

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060820\
 Data File : VV016695.D
 Acq On : 09 Jun 2020 05:41
 Operator : SY/MD
 Sample : L2901-06
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETTS9

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\SOMVLM060820WMA.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	1.316	63	70	82	rVB	171593	178686	13.49%	1.298%
2	1.383	88	91	97	rVB	10689	9106	0.69%	0.066%
3	1.550	138	143	154	rVB	103822	134413	10.15%	0.976%
4	2.039	286	295	307	rBV	157208	220553	16.65%	1.602%
5	2.113	309	318	329	rVV	239343	365230	27.57%	2.652%
6	2.174	329	337	344	rVV	113393	180199	13.60%	1.309%
7	2.216	345	350	362	rVB	56110	80500	6.08%	0.585%
8	2.296	368	375	383	rBV2	14399	27769	2.10%	0.202%
9	2.438	409	419	439	rVB	743080	1161300	87.67%	8.433%
10	2.778	517	525	533	rBV9	4610	7767	0.59%	0.056%
11	3.151	638	641	645	rBV6	2049	1722	0.13%	0.013%
12	3.225	661	664	668	rVV4	1362	1094	0.08%	0.008%
13	3.364	704	707	709	rBV4	1317	997	0.08%	0.007%
14	3.428	722	727	729	rBV6	1376	1292	0.10%	0.009%
15	3.537	756	761	763	rBV4	2273	1747	0.13%	0.013%
16	3.647	791	795	799	rBV7	2065	2039	0.15%	0.015%
17	3.740	817	824	826	rBV7	1681	1864	0.14%	0.014%
18	3.756	826	829	834	rVB6	2323	1934	0.15%	0.014%
19	3.827	834	851	863	rBV	137207	331354	25.01%	2.406%
20	3.894	864	872	892	rBV	112119	317067	23.94%	2.302%
21	4.222	971	974	977	rVB4	1485	1022	0.08%	0.007%
22	4.373	992	1021	1052	rBV	223570	576648	43.53%	4.187%
23	4.524	1059	1068	1084	rBV2	27216	60709	4.58%	0.441%
24	4.965	1203	1205	1212	rVB7	2023	1930	0.15%	0.014%
25	5.000	1212	1216	1220	rBV6	1834	1812	0.14%	0.013%
26	5.068	1220	1237	1265	rBV2	515467	1324695	100.00%	9.619%
27	5.360	1324	1328	1329	rVV4	2114	1142	0.09%	0.008%
28	5.553	1381	1388	1399	rVV	6831	13597	1.03%	0.099%
29	5.640	1402	1415	1437	rVV	393181	781331	58.98%	5.674%
30	5.756	1443	1451	1454	rBV6	7852	11122	0.84%	0.081%
31	5.804	1455	1466	1481	rVV	92674	193014	14.57%	1.402%
32	6.093	1542	1556	1577	rBV	295998	596938	45.06%	4.335%
33	6.196	1580	1588	1608	rVB2	43857	89288	6.74%	0.648%
34	6.360	1631	1639	1654	rVB2	16766	33713	2.54%	0.245%

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Integrator: RTE
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 Title : VOC Analysis

35	6.627	1713	1722	1736	rVB	94604	161668	12.20%	1.174%
36	6.942	1816	1820	1825	rVB6	1020	1218	0.09%	0.009%
37	7.007	1828	1840	1860	rBV	169803	303208	22.89%	2.202%
38	7.171	1888	1891	1895	rBV6	1483	1236	0.09%	0.009%
39	7.193	1895	1898	1900	rBV5	1297	1057	0.08%	0.008%
40	7.254	1909	1917	1928	rBV5	7413	16536	1.25%	0.120%
41	7.338	1930	1943	1959	rBV	599037	1027234	77.54%	7.459%
42	7.486	1983	1989	1991	rBV6	5149	4656	0.35%	0.034%
43	7.640	2026	2037	2052	rBV2	128280	225507	17.02%	1.638%
44	8.029	2149	2158	2172	rBV2	16448	30654	2.31%	0.223%
45	8.109	2172	2183	2220	rVV	436654	831335	62.76%	6.037%
46	8.277	2226	2235	2239	rBV	7942	13425	1.01%	0.097%
47	8.389	2257	2270	2291	rBV3	84729	259455	19.59%	1.884%
48	8.666	2354	2356	2360	rBV4	1988	1075	0.08%	0.008%
49	8.733	2372	2377	2389	rVB5	12015	20213	1.53%	0.147%
50	8.875	2410	2421	2443	rVB	606127	985760	74.41%	7.158%
51	9.492	2607	2613	2619	rBV9	5371	8238	0.62%	0.060%
52	9.617	2649	2652	2653	rBV3	3677	1956	0.15%	0.014%
53	9.727	2681	2686	2697	rVB2	15499	23430	1.77%	0.170%
54	9.952	2746	2756	2770	rBV	43998	70129	5.29%	0.509%
55	10.039	2774	2783	2799	rVB2	52183	84848	6.41%	0.616%
56	10.238	2833	2845	2861	rBV	433769	687514	51.90%	4.992%
57	10.376	2883	2888	2889	rBV3	3078	2343	0.18%	0.017%
58	10.518	2928	2932	2933	rBV4	1646	1138	0.09%	0.008%
59	10.611	2952	2961	2965	rBV9	4648	6886	0.52%	0.050%
60	10.875	3039	3043	3047	rBV6	3088	3728	0.28%	0.027%
61	10.961	3062	3070	3078	rBV10	7243	11214	0.85%	0.081%
62	11.068	3095	3103	3114	rBV	9101	15230	1.15%	0.111%
63	11.154	3121	3130	3132	rBV8	3626	4991	0.38%	0.036%
64	11.273	3155	3167	3185	rBV	665717	1035411	78.16%	7.519%
65	11.498	3230	3237	3247	rBV2	17701	28369	2.14%	0.206%
66	11.646	3269	3283	3305	rBV	701685	1109156	83.73%	8.054%
67	11.768	3318	3321	3324	rBV4	2399	2096	0.16%	0.015%
68	12.084	3416	3419	3422	rVB4	1461	1032	0.08%	0.007%
69	12.257	3463	3473	3483	rBV5	11913	19879	1.50%	0.144%
70	12.399	3510	3517	3527	rVB4	9063	13128	0.99%	0.095%
71	12.958	3689	3691	3695	rVB5	2217	1163	0.09%	0.008%

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72	13.051	3717	3720	3722	rBV4	1769	1083	0.08%	0.008%
73	13.183	3757	3761	3764	rBV5	1737	1552	0.12%	0.011%
74	13.241	3776	3779	3782	rBV4	2319	1552	0.12%	0.011%
75	13.293	3789	3795	3797	rBV6	2075	1969	0.15%	0.014%
76	13.331	3802	3807	3808	rBV4	1636	1413	0.11%	0.010%
77	13.402	3826	3829	3832	rBV4	1482	1079	0.08%	0.008%
78	13.473	3849	3851	3854	rVB5	2122	1112	0.08%	0.008%
79	13.633	3898	3901	3903	rBV3	1591	1041	0.08%	0.008%
80	13.656	3906	3908	3913	rVB6	1857	1370	0.10%	0.010%
81	13.813	3954	3957	3961	rVV6	1508	1294	0.10%	0.009%
82	13.833	3961	3963	3968	rVB5	1628	1371	0.10%	0.010%
83	13.913	3986	3988	3991	rVB5	2206	1130	0.09%	0.008%
84	13.952	3998	4000	4003	rBV3	1667	1221	0.09%	0.009%
85	14.006	4015	4017	4021	rVV5	1225	1062	0.08%	0.008%
86	14.093	4039	4044	4051	rBV8	1578	2096	0.16%	0.015%
87	14.154	4059	4063	4069	rBV9	1534	1905	0.14%	0.014%
88	14.270	4095	4099	4104	rBV6	2262	2222	0.17%	0.016%
89	14.428	4141	4148	4149	rBV5	1982	2060	0.16%	0.015%
90	14.547	4183	4185	4188	rBV3	1469	1078	0.08%	0.008%
91	14.569	4189	4192	4194	rVB3	2356	1514	0.11%	0.011%
92	14.691	4228	4230	4233	rBV3	1661	1158	0.09%	0.008%
93	15.373	4440	4442	4446	rBV5	1218	1060	0.08%	0.008%
94	15.476	4472	4474	4477	rBV3	1334	1075	0.08%	0.008%
95	15.540	4491	4494	4497	rVB4	1637	1241	0.09%	0.009%
96	15.572	4501	4504	4507	rVB4	1748	1160	0.09%	0.008%
97	15.704	4542	4545	4546	rBV3	2263	1292	0.10%	0.009%
98	16.080	4656	4662	4664	rBV7	1566	1934	0.15%	0.014%
99	16.225	4705	4707	4709	rBV3	2080	1115	0.08%	0.008%
100	17.109	4979	4982	4984	rBV3	3232	2118	0.16%	0.015%

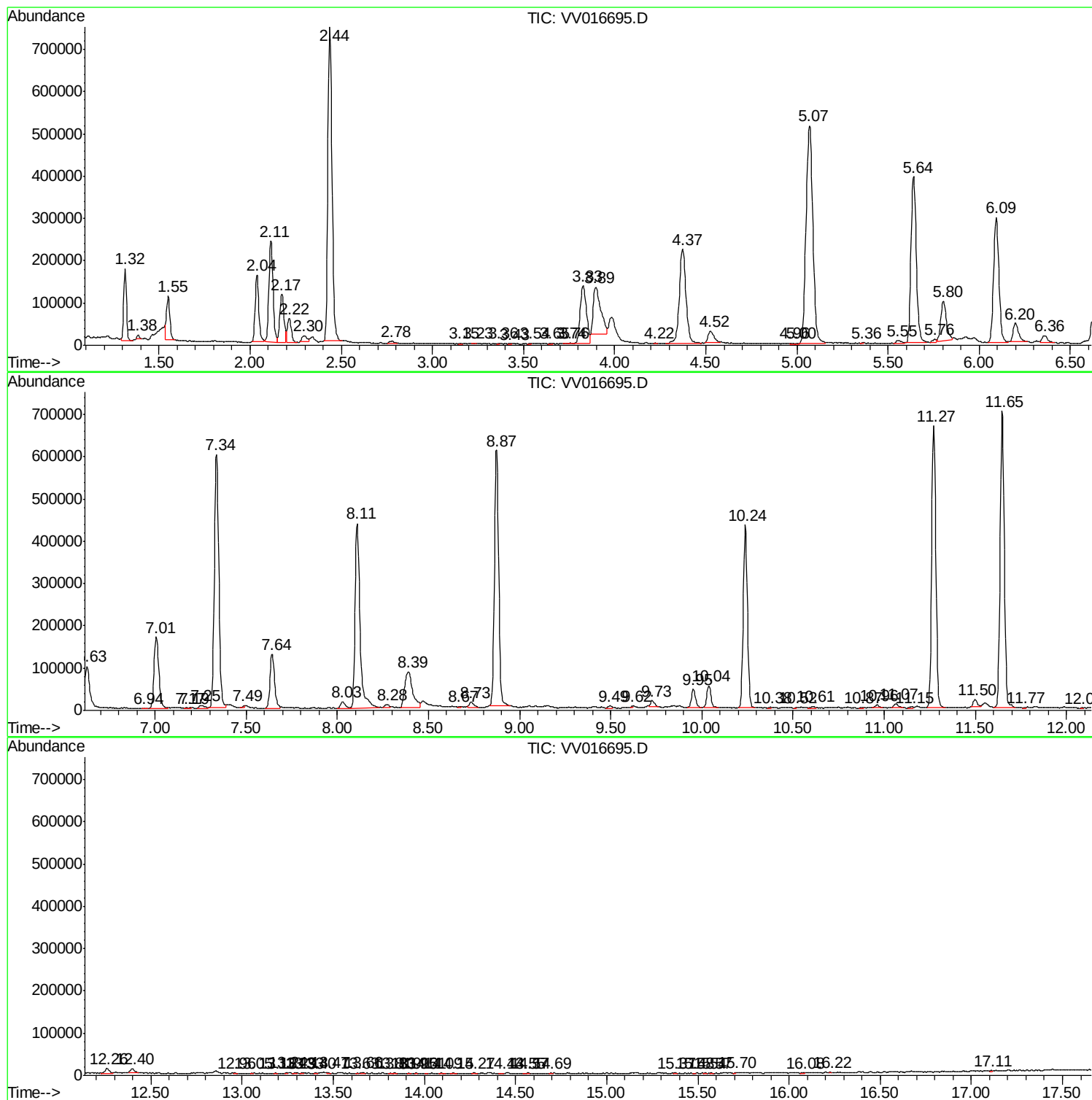
Sum of corrected areas: 13770987

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Instrument :
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ETTS9

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV060820\
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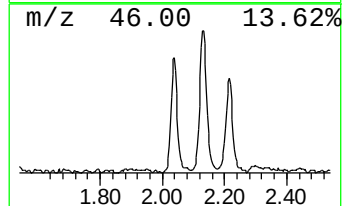
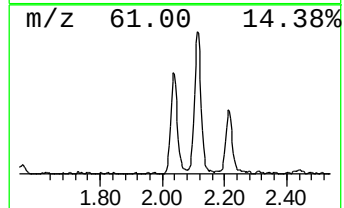
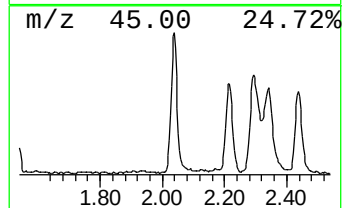
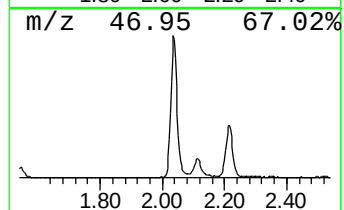
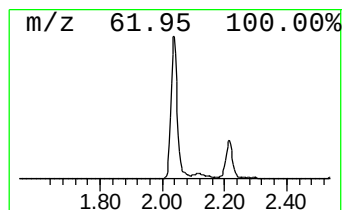
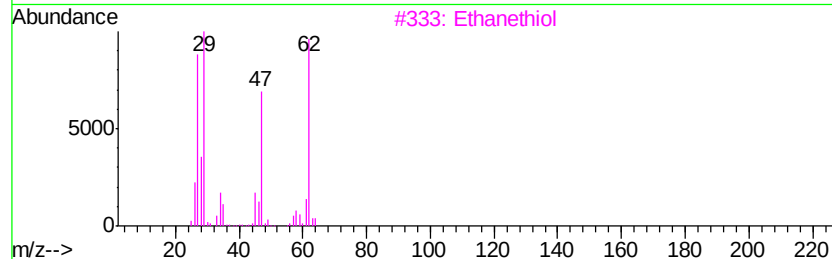
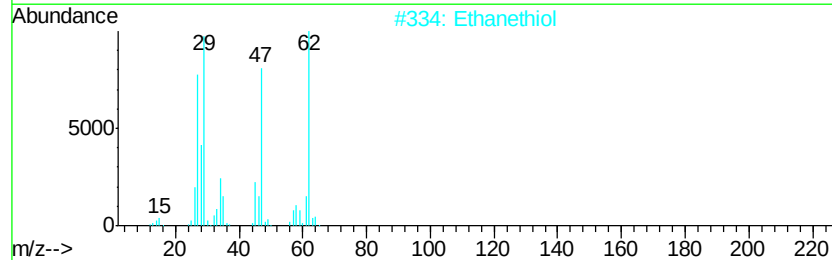
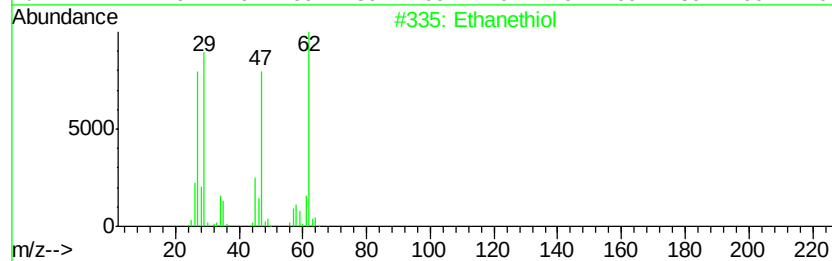
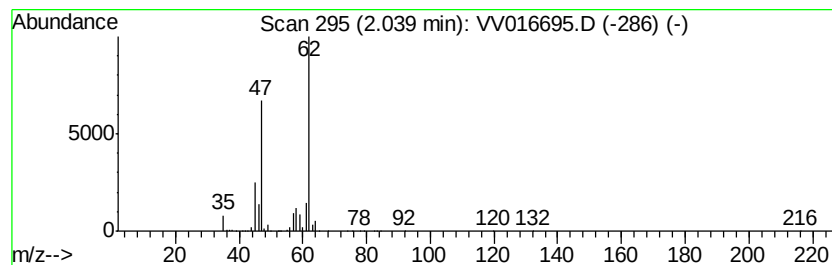
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis

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

Peak Number 1 Ethanethiol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.04	14.11 ug/L	220553	1,4-Difluorobenzene	5.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanethiol	62	C2H6S	000075-08-1	91
2		Ethanethiol	62	C2H6S	000075-08-1	91
3		Ethanethiol	62	C2H6S	000075-08-1	91
4		Ethanethiol	62	C2H6S	000075-08-1	91
5		Ethanethiol	62	C2H6S	000075-08-1	91



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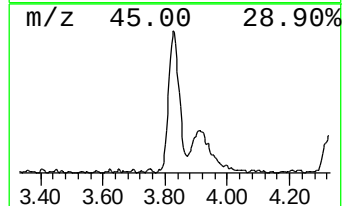
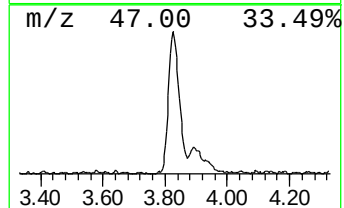
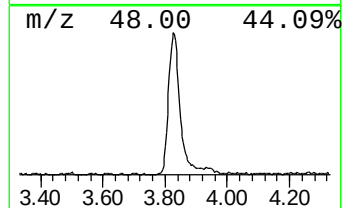
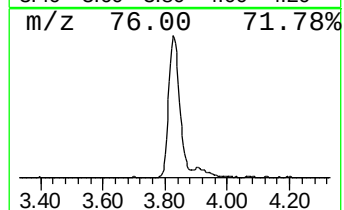
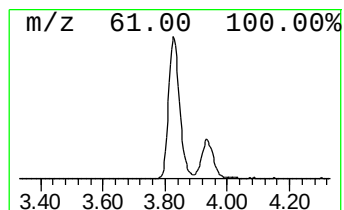
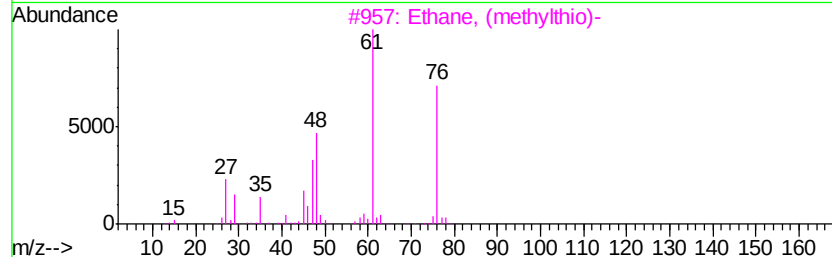
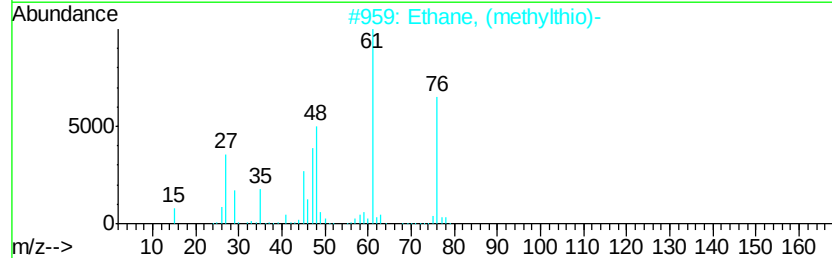
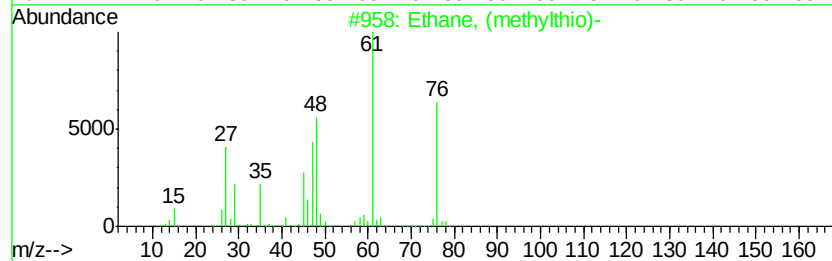
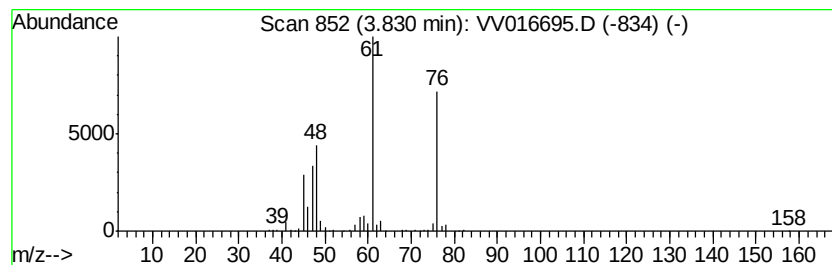
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis

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

Peak Number 2 Ethane, (methylthio)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.83	21.20 ug/L	331354	1,4-Difluorobenzene	5.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethane, (methylthio)-	76	C3H8S	000624-89-5	95
2		Ethane, (methylthio)-	76	C3H8S	000624-89-5	95
3		Ethane, (methylthio)-	76	C3H8S	000624-89-5	91
4		1-Butanethiol, 4-(methylthio)-	136	C5H12S2	066890-94-6	47
5		Propane, 1-(methylthio)-	90	C4H10S	003877-15-4	45



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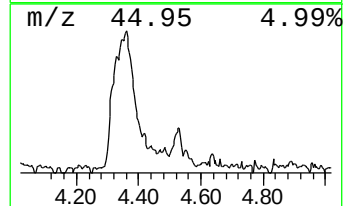
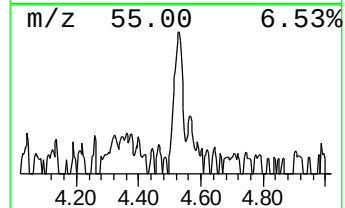
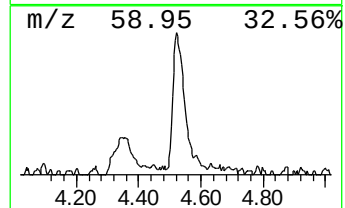
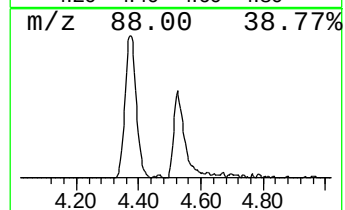
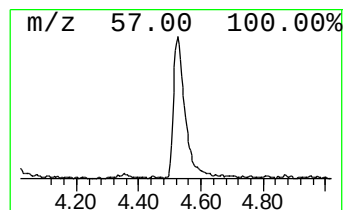
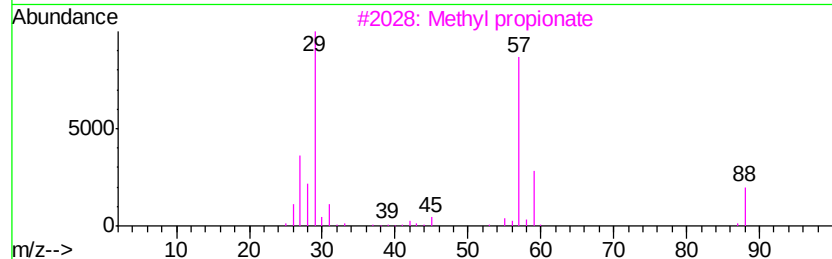
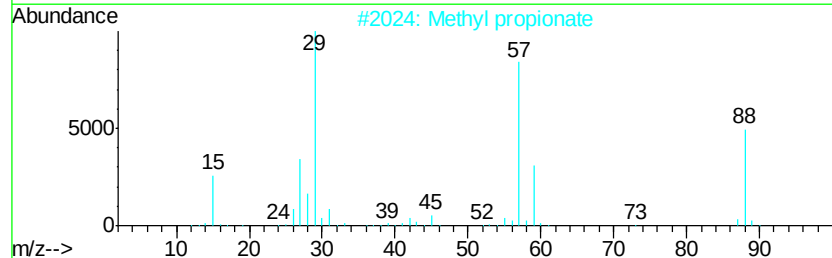
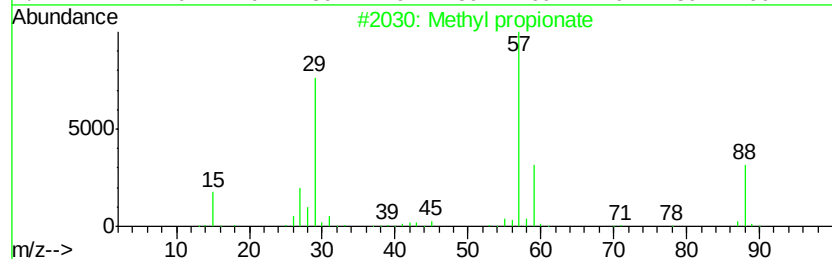
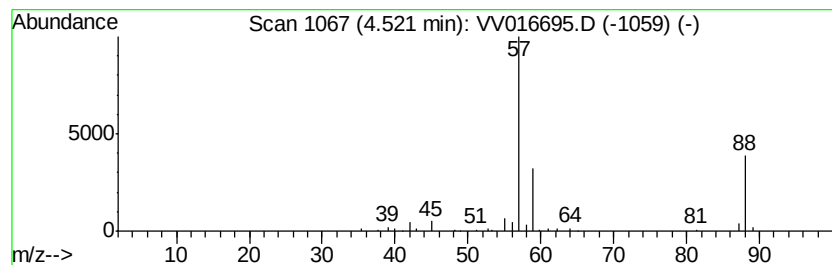
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Quant Title : VOC Analysis

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

Peak Number 3 Methyl propionate Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.52	3.88 ug/L	60709	1,4-Difluorobenzene	5.64

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methyl propionate	88	C4H8O2	000554-12-1	80
2			Methyl propionate	88	C4H8O2	000554-12-1	80
3			Methyl propionate	88	C4H8O2	000554-12-1	72
4			Methyl propionate	88	C4H8O2	000554-12-1	72
5			3-Furanol, tetrahydro-	88	C4H8O2	000453-20-3	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV060820\
Data File : VV016695.D
Acq On : 09 Jun 2020 05:41
Operator : SY/MD
Sample : L2901-06
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 52 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ETTS9

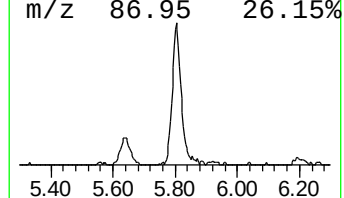
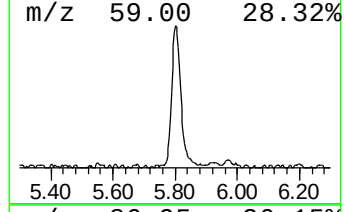
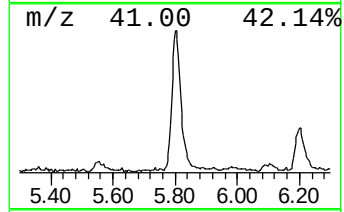
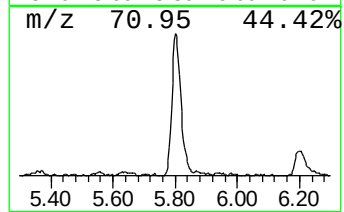
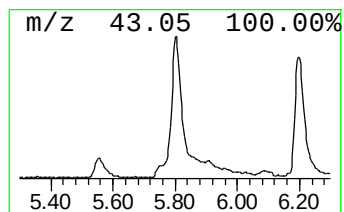
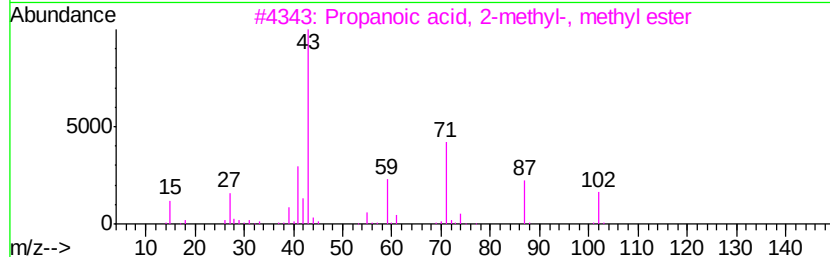
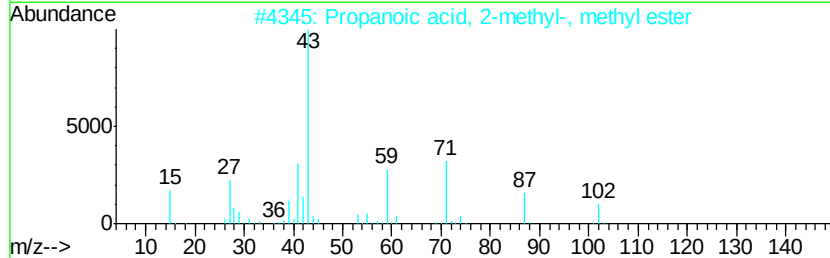
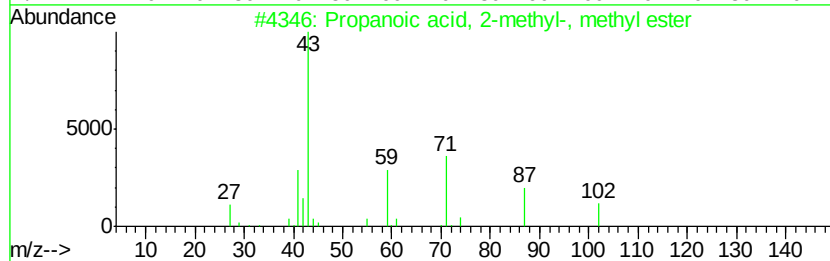
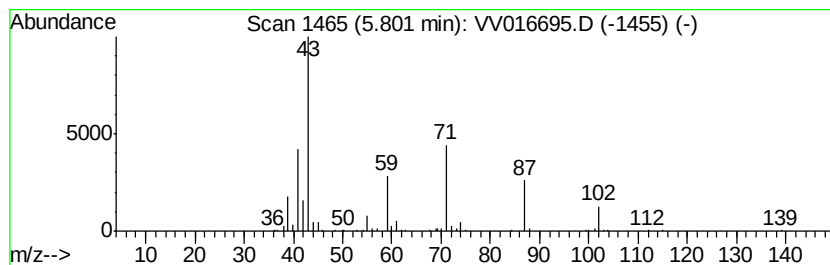
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Quant Title : VOC Analysis

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

Peak Number 4 Propanoic acid, 2-methyl-, ... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.80	12.35 ug/L	193014	1,4-Difluorobenzene	5.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propanoic acid, 2-methyl-, methyl...	102	C5H10O2	000547-63-7	91
2		Propanoic acid, 2-methyl-, methyl...	102	C5H10O2	000547-63-7	83
3		Propanoic acid, 2-methyl-, methyl...	102	C5H10O2	000547-63-7	72
4		Propanoic acid, 2-methyl-, methyl...	102	C5H10O2	000547-63-7	58
5		Butyric acid hydrazide	102	C4H10N2O	003538-65-6	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV060820\
Data File : VV016695.D
Acq On : 09 Jun 2020 05:41
Operator : SY/MD
Sample : L2901-06
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 52 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ETTS9

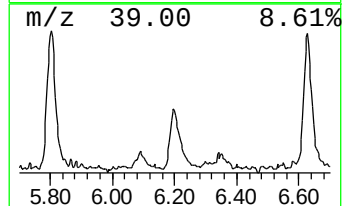
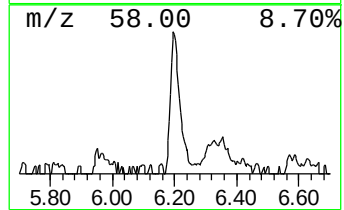
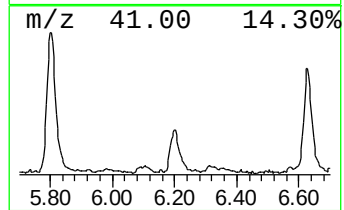
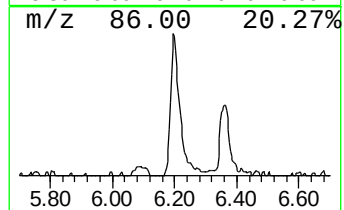
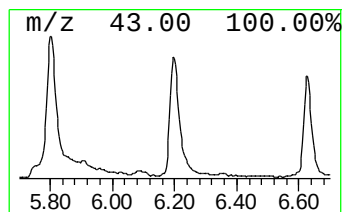
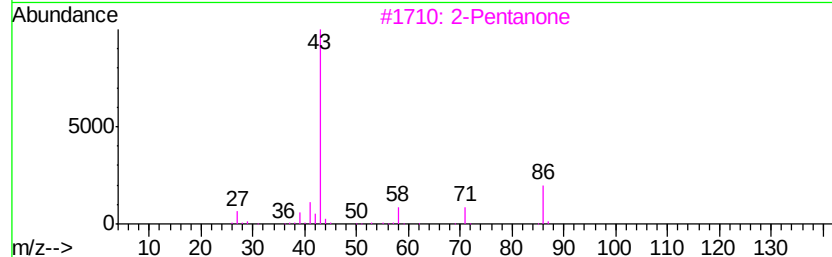
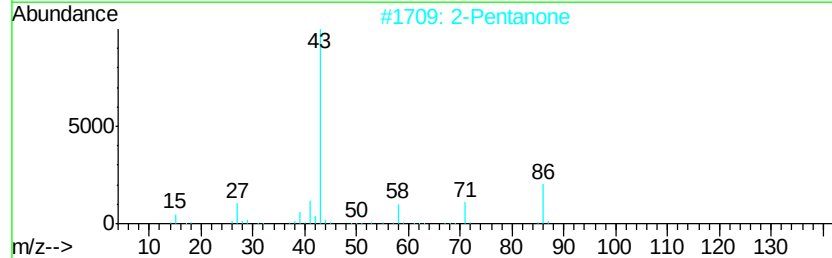
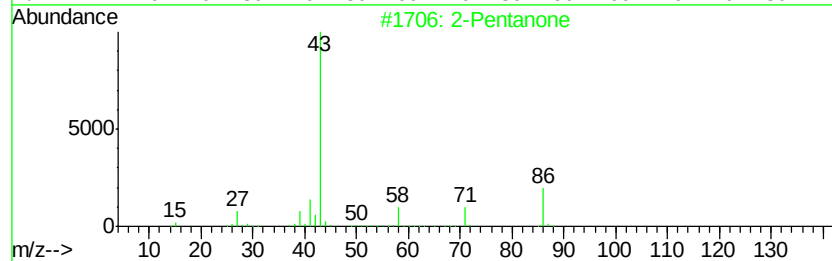
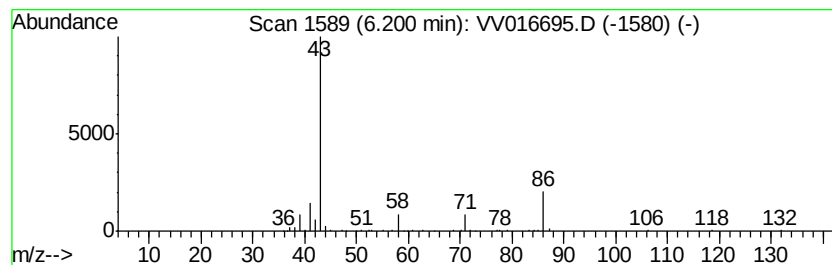
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Quant Title : VOC Analysis

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

Peak Number 5 2-Pentanone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.20	5.71 ug/L	89288	1,4-Difluorobenzene	5.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone	86	C5H10O	000107-87-9	80
2		2-Pentanone	86	C5H10O	000107-87-9	80
3		2-Pentanone	86	C5H10O	000107-87-9	80
4		2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	59
5		2,3-Butanedione	86	C4H6O2	000431-03-8	58



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV060820\
Data File : VV016695.D
Acq On : 09 Jun 2020 05:41
Operator : SY/MD
Sample : L2901-06
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 52 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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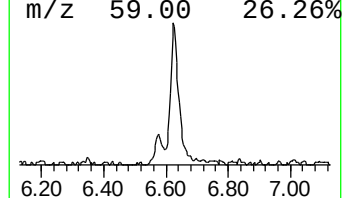
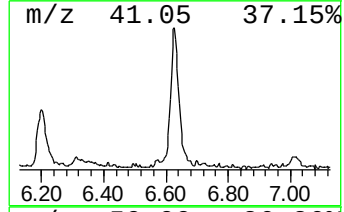
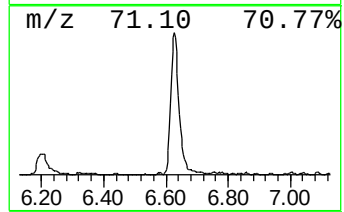
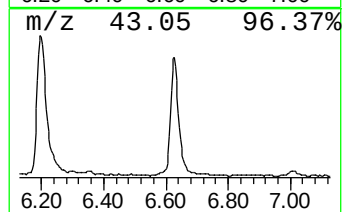
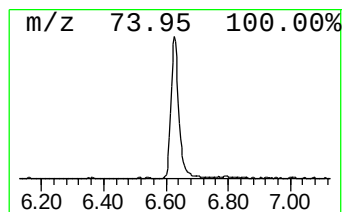
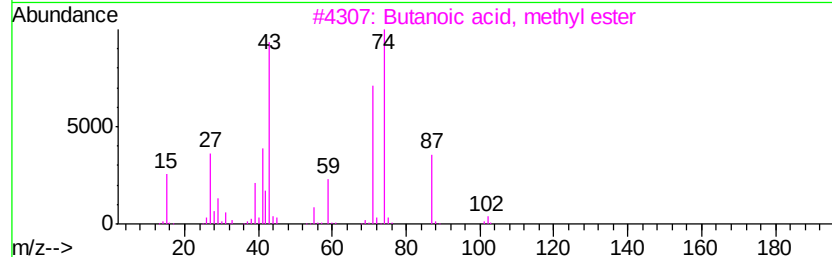
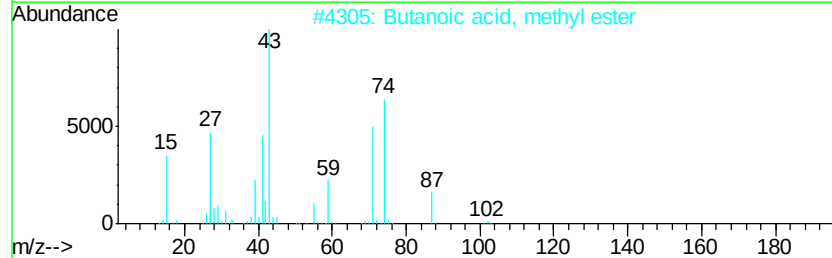
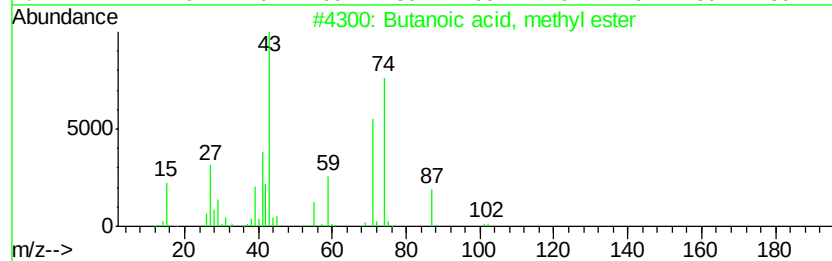
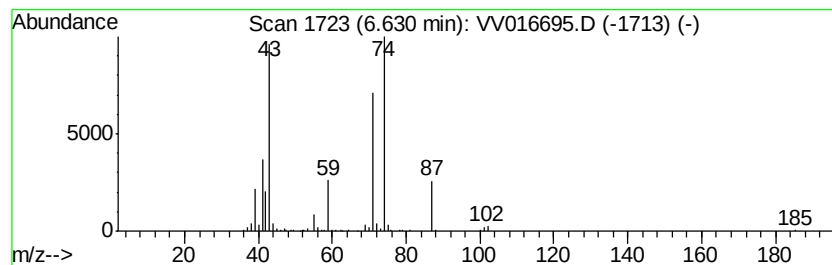
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Quant Title : VOC Analysis

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

Peak Number 6 Butanoic acid, methyl ester Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	10.35 ug/L	161668	1,4-Difluorobenzene	5.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butanoic acid, methyl ester	102	C5H10O2	000623-42-7	91
2		Butanoic acid, methyl ester	102	C5H10O2	000623-42-7	87
3		Butanoic acid, methyl ester	102	C5H10O2	000623-42-7	50
4		Propanoic acid, 2-methyl-, methy...	102	C5H10O2	000547-63-7	37
5		Tetramethylammonium hexafluoroph...	219	C4H12F6NP	000558-32-7	37



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV060820\
Data File : VV016695.D
Acq On : 09 Jun 2020 05:41
Operator : SY/MD
Sample : L2901-06
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 52 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ETTS9

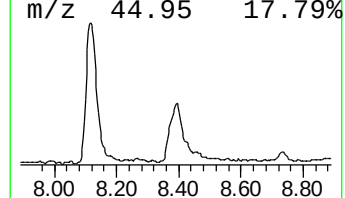
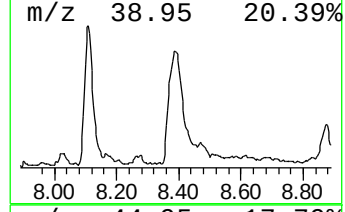
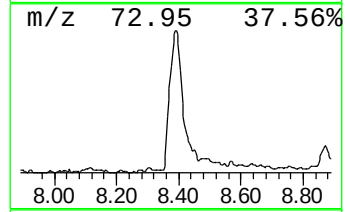
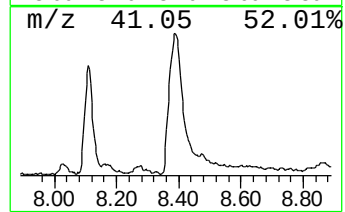
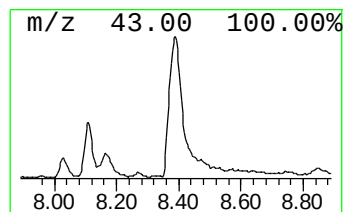
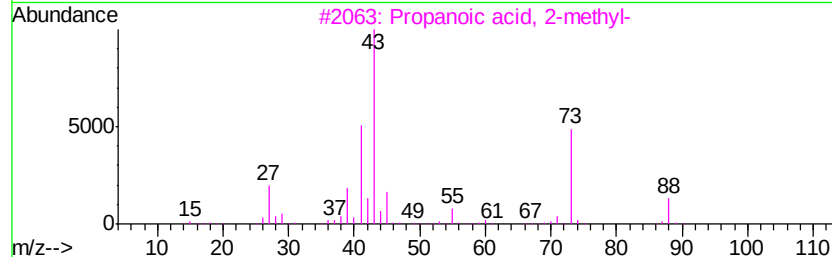
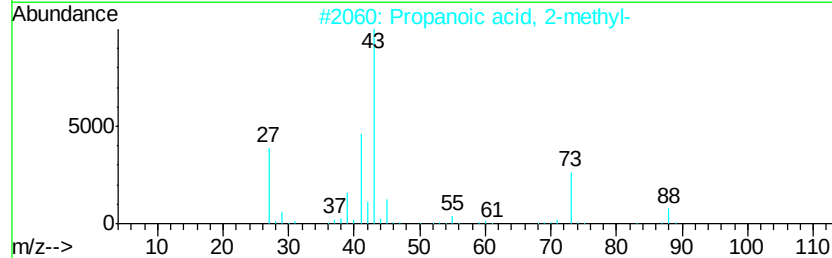
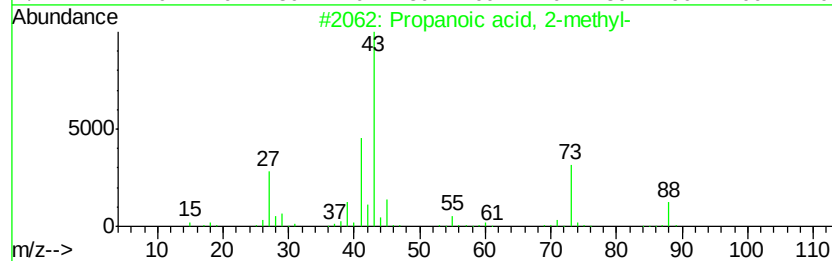
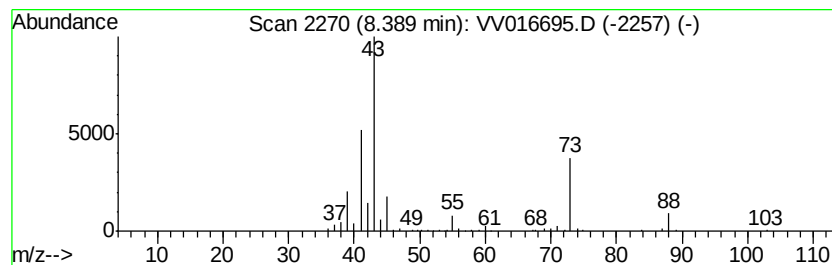
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Quant Title : VOC Analysis

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

Peak Number 8 Propanoic acid, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.39	13.16 ug/L	259455	Chlorobenzene-d5	8.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propanoic acid, 2-methyl-	88	C4H8O2	000079-31-2	91
2		Propanoic acid, 2-methyl-	88	C4H8O2	000079-31-2	90
3		Propanoic acid, 2-methyl-	88	C4H8O2	000079-31-2	90
4		Propanoic acid, 2-methyl-	88	C4H8O2	000079-31-2	70
5		Propanoic acid, 2-methyl-	88	C4H8O2	000079-31-2	58



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV060820\
Data File : VV016695.D
Acq On : 09 Jun 2020 05:41
Operator : SY/MD
Sample : L2901-06
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 52 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ETTS9

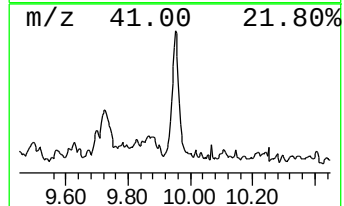
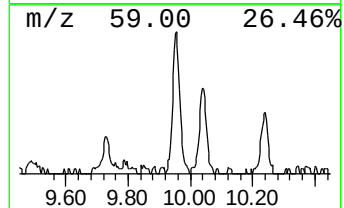
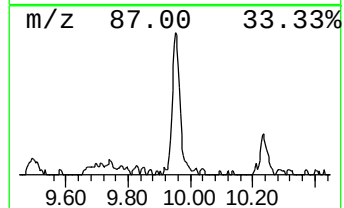
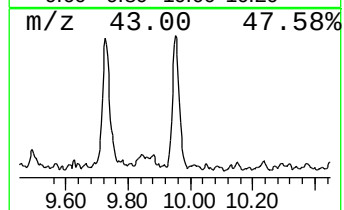
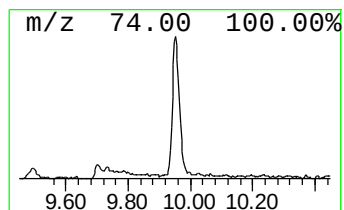
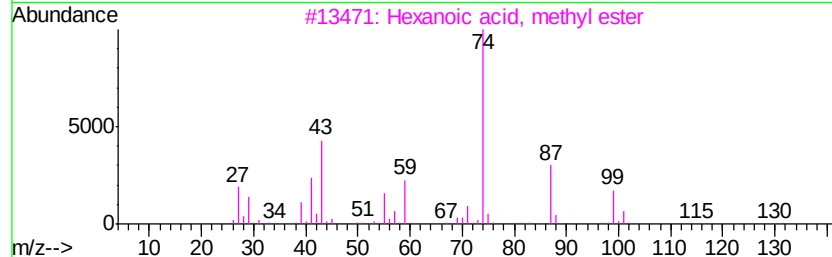
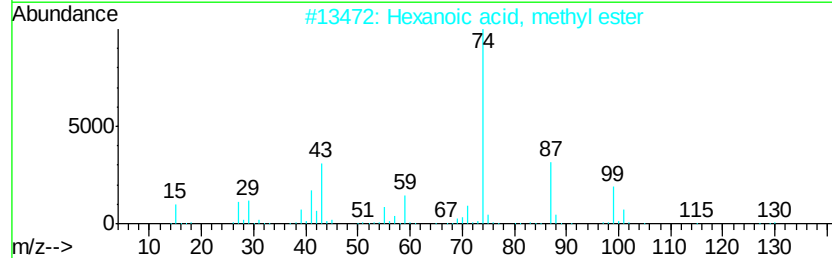
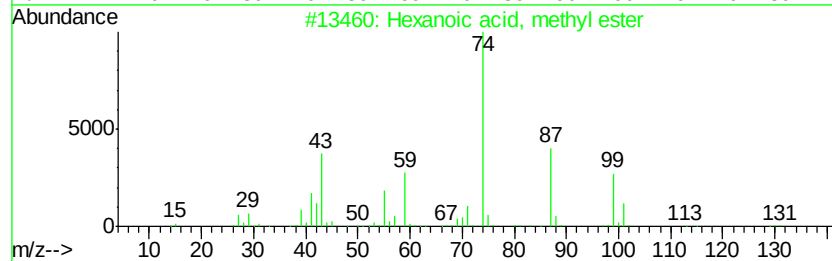
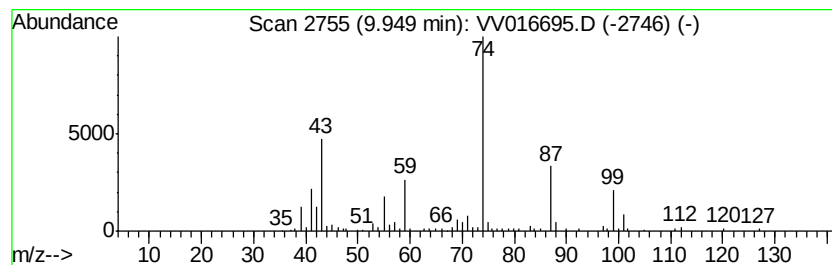
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Quant Title : VOC Analysis

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

Peak Number 9 Hexanoic acid, methyl ester Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.95	3.56 ug/L	70129	Chlorobenzene-d5	8.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexanoic acid, methyl ester	130	C7H14O2	000106-70-7	86
2			Hexanoic acid, methyl ester	130	C7H14O2	000106-70-7	64
3			Hexanoic acid, methyl ester	130	C7H14O2	000106-70-7	64
4			Methyl valerate	116	C6H12O2	000624-24-8	59
5			Pentanoic acid, 4-methyl-, methyl...	130	C7H14O2	002412-80-8	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV060820\
Data File : VV016695.D
Acq On : 09 Jun 2020 05:41
Operator : SY/MD
Sample : L2901-06
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 52 Sample Multiplier: 1

Instrument :
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ClientSampleId :
ETTS9

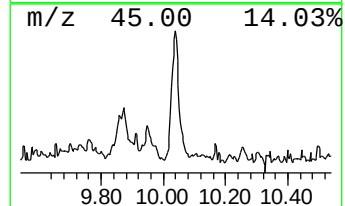
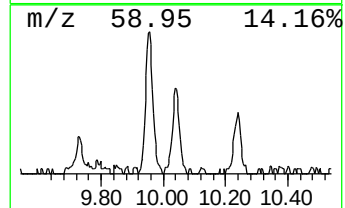
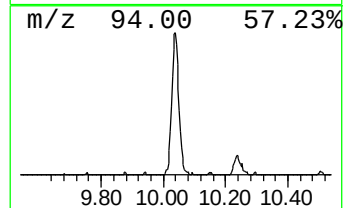
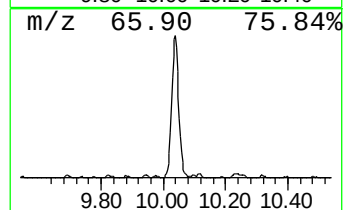
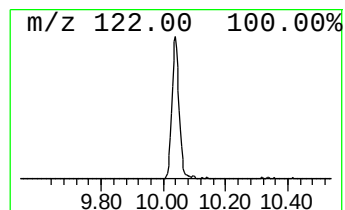
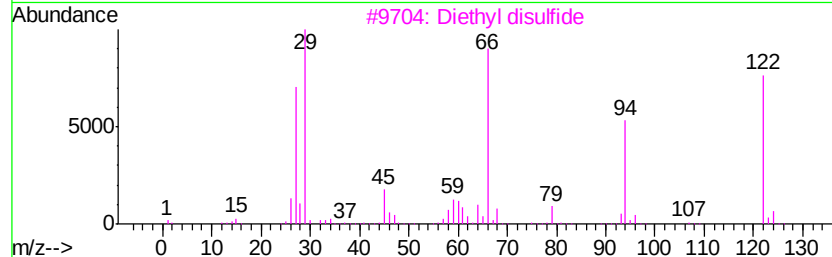
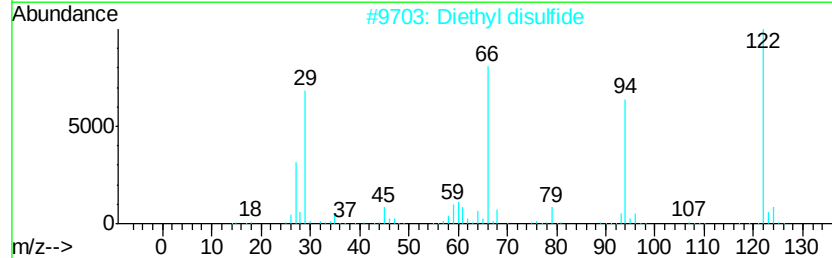
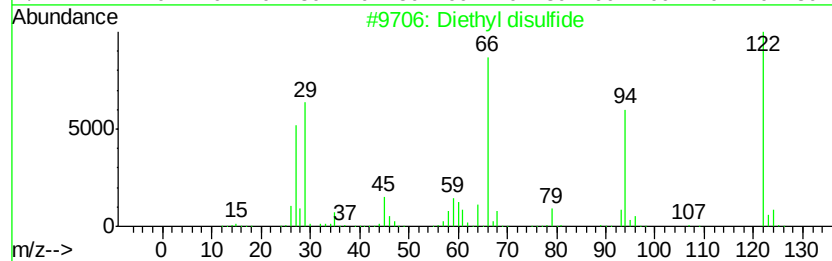
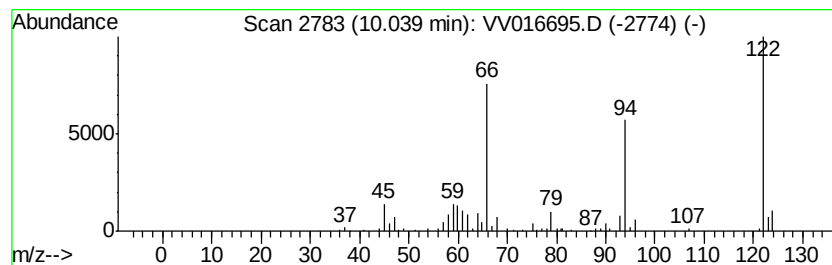
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Quant Title : VOC Analysis

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

Peak Number 10 Diethyl disulfide Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.04	4.30 ug/L	84848	Chlorobenzene-d5	8.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Diethyl disulfide	122	C4H10S2	000110-81-6	95
2		Diethyl disulfide	122	C4H10S2	000110-81-6	94
3		Diethyl disulfide	122	C4H10S2	000110-81-6	91
4		6-exo-Methyl-5-endo-norbornenol	124	C8H12O	041414-52-2	50
5		Diethyl sulfone	122	C4H10O2S	000597-35-3	45



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060820\
Data File : VV016695.D
Acq On : 09 Jun 2020 05:41
Operator : SY/MD
Sample : L2901-06
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 52 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ETTS9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.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
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Ethane, (methylth...	3.83	21.2	ug/L	331354	1	5.64	781331	50.0
Methyl propionate	4.52	3.9	ug/L	60709	1	5.64	781331	50.0
Propanoic acid, 2...	5.80	12.4	ug/L	193014	1	5.64	781331	50.0
2-Pentanone	6.20	5.7	ug/L	89288	1	5.64	781331	50.0
Butanoic acid, me...	6.63	10.4	ug/L	161668	1	5.64	781331	50.0
Propanoic acid, 2...	8.39	13.2	ug/L	259455	2	8.87	985760	50.0
Hexanoic acid, me...	9.95	3.6	ug/L	70129	2	8.87	985760	50.0
Diethyl disulfide	10.04	4.3	ug/L	84848	2	8.87	985760	50.0