

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072418\
 Data File : VU025622.D
 Acq On : 24 Jul 2018 13:44
 Operator : MD/SY
 Sample : VLEB03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VLEB03

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_U\METHOD\SOMULM072018WMA.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	0.654	13	20	21	rBV2	375	267	0.03%	0.002%
2	0.728	39	43	48	rVV2	273	209	0.02%	0.002%
3	0.751	48	50	53	rVB2	293	125	0.01%	0.001%
4	0.773	54	57	59	rBV	242	160	0.02%	0.001%
5	0.834	69	76	79	rBV3	282	275	0.03%	0.002%
6	0.870	83	87	88	rBV2	152	84	0.01%	0.001%
7	0.908	95	99	104	rBV2	277	275	0.03%	0.002%
8	0.928	104	105	110	rVB2	202	171	0.02%	0.001%
9	0.950	110	112	114	rBV	154	58	0.01%	0.000%
10	0.963	114	116	118	rBV	94	55	0.01%	0.000%
11	1.088	133	155	181	rBV	828082	911433	86.57%	7.556%
12	1.403	246	253	264	rVB	130734	136042	12.92%	1.128%
13	1.683	333	340	354	rVB	101622	126076	11.98%	1.045%
14	2.275	515	524	533	rBV	223947	331570	31.49%	2.749%
15	2.622	624	632	641	rVB3	3053	5196	0.49%	0.043%
16	2.706	647	658	669	rBV2	10883	19363	1.84%	0.161%
17	2.815	689	692	694	rBV	539	323	0.03%	0.003%
18	3.345	855	857	860	rBV2	230	159	0.02%	0.001%
19	3.362	860	862	866	rVV2	493	242	0.02%	0.002%
20	3.391	868	871	872	rVV2	222	120	0.01%	0.001%
21	3.400	872	874	876	rVV2	537	242	0.02%	0.002%
22	3.413	876	878	886	rVV2	389	389	0.04%	0.003%
23	3.458	889	892	894	rBV2	266	157	0.01%	0.001%
24	3.545	917	919	920	rBV	140	42	0.00%	0.000%
25	3.590	928	933	938	rBV3	305	323	0.03%	0.003%
26	3.612	938	940	941	rBV	165	91	0.01%	0.001%
27	3.686	961	963	965	rBV2	114	57	0.01%	0.000%
28	3.744	976	981	983	rBV3	304	287	0.03%	0.002%
29	3.783	990	993	997	rBV2	381	289	0.03%	0.002%
30	3.876	1017	1022	1025	rBV2	353	281	0.03%	0.002%
31	3.892	1025	1027	1028	rVB2	174	45	0.00%	0.000%
32	3.911	1028	1033	1038	rBV3	247	326	0.03%	0.003%
33	3.956	1044	1047	1055	rVB2	319	389	0.04%	0.003%
34	4.037	1069	1072	1075	rBV3	280	207	0.02%	0.002%

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 Title : VOC Analysis

35	4.085	1084	1087	1092	rBV4	323	324	0.03%	0.003%
36	4.178	1101	1116	1138	rBV	91648	235833	22.40%	1.955%
37	4.484	1208	1211	1214	rBV	349	244	0.02%	0.002%
38	4.545	1227	1230	1232	rBV2	242	152	0.01%	0.001%
39	4.580	1239	1241	1243	rVB	114	47	0.00%	0.000%
40	4.654	1243	1264	1284	rBV2	182588	428043	40.66%	3.548%
41	4.853	1324	1326	1329	rVB2	224	119	0.01%	0.001%
42	4.876	1329	1333	1334	rBV2	703	458	0.04%	0.004%
43	4.953	1354	1357	1359	rBV2	282	189	0.02%	0.002%
44	5.066	1388	1392	1397	rBV2	337	374	0.04%	0.003%
45	5.143	1412	1416	1420	rBV2	316	234	0.02%	0.002%
46	5.181	1425	1428	1431	rVV	323	180	0.02%	0.001%
47	5.223	1435	1441	1442	rBV2	156	155	0.01%	0.001%
48	5.345	1452	1479	1501	rBV2	358680	1052778	100.00%	8.727%
49	5.551	1528	1543	1561	rBV2	90923	189444	17.99%	1.570%
50	5.706	1588	1591	1592	rBV2	442	185	0.02%	0.002%
51	5.779	1610	1614	1617	rBV	574	514	0.05%	0.004%
52	5.831	1628	1630	1633	rBV2	149	80	0.01%	0.001%
53	5.892	1633	1649	1667	rBV	366030	710191	67.46%	5.887%
54	6.336	1773	1787	1808	rBV	241617	473823	45.01%	3.928%
55	6.657	1884	1887	1888	rBV	348	214	0.02%	0.002%
56	6.709	1891	1903	1919	rVV	133596	237072	22.52%	1.965%
57	7.078	2011	2018	2019	rBV2	265	305	0.03%	0.003%
58	7.172	2045	2047	2048	rBV2	187	91	0.01%	0.001%
59	7.230	2052	2065	2084	rBV	144143	253752	24.10%	2.104%
60	7.426	2117	2126	2134	rBV2	5450	8826	0.84%	0.073%
61	7.570	2157	2171	2188	rBV	502504	865276	82.19%	7.173%
62	7.853	2247	2259	2284	rBV	105096	177680	16.88%	1.473%
63	8.059	2321	2323	2328	rBV3	308	208	0.02%	0.002%
64	8.168	2346	2357	2358	rBV3	5172	6978	0.66%	0.058%
65	8.313	2393	2402	2425	rVB	299372	500298	47.52%	4.147%
66	8.419	2426	2435	2449	rVB	63903	100425	9.54%	0.833%
67	8.529	2462	2469	2483	rVB3	18426	30340	2.88%	0.252%
68	8.812	2554	2557	2560	rBV2	514	347	0.03%	0.003%
69	8.908	2575	2587	2603	rBV	71368	113505	10.78%	0.941%
70	9.091	2631	2644	2671	rVB	519636	859064	81.60%	7.122%
71	9.252	2689	2694	2707	rVB2	3949	6159	0.59%	0.051%

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 Title : VOC Analysis

72	9.313	2707	2713	2718	rBV3	397	565	0.05%	0.005%
73	9.657	2818	2820	2821	rBV3	213	84	0.01%	0.001%
74	9.738	2843	2845	2846	rBV3	243	99	0.01%	0.001%
75	9.779	2850	2858	2866	rVB8	2070	3638	0.35%	0.030%
76	10.168	2969	2979	2991	rVB4	5962	10202	0.97%	0.085%
77	10.281	3010	3014	3019	rBV3	268	304	0.03%	0.003%
78	10.435	3050	3062	3082	rBV	338549	533573	50.68%	4.423%
79	10.586	3105	3109	3110	rBV3	2087	1307	0.12%	0.011%
80	10.776	3156	3168	3179	rBV2	10911	15750	1.50%	0.131%
81	10.975	3221	3230	3238	rBV2	9614	13768	1.31%	0.114%
82	11.152	3275	3285	3298	rVB	28580	42987	4.08%	0.356%
83	11.213	3301	3304	3308	rBV2	343	270	0.03%	0.002%
84	11.419	3356	3368	3369	rBV4	2147	3079	0.29%	0.026%
85	11.487	3377	3389	3406	rBV	593566	914783	86.89%	7.583%
86	11.573	3407	3416	3428	rVB2	32859	48545	4.61%	0.402%
87	11.770	3467	3477	3489	rBV2	32765	55570	5.28%	0.461%
88	11.863	3494	3506	3528	rVB	556416	881753	83.75%	7.310%
89	11.985	3536	3544	3553	rVB	14759	21704	2.06%	0.180%
90	12.056	3562	3566	3571	rBV5	1662	1644	0.16%	0.014%
91	12.255	3619	3628	3635	rBV	12008	18354	1.74%	0.152%
92	12.358	3649	3660	3681	rBV	52660	89667	8.52%	0.743%
93	12.654	3743	3752	3759	rBV2	8623	12329	1.17%	0.102%
94	12.705	3760	3768	3785	rVB3	18645	31951	3.03%	0.265%
95	12.966	3841	3849	3858	rBV2	25395	38336	3.64%	0.318%
96	13.126	3889	3899	3911	rBV3	83883	131121	12.45%	1.087%
97	13.294	3942	3951	3968	rVB5	21572	36537	3.47%	0.303%
98	13.744	4078	4091	4113	rBV	599277	985615	93.62%	8.171%
99	14.879	4435	4444	4456	rBV	87142	139522	13.25%	1.157%
100	15.065	4492	4502	4515	rBV	145772	240648	22.86%	1.995%

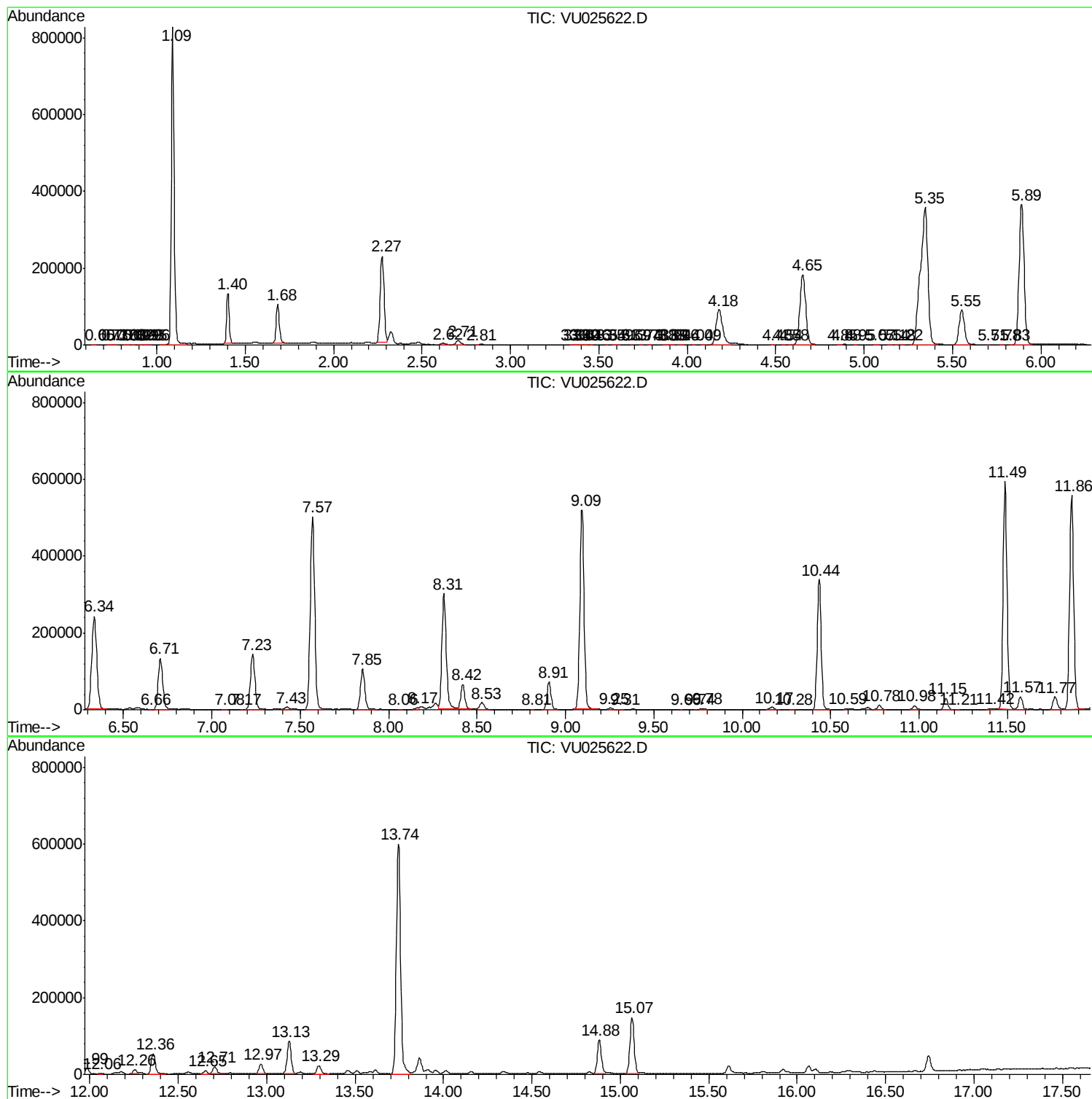
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Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
Quant Title : VOC Analysis

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



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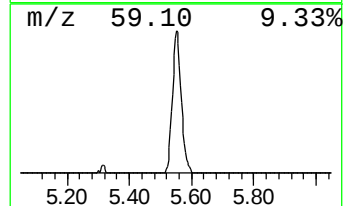
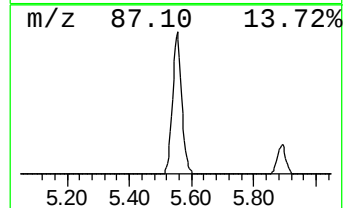
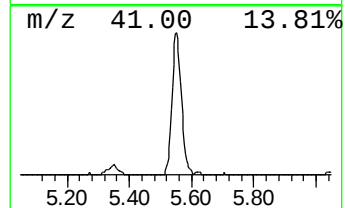
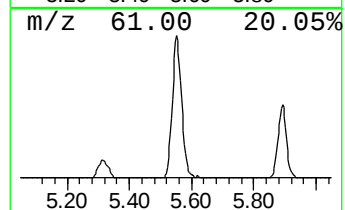
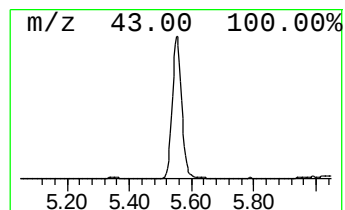
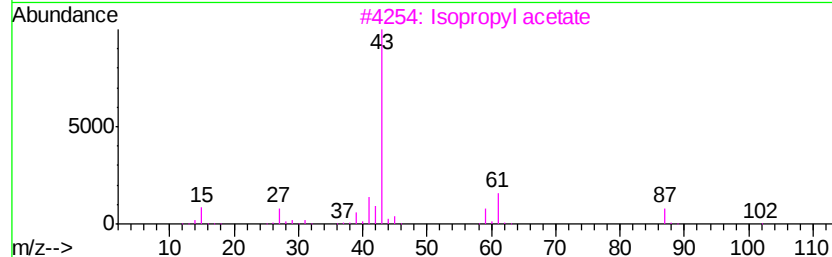
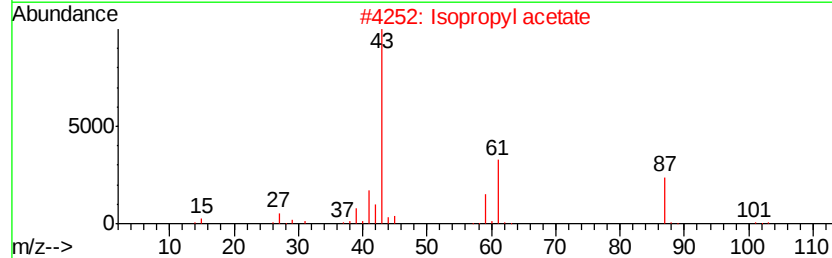
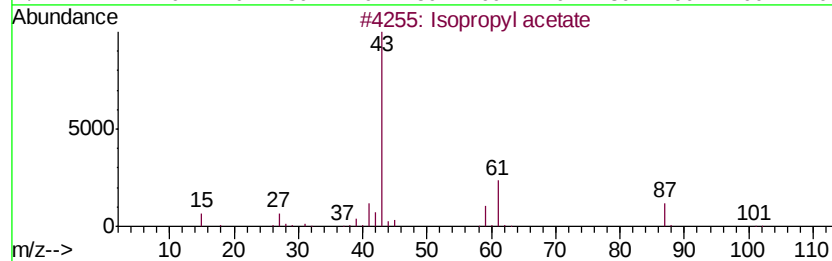
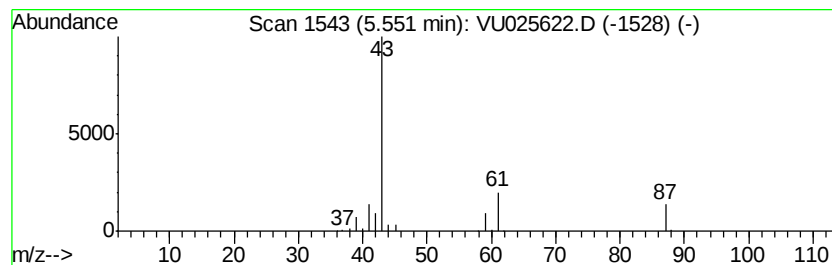
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
Quant Title : VOC Analysis

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

Peak Number 2 Isopropyl acetate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.55	13.34 ug/L	189444	1,4-Difluorobenzene	5.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Isopropyl acetate	102	C5H10O2	000108-21-4	83
2		Isopropyl acetate	102	C5H10O2	000108-21-4	78
3		Isopropyl acetate	102	C5H10O2	000108-21-4	64
4		Propane, 1-(1-methylethoxy)-	102	C6H14O	000627-08-7	23
5		Acetaldehyde, O-ethyloxime-	87	C4H9NO	1000288-34-6	9



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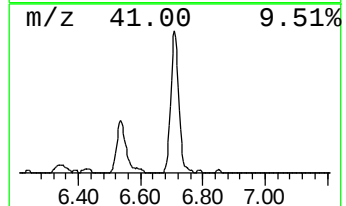
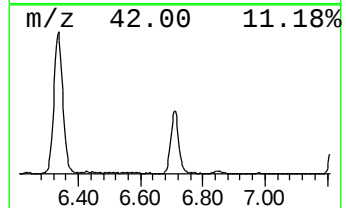
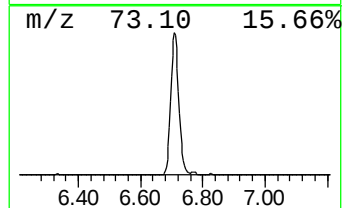
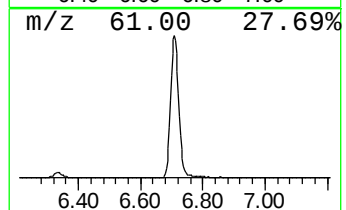
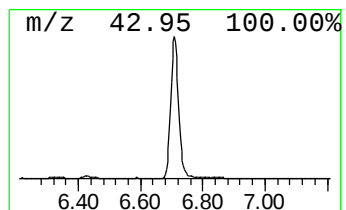
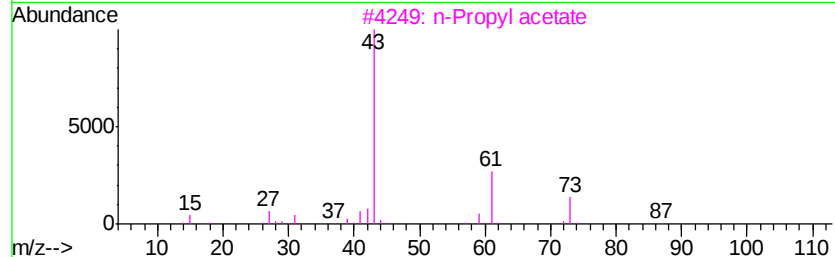
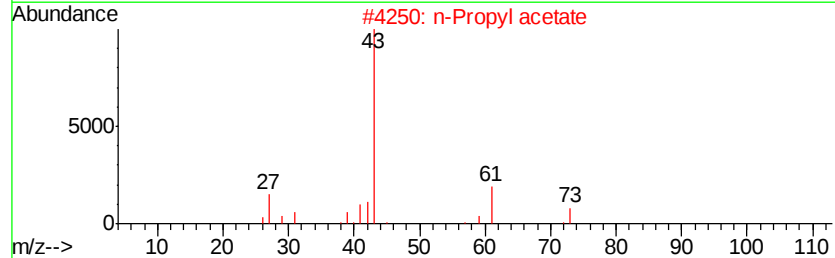
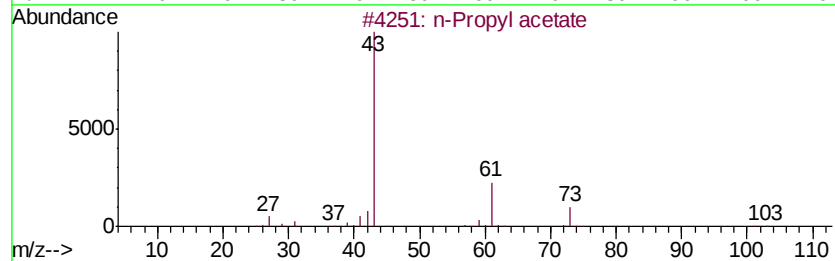
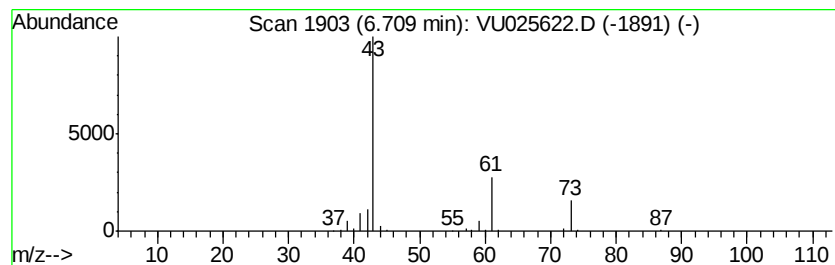
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
Quant Title : VOC Analysis

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

Peak Number 3 n-Propyl acetate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.71	16.69 ug/L	237072	1,4-Difluorobenzene	5.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Propyl acetate	102	C5H10O2	000109-60-4	83
2		n-Propyl acetate	102	C5H10O2	000109-60-4	78
3		n-Propyl acetate	102	C5H10O2	000109-60-4	78
4		Isopropyl acetate	102	C5H10O2	000108-21-4	36
5		Isopropyl acetate	102	C5H10O2	000108-21-4	9



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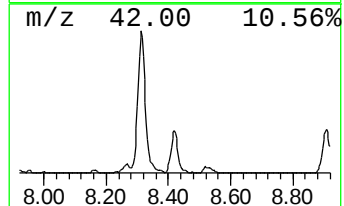
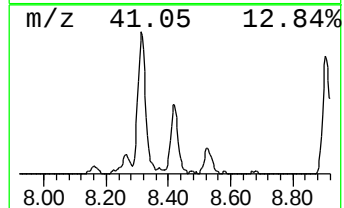
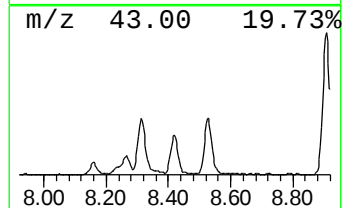
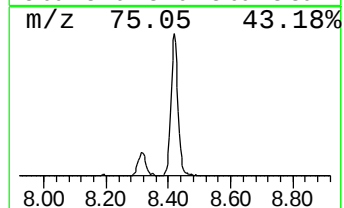
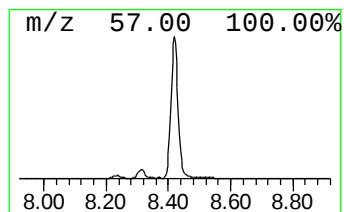
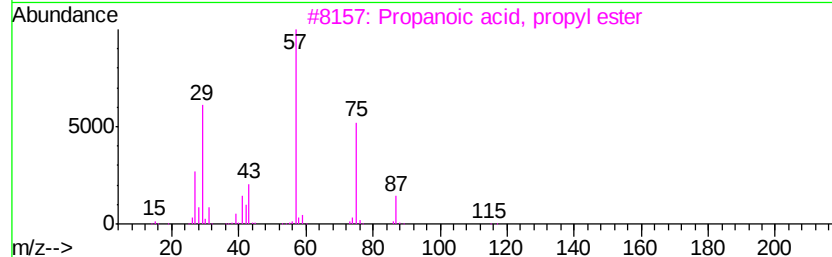
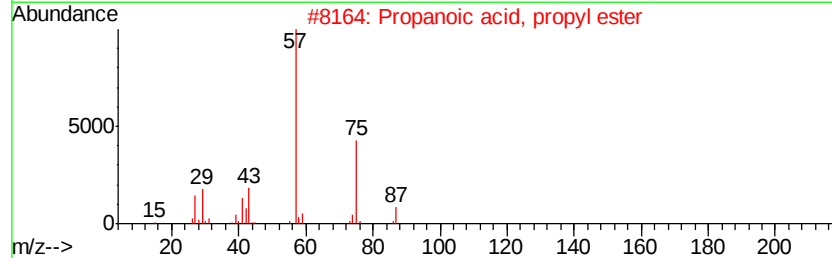
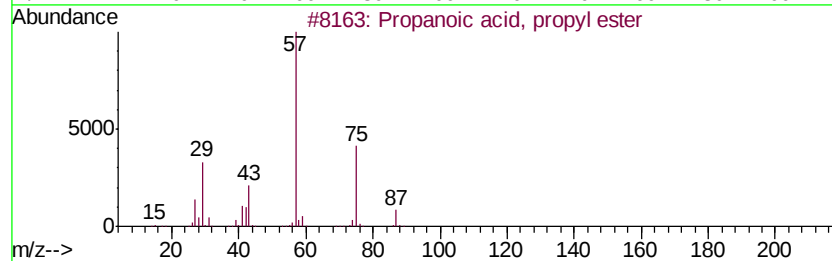
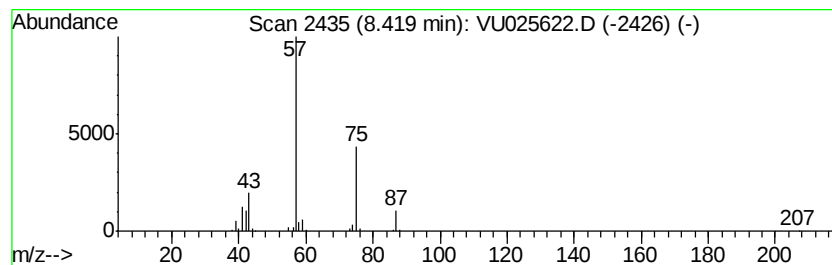
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Quant Title : VOC Analysis

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TIC Integration Parameters: LSCINT.P

Peak Number 5 Propanoic acid, propyl ester Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.42	5.85 ug/L	100425	Chlorobenzene-d5	9.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	83
2		Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	83
3		Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	74
4		Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	64
5		Propanoic acid, butyl ester	130	C7H14O2	000590-01-2	28



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU072418\
Data File : VU025622.D
Acq On : 24 Jul 2018 13:44
Operator : MD/SY
Sample : VLEB03
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VLEB03

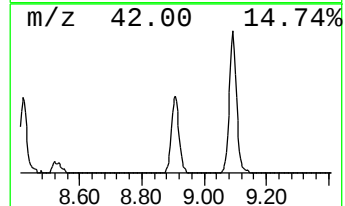
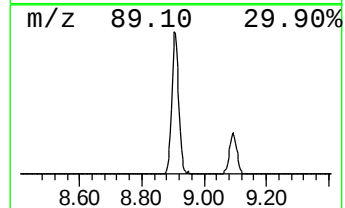
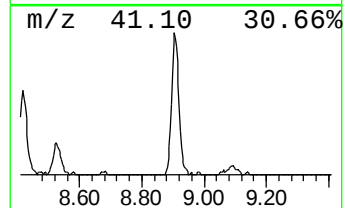
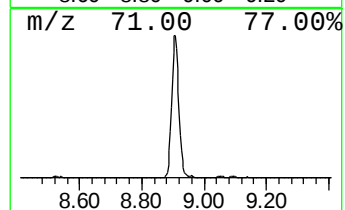
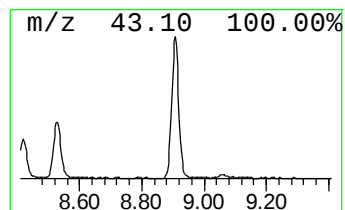
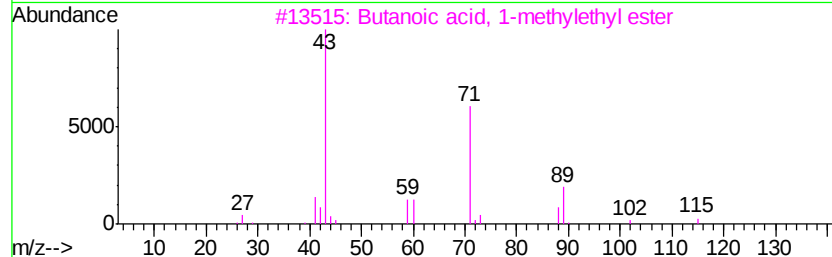
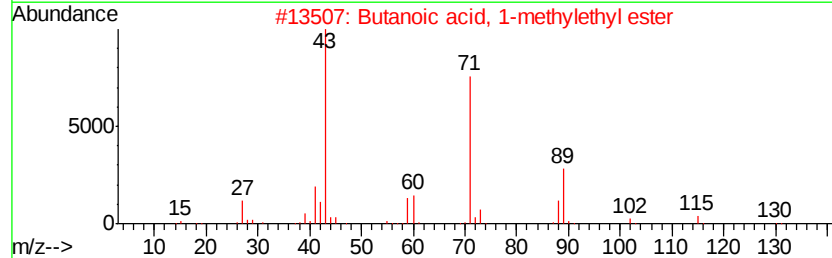
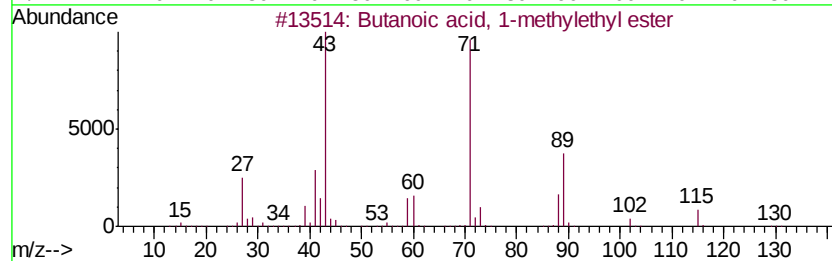
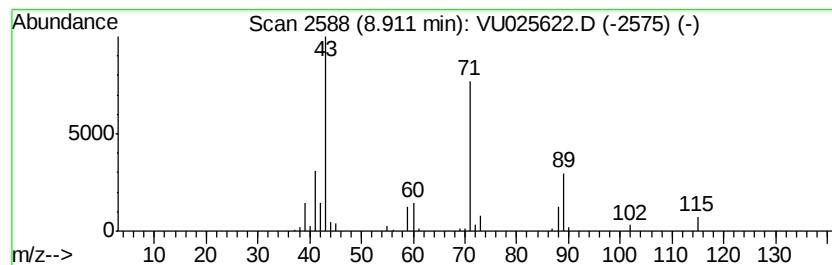
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Quant Title : VOC Analysis

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

Peak Number 6 Butanoic acid, 1-methylethy... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.91	6.61 ug/L	113505	Chlorobenzene-d5	9.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	91
2		Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	90
3		Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	83
4		Propanoic acid, 2-methyl-, propyl...	130	C7H14O2	000644-49-5	72
5		Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU072418\
Data File : VU025622.D
Acq On : 24 Jul 2018 13:44
Operator : MD/SY
Sample : VLEB03
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VLEB03

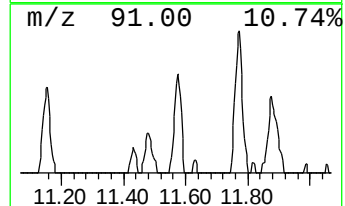
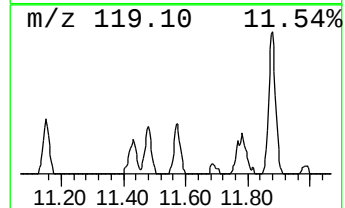
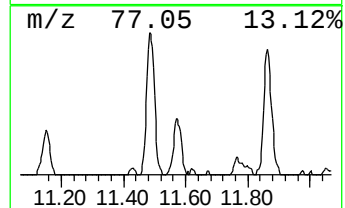
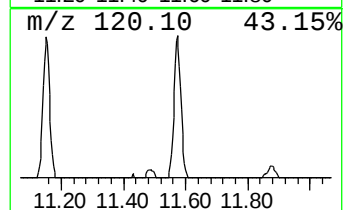
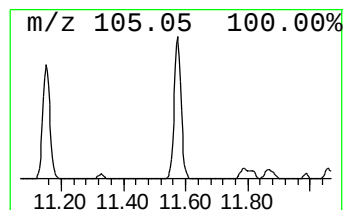
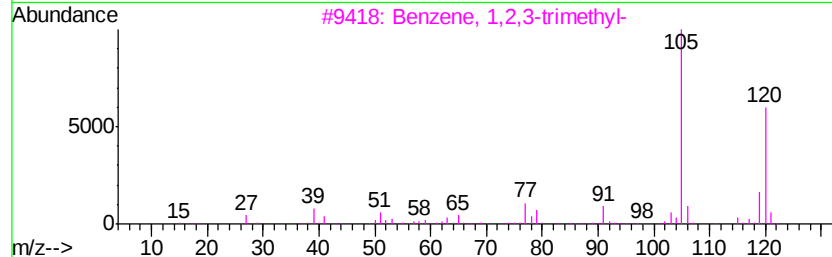
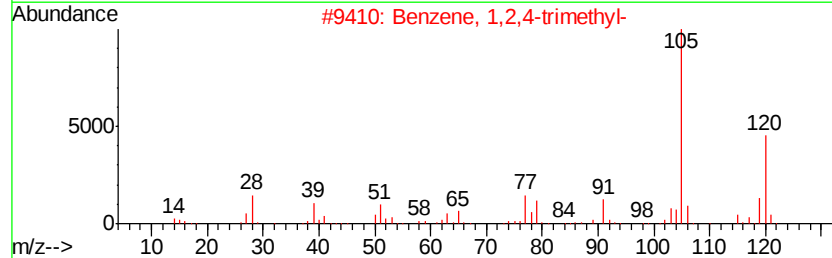
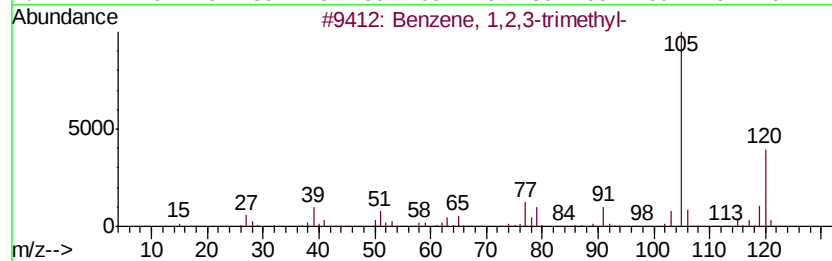
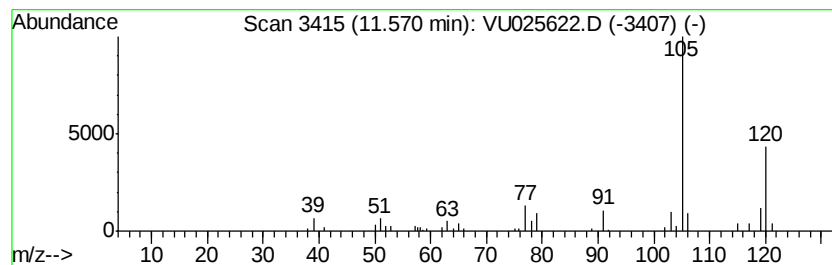
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Quant Title : VOC Analysis

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

Peak Number 7 Benzene, 1,2,3-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	2.65 ug/L	48545	1,4-Dichlorobenzene-d4	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
3		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4		Mesitylene	120	C9H12	000108-67-8	91
5		Mesitylene	120	C9H12	000108-67-8	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU072418\
Data File : VU025622.D
Acq On : 24 Jul 2018 13:44
Operator : MD/SY
Sample : VLEB03
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VLEB03

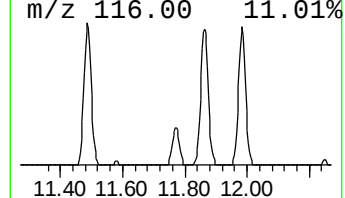
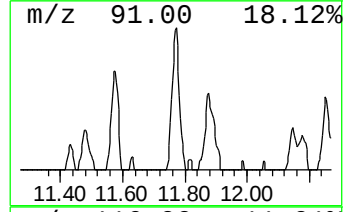
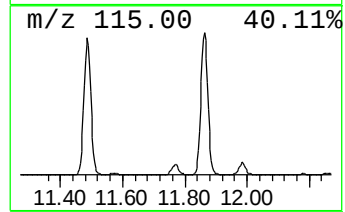
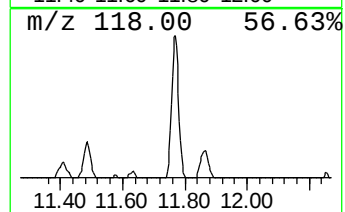
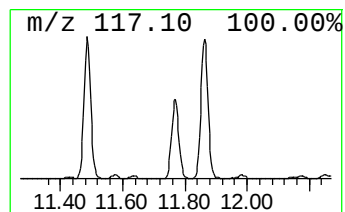
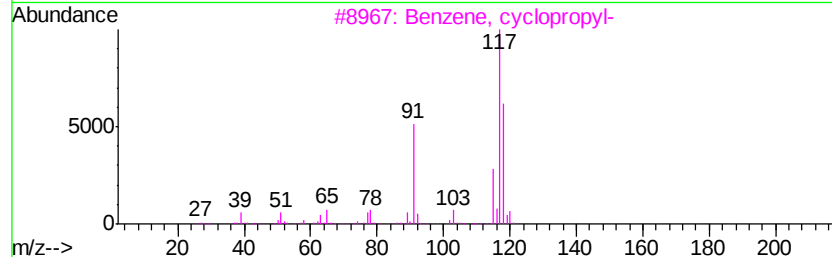
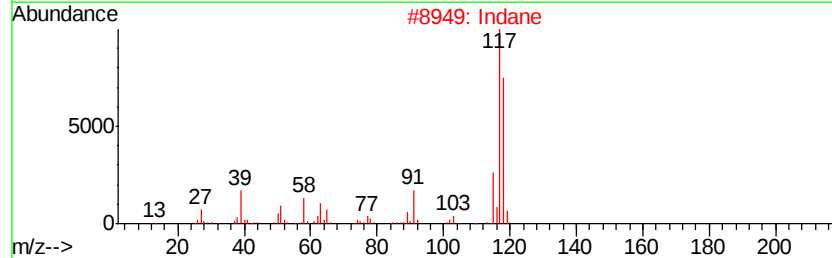
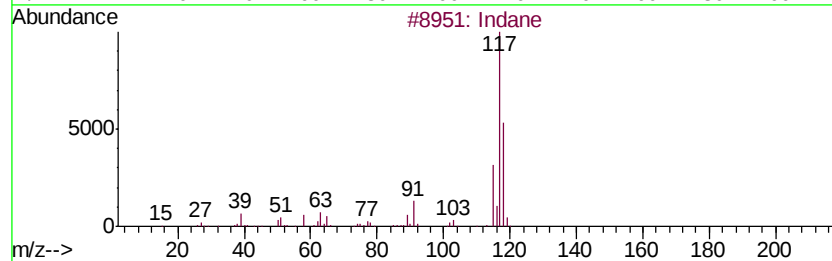
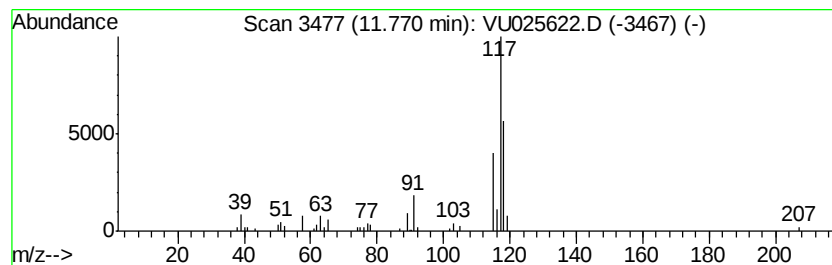
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Quant Title : VOC Analysis

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

Peak Number 8 Indane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	3.04 ug/L	55570	1,4-Dichlorobenzene-d4	11.49

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane		118	C9H10	000496-11-7	93
2	Indane		118	C9H10	000496-11-7	81
3	Benzene, cyclopropyl-		118	C9H10	000873-49-4	70
4	Benzene, 2-propenyl-		118	C9H10	000300-57-2	70
5	Indane		118	C9H10	000496-11-7	68



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU072418\
Data File : VU025622.D
Acq On : 24 Jul 2018 13:44
Operator : MD/SY
Sample : VLEB03
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VLEB03

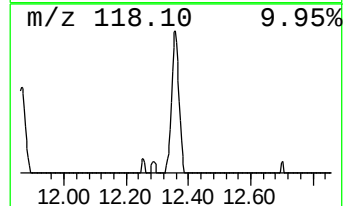
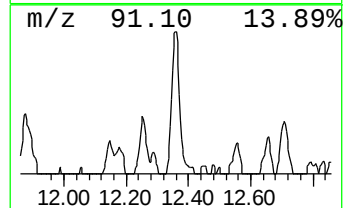
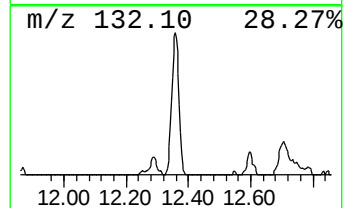
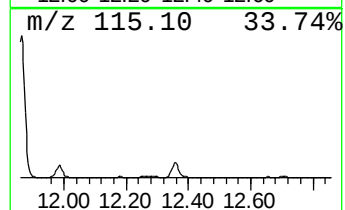
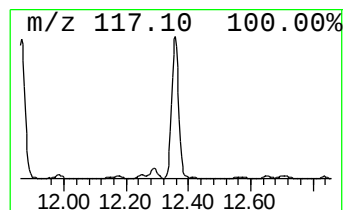
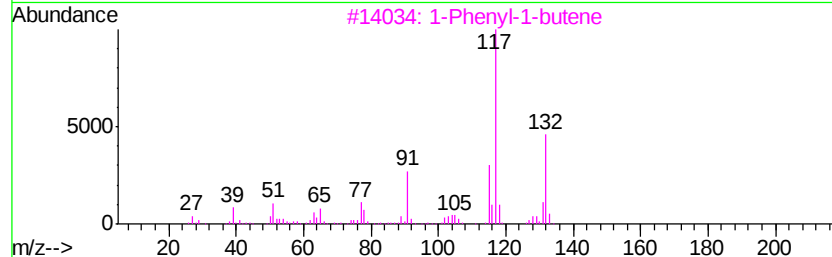
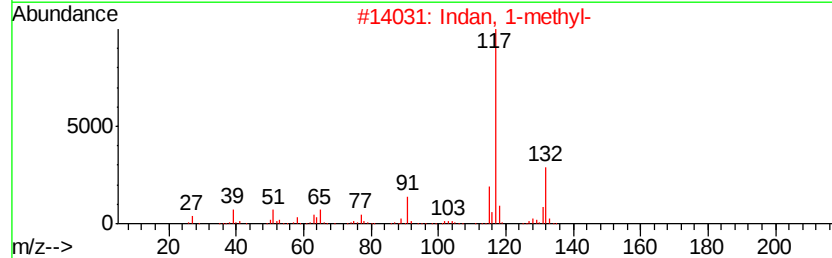
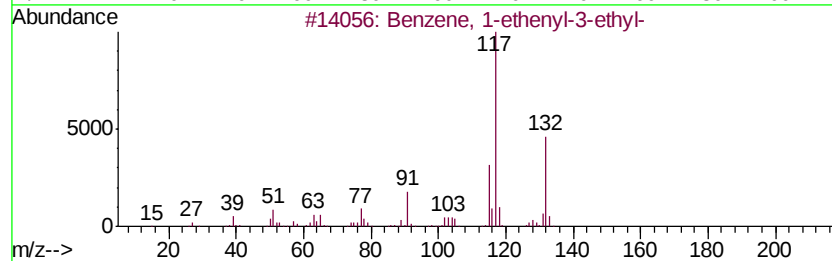
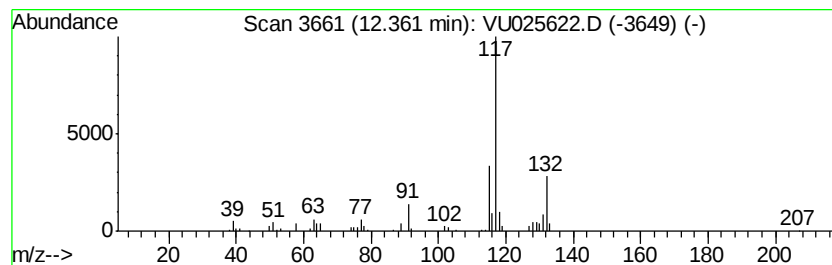
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Quant Title : VOC Analysis

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

Peak Number 9 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	4.90 ug/L	89667	1,4-Dichlorobenzene-d4	11.49

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	91
2			Indan, 1-methyl-	132	C10H12	000767-58-8	90
3			1-Phenyl-1-butene	132	C10H12	000824-90-8	87
4			Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	86
5			Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	83



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU072418\
Data File : VU025622.D
Acq On : 24 Jul 2018 13:44
Operator : MD/SY
Sample : VLEB03
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VLEB03

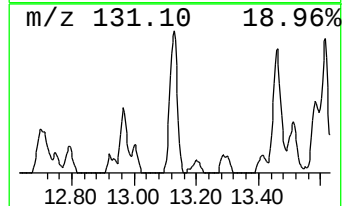
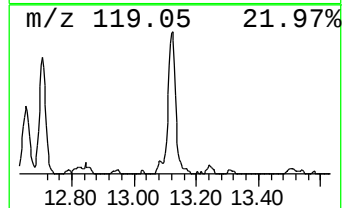
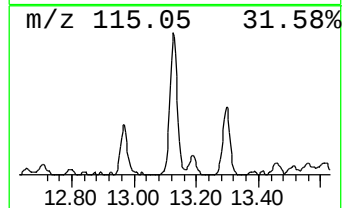
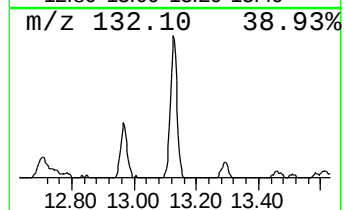
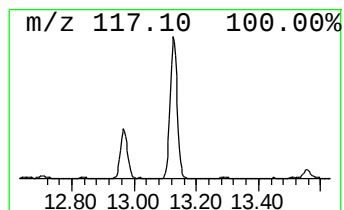
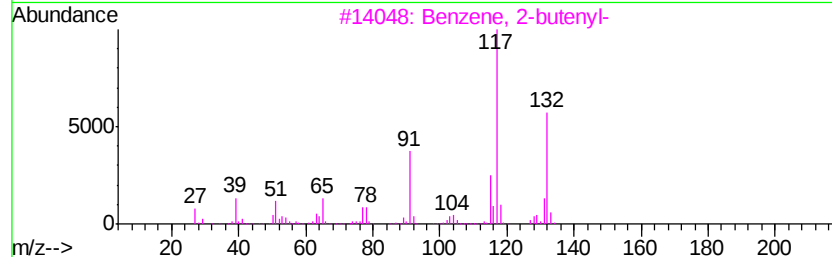
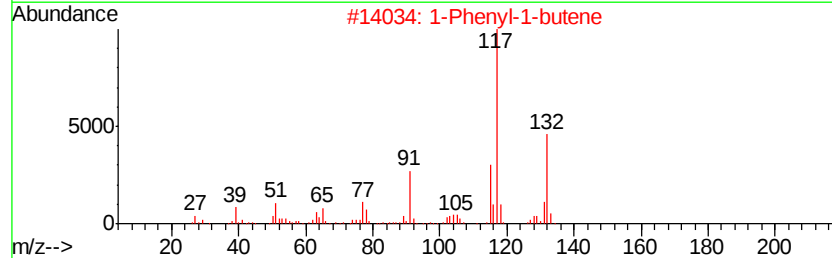
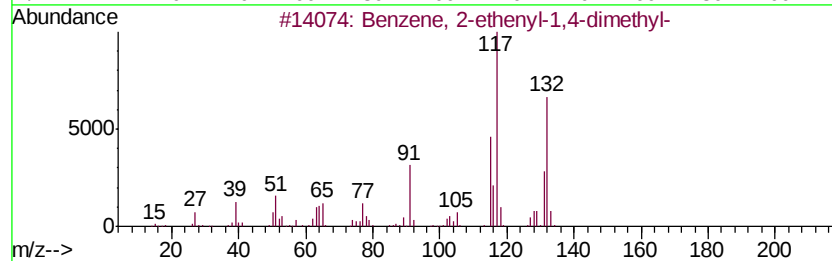
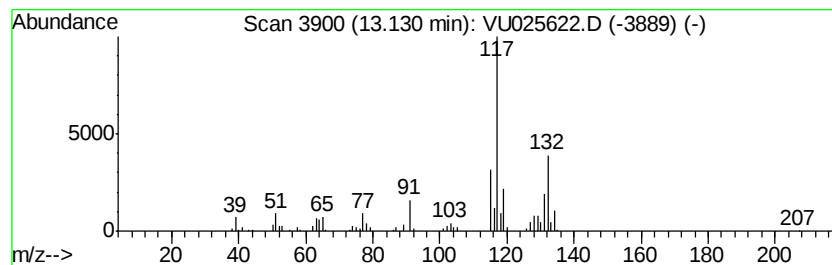
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Quant Title : VOC Analysis

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

Peak Number 10 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.13	7.17 ug/L	131121	1,4-Dichlorobenzene-d4	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2		1-Phenyl-1-butene	132	C10H12	000824-90-8	91
3		Benzene, 2-butenyl-	132	C10H12	001560-06-1	87
4		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	83
5		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	83



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU072418\
Data File : VU025622.D
Acq On : 24 Jul 2018 13:44
Operator : MD/SY
Sample : VLEB03
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VLEB03

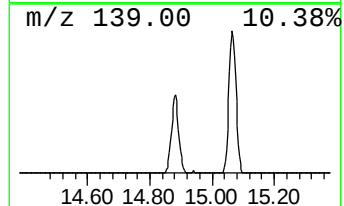
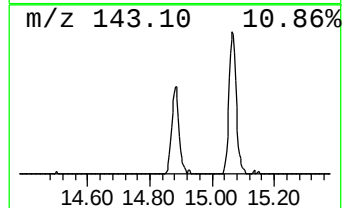
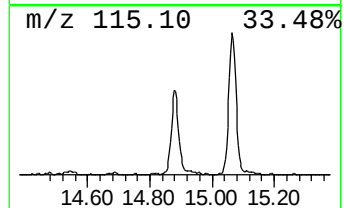
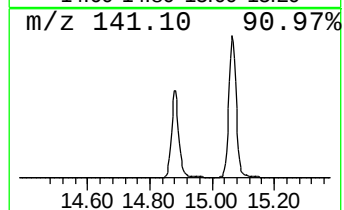
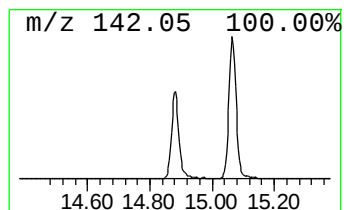
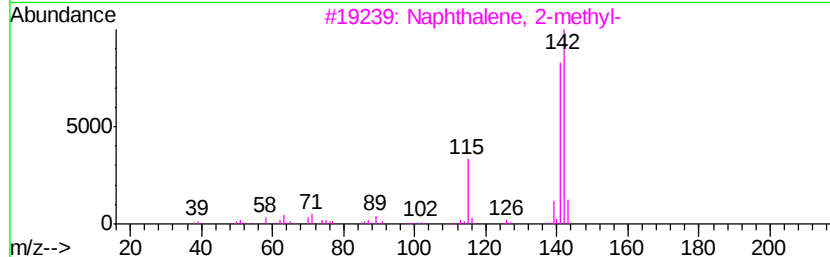
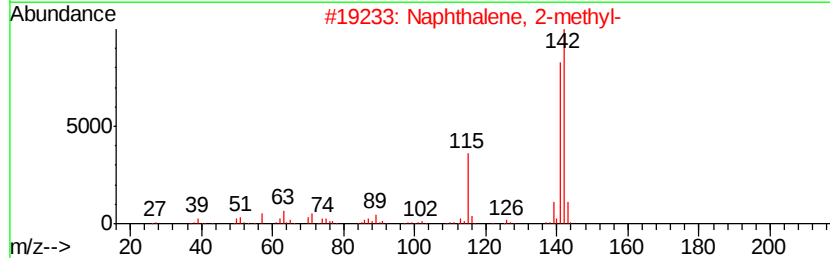
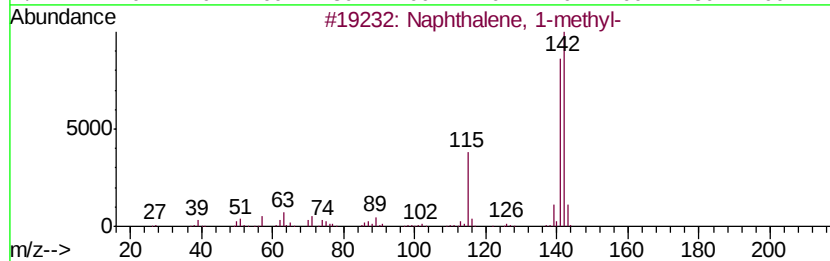
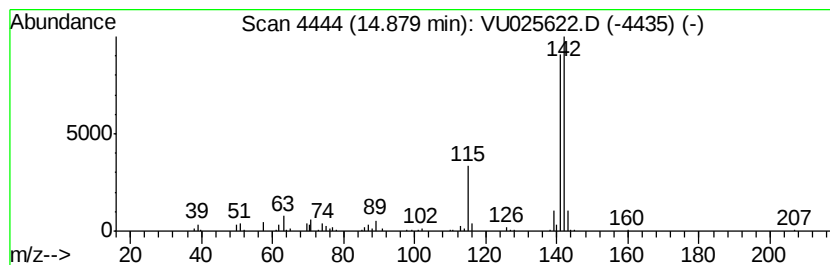
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
Quant Title : VOC Analysis

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

Peak Number 12 Naphthalene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	7.63 ug/L	139522	1,4-Dichlorobenzene-d4	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
5		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072418\
Data File : VU025622.D
Acq On : 24 Jul 2018 13:44
Operator : MD/SY
Sample : VLEB03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VLEB03

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.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
Isopropyl acetate	5.55	13.3	ug/L	189444	1	5.89	710191	50.0
n-Propyl acetate	6.71	16.7	ug/L	237072	1	5.89	710191	50.0
Propanoic acid, p...	8.42	5.8	ug/L	100425	2	9.09	859064	50.0
Butanoic acid, 1-...	8.91	6.6	ug/L	113505	2	9.09	859064	50.0
Benzene, 1,2,3-tr...	11.57	2.6	ug/L	48545	3	11.49	914783	50.0
Indane	11.77	3.0	ug/L	55570	3	11.49	914783	50.0
Benzene, 1-etheny...	12.36	4.9	ug/L	89667	3	11.49	914783	50.0
Benzene, 2-etheny...	13.13	7.2	ug/L	131121	3	11.49	914783	50.0
Naphthalene, 1-me...	14.88	7.6	ug/L	139522	3	11.49	914783	50.0