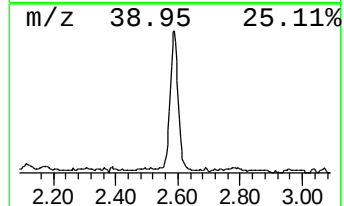
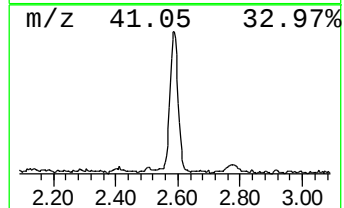
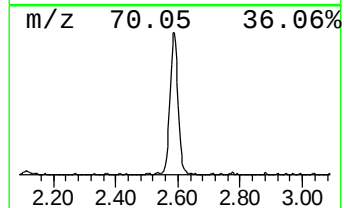
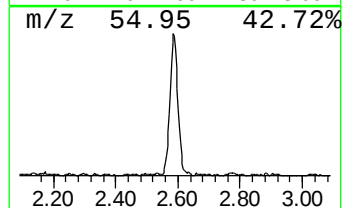
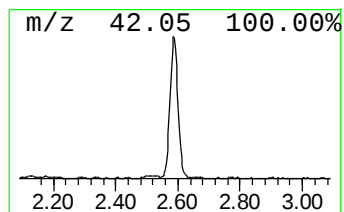
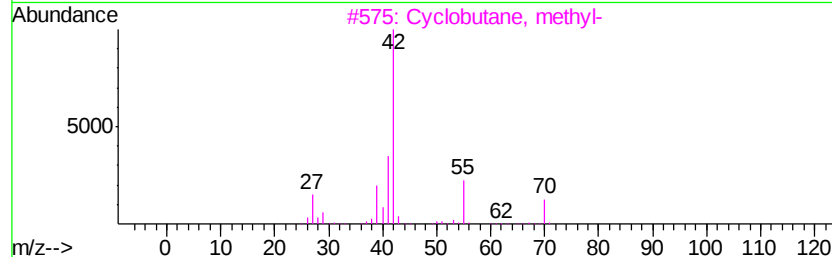
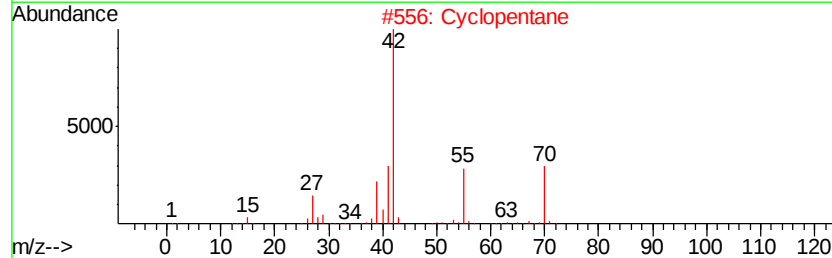
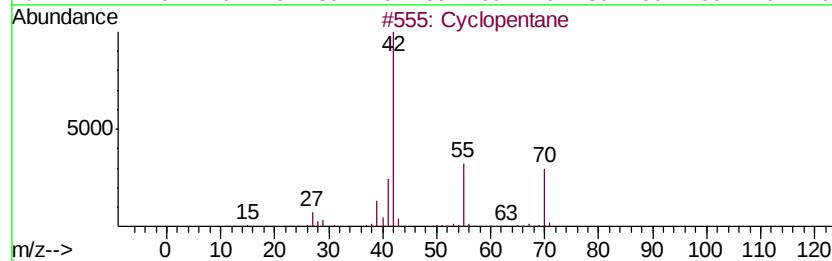
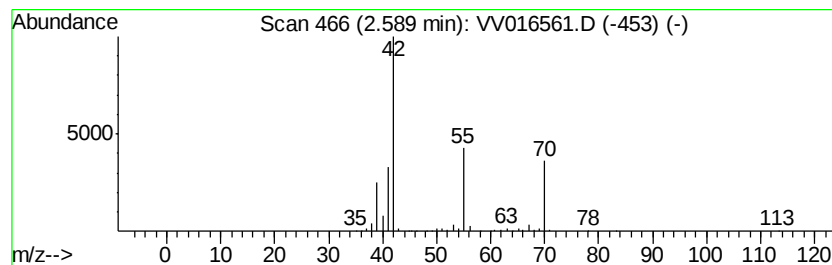
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Quant Title : VOC Analysis

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TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Cyclic2.59 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.59	9.97 ug/L	176175	1,4-Difluorobenzene	5.64

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane	70	C5H10	000287-92-3	86
2			Cyclopentane	70	C5H10	000287-92-3	86
3			Cyclobutane, methyl-	70	C5H10	000598-61-8	72
4			1-Pentene	70	C5H10	000109-67-1	50
5			Cyclobutanone	70	C4H6O	001191-95-3	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016561.D
Acq On : 06 Jun 2020 02:05
Operator : SY/MD
Sample : L2862-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9D90

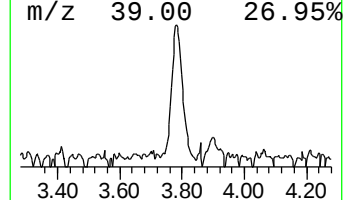
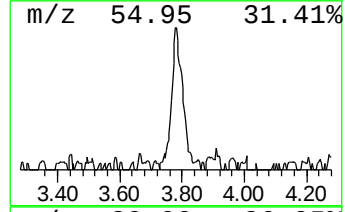
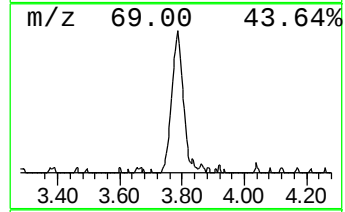
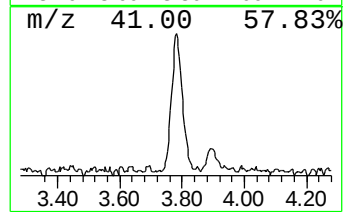
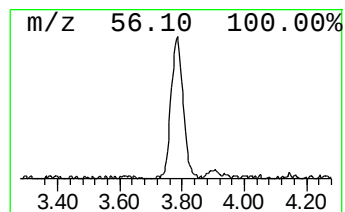
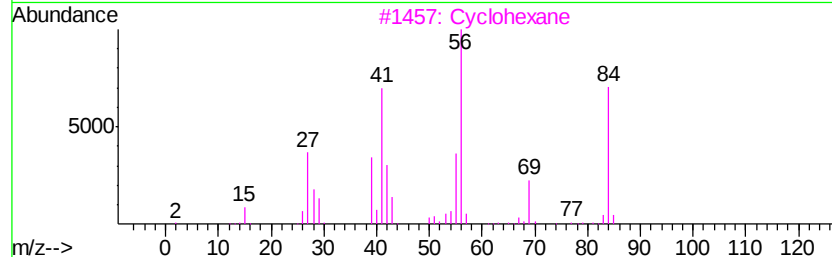
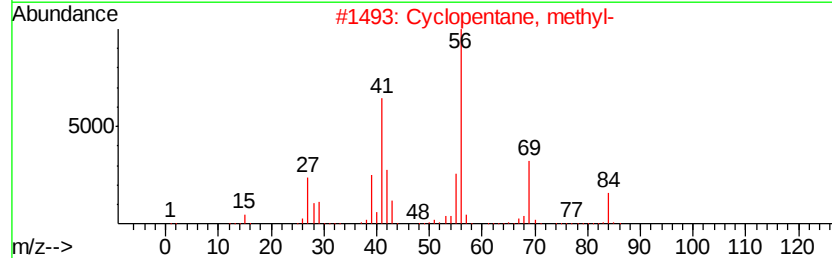
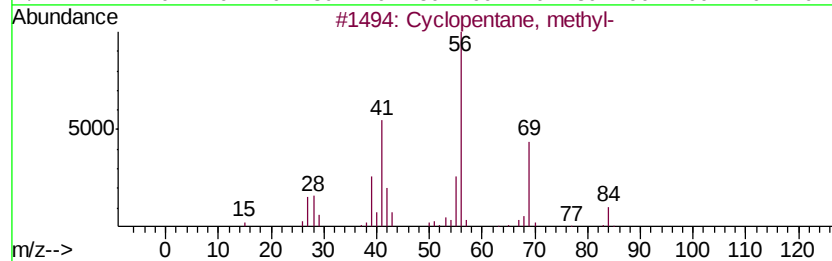
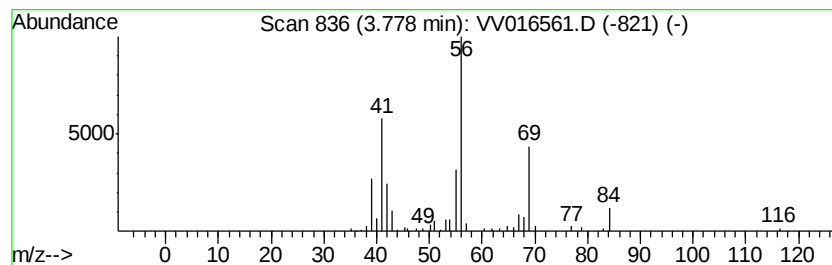
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Cyclic3.78 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.78	4.44 ug/L	78408	1,4-Difluorobenzene	5.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, methyl-	84	C6H12	000096-37-7	93
2		Cyclopentane, methyl-	84	C6H12	000096-37-7	87
3		Cyclohexane	84	C6H12	000110-82-7	80
4		Cyclohexane	84	C6H12	000110-82-7	78
5		Cyclohexane	84	C6H12	000110-82-7	72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016561.D
Acq On : 06 Jun 2020 02:05
Operator : SY/MD
Sample : L2862-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9D90

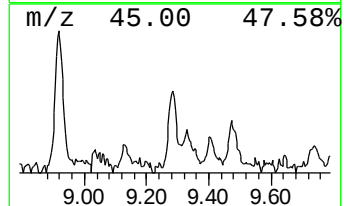
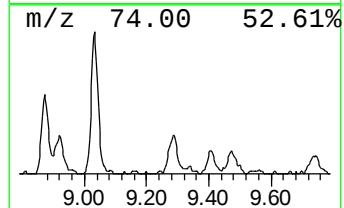
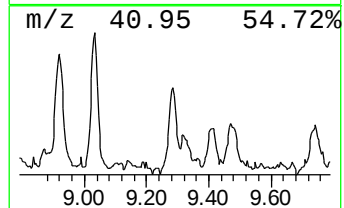
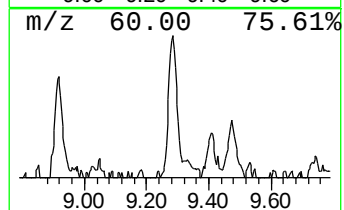
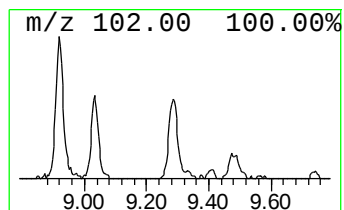
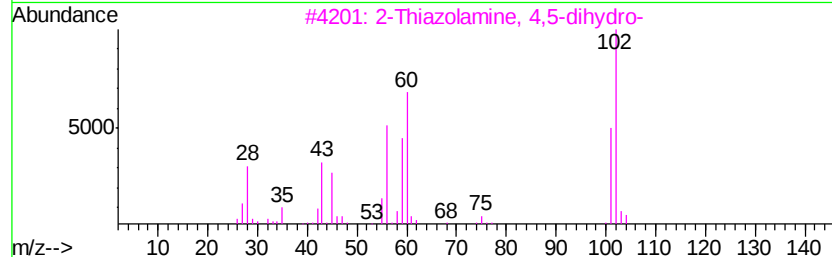
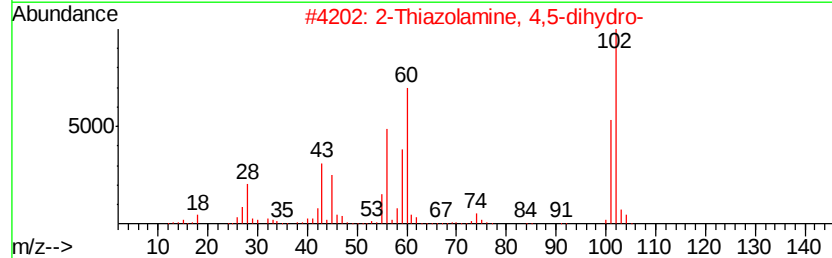
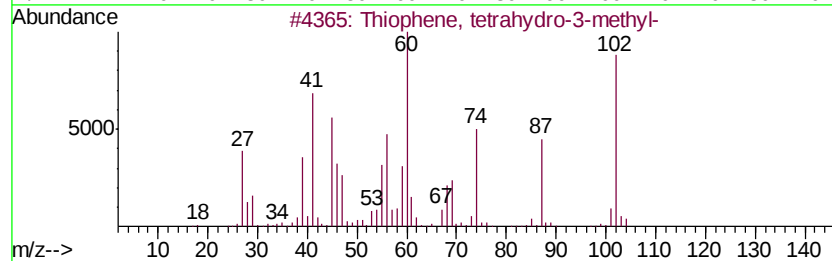
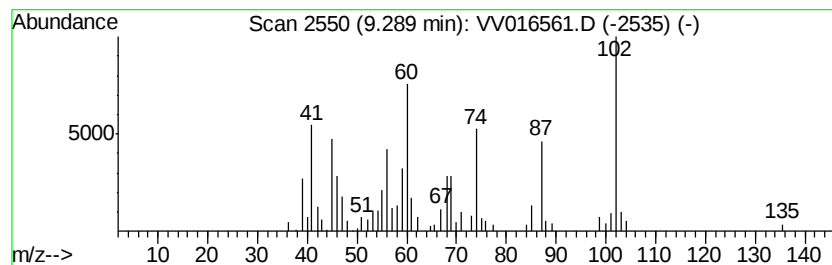
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Thiophene, tetrahydro-3-met... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.29	2.66 ug/L	55856	Chlorobenzene-d5	8.87

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Thiophene, tetrahydro-3-methyl-	102	C5H10S	004740-00-5	96
2		2-Thiazolamine, 4,5-dihydro-	102	C3H6N2S	001779-81-3	50
3		2-Thiazolamine, 4,5-dihydro-	102	C3H6N2S	001779-81-3	43
4		2-Thiazolamine, 4,5-dihydro-	102	C3H6N2S	001779-81-3	37
5		3-Ethylthio-1-propene	102	C5H10S	005296-62-8	37



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016561.D
Acq On : 06 Jun 2020 02:05
Operator : SY/MD
Sample : L2862-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampled :
F9D90

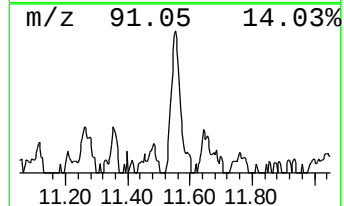
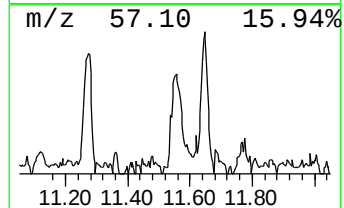
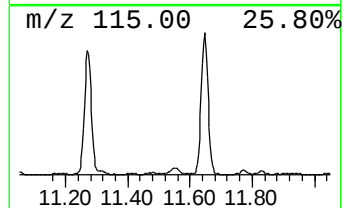
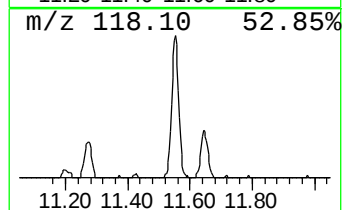
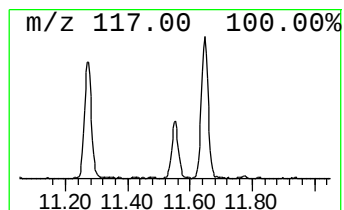
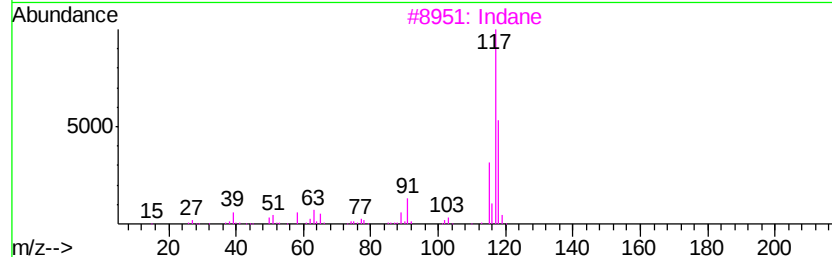
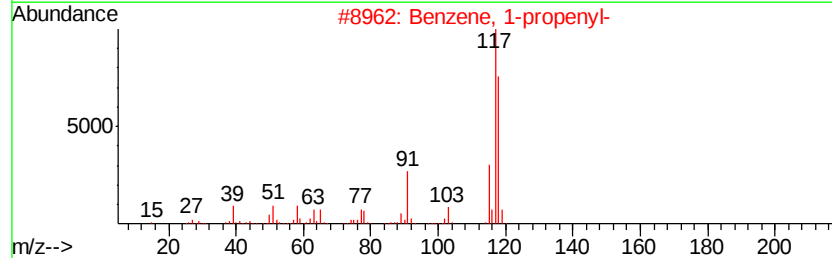
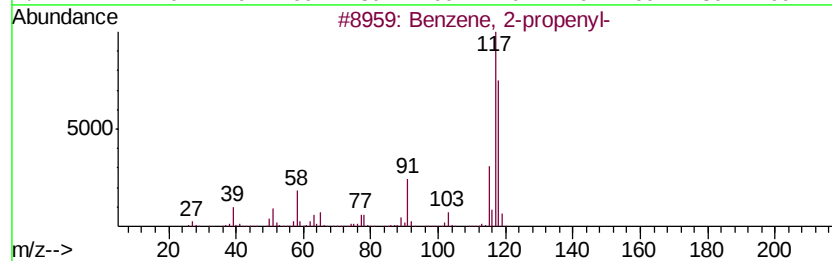
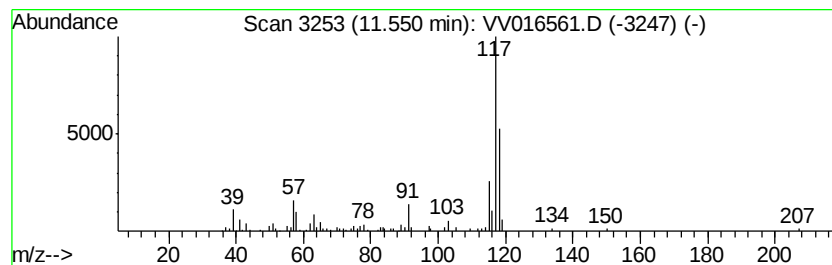
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Benzene, 2-propenyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.55	2.88 ug/L	63648	1,4-Dichlorobenzene-d4	11.27

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 2-propenyl-	118	C9H10	000300-57-2	93
2		Benzene, 1-propenyl-	118	C9H10	000637-50-3	91
3		Indane	118	C9H10	000496-11-7	90
4		(Z)-1-Phenylpropene	118	C9H10	000766-90-5	90
5		Deltacyclene	118	C9H10	007785-10-6	87



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016561.D
Acq On : 06 Jun 2020 02:05
Operator : SY/MD
Sample : L2862-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9D90

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	1.22	7.7	ug/L	135574	1	5.64	883439	50.0
(DEL) Alkane: Str...	1.62	8.5	ug/L	149445	1	5.64	883439	50.0
(DEL) Alkane: Cyc...	2.59	10.0	ug/L	176175	1	5.64	883439	50.0
(DEL) Alkane: Cyc...	3.78	4.4	ug/L	78408	1	5.64	883439	50.0
Thiophene, tetrah...	9.29	2.7	ug/L	55856	2	8.87	1050770	50.0
Benzene, 2-propenyl-	11.55	2.9	ug/L	63648	3	11.27	1106010	50.0