

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031320\
 Data File : VN060506.D
 Acq On : 13 Mar 2020 16:35
 Operator : JC/MD
 Sample : L1893-24
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-14-DA

Integration Parameters: RTEINT.P

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

Filtering: 5
 Min Area: 3 % 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_N\METHODS\82N022720W.M
 Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.291	151	161	177	rBV	13390	22351	1.75%	0.114%
2	2.789	302	316	331	rBV	36318	74808	5.86%	0.381%
3	3.127	407	421	441	rVB3	29972	71568	5.60%	0.365%
4	3.548	539	552	571	rVB2	21979	52782	4.13%	0.269%
5	3.783	611	625	645	rBV	13388	35893	2.81%	0.183%
6	4.529	831	857	858	rBV4	17697	43037	3.37%	0.219%
7	5.024	990	1011	1036	rVB2	19106	68649	5.37%	0.350%
8	5.362	1095	1116	1137	rBV8	7481	28914	2.26%	0.147%
9	5.545	1155	1173	1192	rBV2	21481	67246	5.26%	0.343%
10	5.899	1263	1283	1300	rBV2	21655	64235	5.03%	0.327%
11	6.043	1311	1328	1341	rBV4	9224	27070	2.12%	0.138%
12	6.346	1404	1422	1440	rBV4	15440	47208	3.70%	0.241%
13	6.603	1481	1502	1521	rBV3	118187	366566	28.70%	1.868%
14	7.368	1724	1740	1758	rVB2	50536	132239	10.35%	0.674%
15	7.567	1781	1802	1810	rBV	134922	339323	26.56%	1.729%
16	7.638	1811	1824	1842	rVB3	449677	1179772	92.35%	6.012%
17	7.857	1877	1892	1899	rBV3	18105	41749	3.27%	0.213%
18	7.911	1900	1909	1923	rVV3	23983	60391	4.73%	0.308%
19	8.005	1923	1938	1958	rVV	164011	386399	30.25%	1.969%
20	8.143	1963	1981	1994	rVV6	86863	222170	17.39%	1.132%
21	8.217	1995	2004	2014	rVV3	34377	82026	6.42%	0.418%
22	8.284	2014	2025	2045	rVB2	56215	135403	10.60%	0.690%
23	8.416	2047	2066	2081	rBV4	23271	54672	4.28%	0.279%
24	8.567	2097	2113	2137	rBV	439832	1007371	78.86%	5.134%
25	8.805	2175	2187	2191	rBV3	11792	22058	1.73%	0.112%
26	8.844	2192	2199	2218	rVB	24636	50281	3.94%	0.256%
27	9.063	2242	2267	2283	rBV	343302	816467	63.91%	4.161%
28	9.165	2287	2299	2311	rVB	13883	29904	2.34%	0.152%
29	9.249	2311	2325	2347	rBV	655259	1220210	95.52%	6.218%
30	9.423	2365	2379	2382	rBV7	26524	52360	4.10%	0.267%
31	9.500	2396	2403	2416	rVB4	29085	54749	4.29%	0.279%
32	9.599	2418	2434	2444	rBV2	95133	182970	14.32%	0.932%
33	9.657	2444	2452	2462	rVB2	32129	55259	4.33%	0.282%
34	9.828	2495	2505	2513	rBV4	14097	31198	2.44%	0.159%

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35	9.889	2514	2524	2534	rVB	96332	154369	12.08%	0.787%
36	9.956	2534	2545	2556	rBV	103809	188777	14.78%	0.962%
37	10.011	2557	2562	2569	rVB3	11671	15093	1.18%	0.077%
38	10.079	2569	2583	2596	rBV	684369	1277445	100.00%	6.510%
39	10.271	2625	2643	2656	rVB7	62739	168679	13.20%	0.860%
40	10.419	2680	2689	2701	rVB4	36934	70742	5.54%	0.361%
41	10.532	2701	2724	2736	rBV2	213992	463852	36.31%	2.364%
42	10.628	2746	2754	2764	rVB2	26909	45461	3.56%	0.232%
43	10.709	2764	2779	2784	rBV	50154	85926	6.73%	0.438%
44	10.754	2784	2793	2808	rVV	263267	460700	36.06%	2.348%
45	10.831	2808	2817	2833	rVV7	25139	81891	6.41%	0.417%
46	10.908	2834	2841	2847	rVV2	33982	56784	4.45%	0.289%
47	10.943	2847	2852	2861	rVB	30091	45286	3.55%	0.231%
48	10.995	2861	2868	2878	rVB2	19171	31395	2.46%	0.160%
49	11.062	2878	2889	2895	rBV9	7087	13399	1.05%	0.068%
50	11.159	2909	2919	2930	rBV	390940	611339	47.86%	3.115%
51	11.316	2953	2968	2977	rBV8	25249	48186	3.77%	0.246%
52	11.400	2980	2994	3006	rVV	599909	1049654	82.17%	5.349%
53	11.503	3007	3026	3043	rVV	432906	791449	61.96%	4.033%
54	11.612	3044	3060	3083	rVV	461456	908431	71.11%	4.629%
55	11.767	3093	3108	3114	rBV6	10121	23546	1.84%	0.120%
56	11.808	3115	3121	3128	rVB4	11147	17096	1.34%	0.087%
57	11.869	3129	3140	3150	rBV	49638	81553	6.38%	0.416%
58	11.940	3151	3162	3178	rVB	77089	143920	11.27%	0.733%
59	12.111	3206	3215	3225	rBV3	15297	28050	2.20%	0.143%
60	12.242	3246	3256	3266	rBV	144260	228871	17.92%	1.166%
61	12.397	3291	3304	3319	rBV	474162	796111	62.32%	4.057%
62	12.586	3348	3363	3372	rBV	100561	163487	12.80%	0.833%
63	12.651	3372	3383	3388	rVV	131104	211962	16.59%	1.080%
64	12.683	3389	3393	3400	rVV	115821	166752	13.05%	0.850%
65	12.728	3400	3407	3424	rVB	194724	305191	23.89%	1.555%
66	12.886	3442	3456	3471	rBV	196553	321648	25.18%	1.639%
67	13.037	3491	3503	3514	rVB	365173	581069	45.49%	2.961%
68	13.165	3530	3543	3553	rBV4	22130	46545	3.64%	0.237%
69	13.230	3553	3563	3571	rVB	43511	64610	5.06%	0.329%
70	13.284	3571	3580	3586	rBV2	30023	43804	3.43%	0.223%
71	13.339	3586	3597	3604	rBV	592780	1044236	81.74%	5.322%

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72	13.439	3621	3628	3640	rVB2	16175	25940	2.03%	0.132%
73	13.538	3640	3659	3667	rBV2	179214	355744	27.85%	1.813%
74	13.580	3667	3672	3690	rVB3	77753	138149	10.81%	0.704%
75	13.667	3690	3699	3709	rVB3	19241	30759	2.41%	0.157%
76	13.734	3711	3720	3729	rBV	28177	44455	3.48%	0.227%
77	13.799	3732	3740	3745	rBV	40503	63255	4.95%	0.322%
78	13.828	3746	3749	3758	rVB	38058	45438	3.56%	0.232%
79	13.885	3758	3767	3776	rVB	63650	96333	7.54%	0.491%
80	13.943	3776	3785	3790	rBV	17781	27035	2.12%	0.138%
81	13.992	3790	3800	3811	rVB	143012	227778	17.83%	1.161%
82	14.123	3832	3841	3851	rVB3	42193	65614	5.14%	0.334%
83	14.207	3859	3867	3872	rBV2	21806	31217	2.44%	0.159%
84	14.246	3873	3879	3887	rVB2	40570	56801	4.45%	0.289%
85	14.294	3888	3894	3898	rBV4	10443	13248	1.04%	0.068%
86	14.474	3941	3950	3961	rBV2	36686	61582	4.82%	0.314%
87	14.586	3973	3985	3998	rBV3	103759	215466	16.87%	1.098%
88	14.657	4001	4007	4015	rVB6	9946	14570	1.14%	0.074%
89	14.738	4024	4032	4045	rVB4	26202	41480	3.25%	0.211%
90	15.130	4145	4154	4165	rVB2	59951	103454	8.10%	0.527%

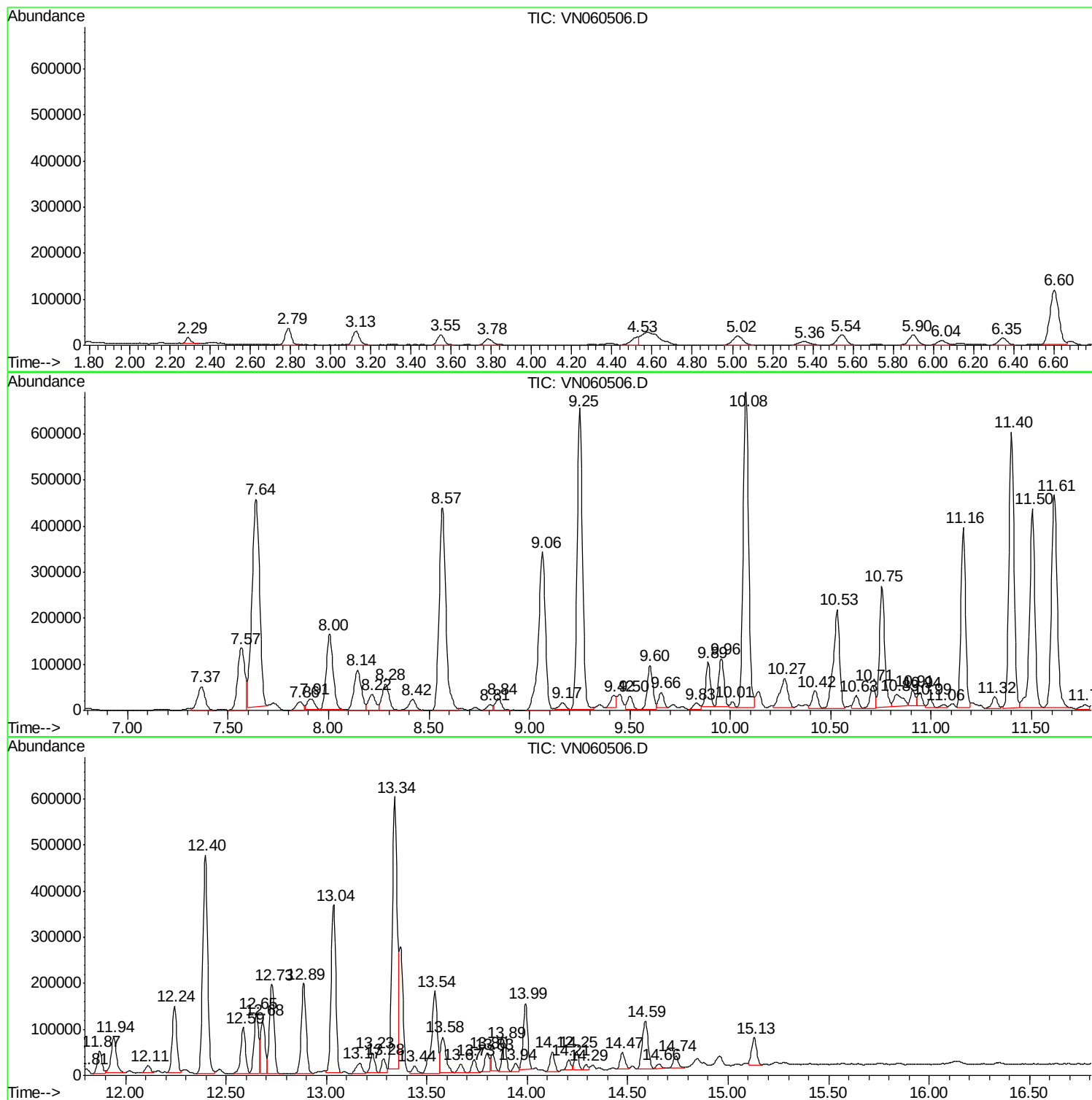
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
Quant Title : SW846 8260

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



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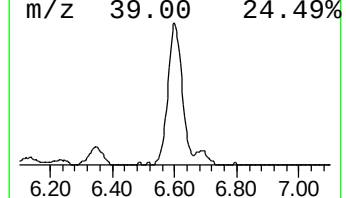
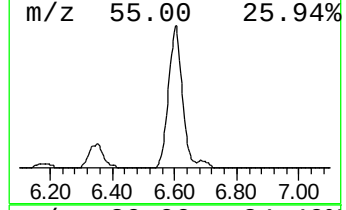
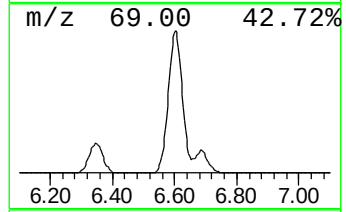
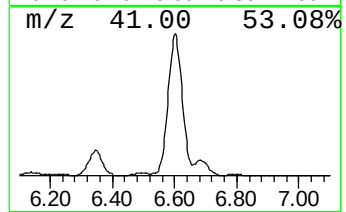
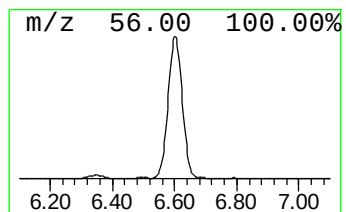
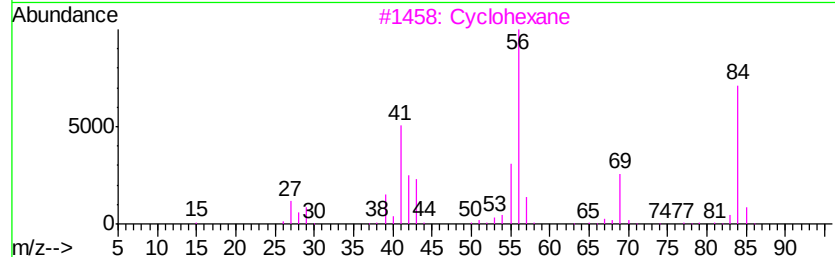
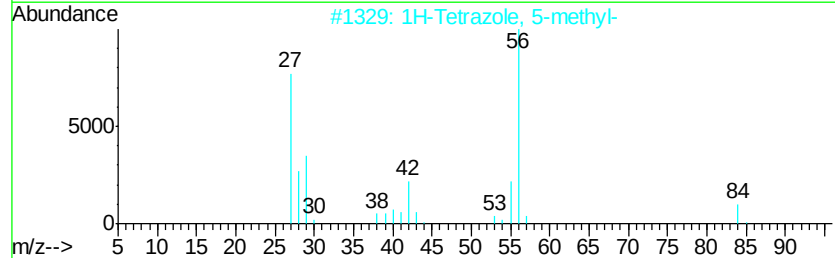
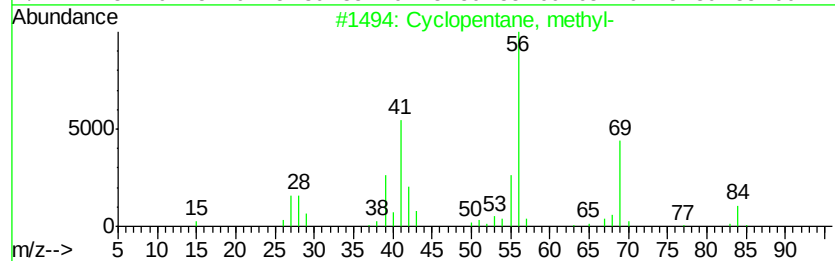
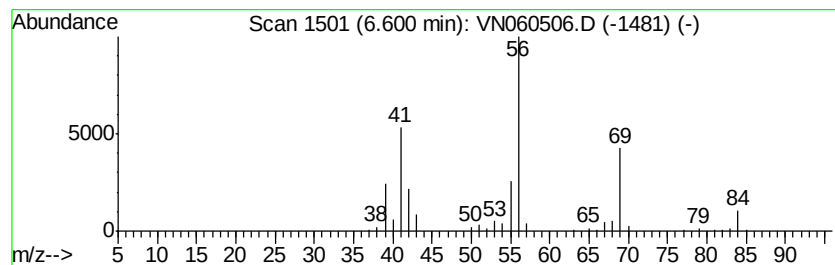
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
Quant Title : SW846 8260

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

Peak Number 1 Cyclopentane, methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	15.54 ug/l	366566	Pentafluorobenzene	7.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, methyl-	84	C6H12	000096-37-7	94
2		1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	80
3		Cyclohexane	84	C6H12	000110-82-7	64
4		Cyclobutane, ethyl-	84	C6H12	004806-61-5	64
5		Cyclopropane, propyl-	84	C6H12	002415-72-7	53



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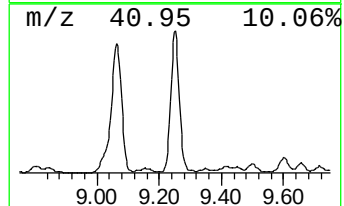
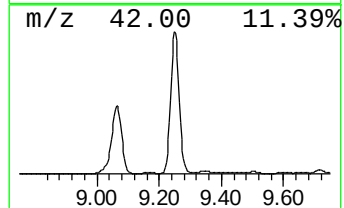
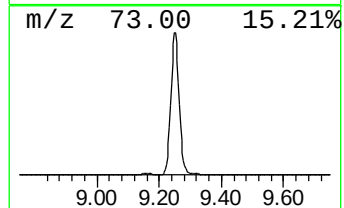
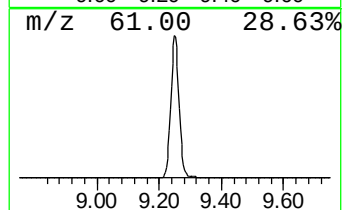
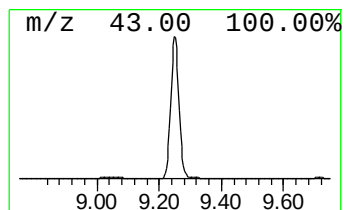
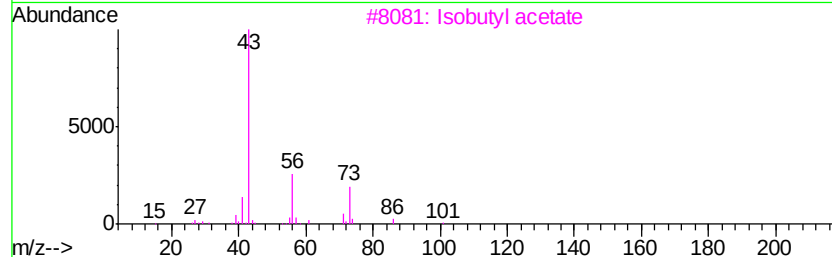
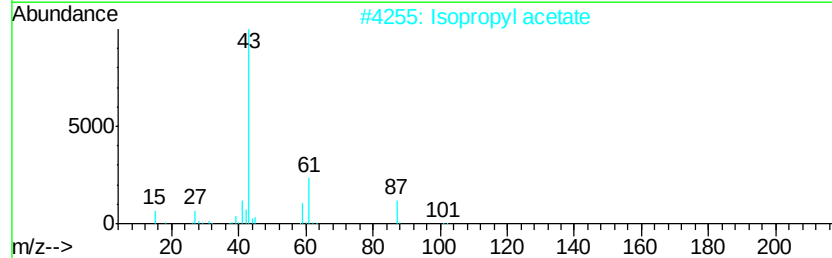
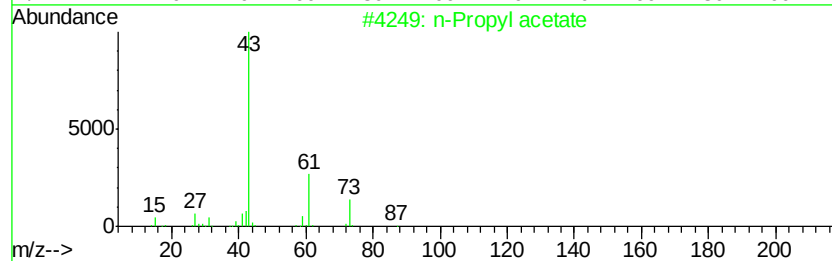
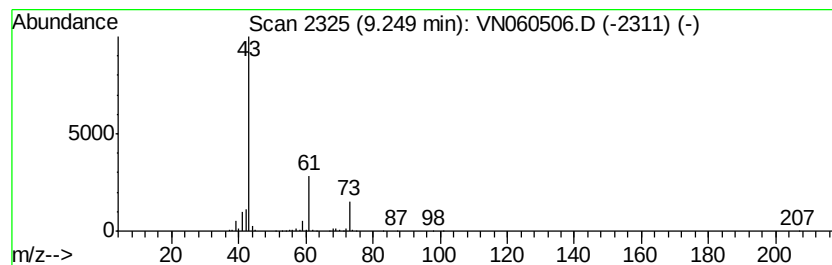
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Propyl acetate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.25	60.56 ug/l	1220210	1,4-Difluorobenzene	8.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Propyl acetate	102	C5H10O2	000109-60-4	78
2		Isopropyl acetate	102	C5H10O2	000108-21-4	33
3		Isobutyl acetate	116	C6H12O2	000110-19-0	9
4		1-Butanamine	73	C4H11N	000109-73-9	7
5		Isobutylamine	73	C4H11N	000078-81-9	7



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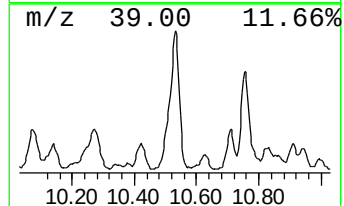
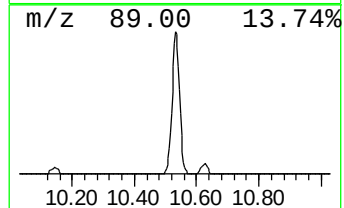
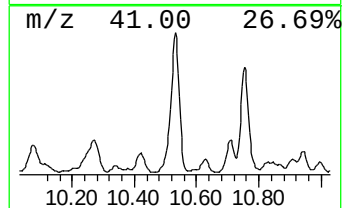
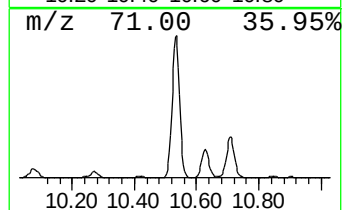
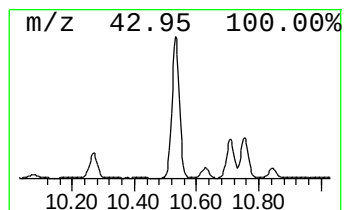
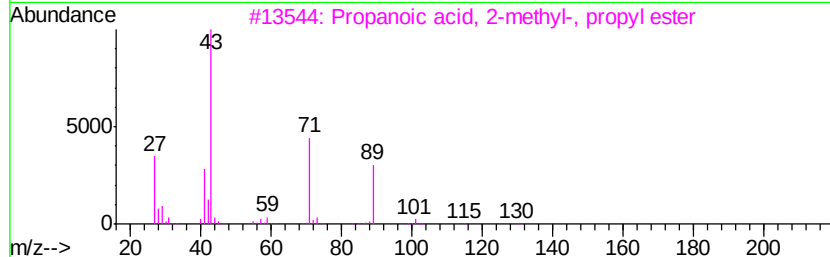
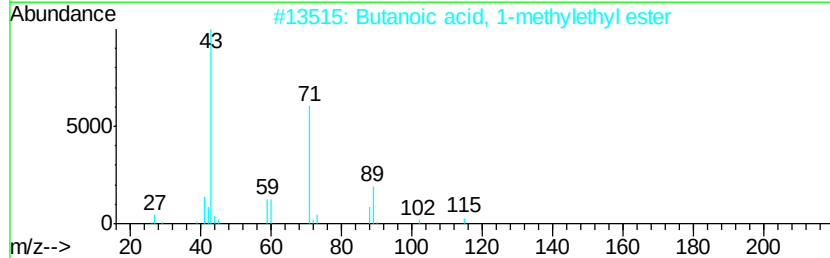
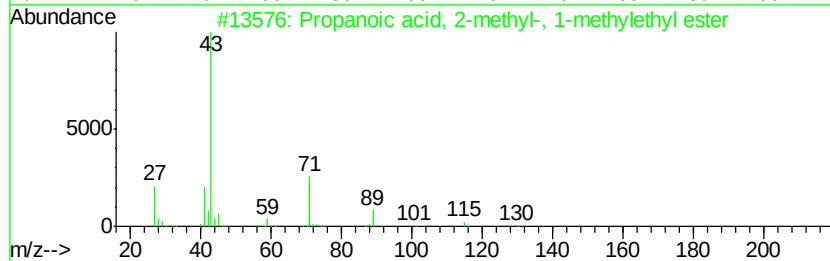
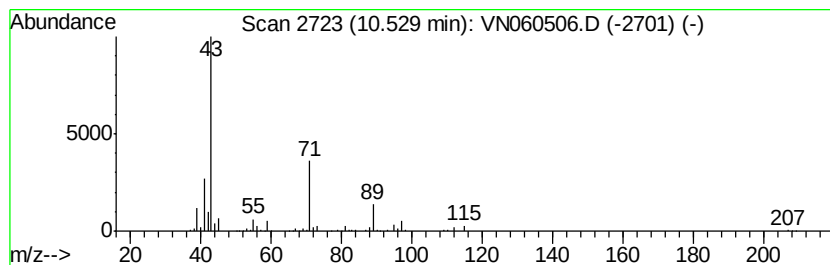
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Propanoic acid, 2-methyl-, ... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
10.53	22.10 ug/l	463852	Chlorobenzene-d5	11.40		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	72
2		Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	59
3		Propanoic acid, 2-methyl-, propyl...	130	C7H14O2	000644-49-5	45
4		Propanoic acid, 2-methyl-, pentyl...	158	C9H18O2	002445-72-9	40
5		Oxalic acid, pentyl propyl ester	202	C10H18O4	1000309-25-7	38



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 TP-14-DA

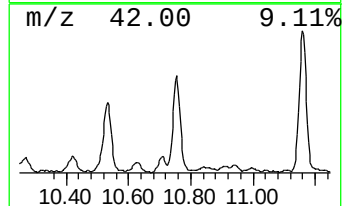
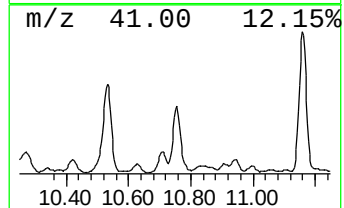
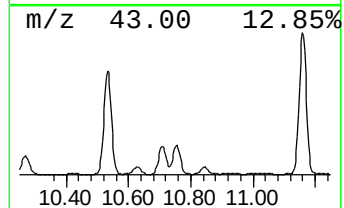
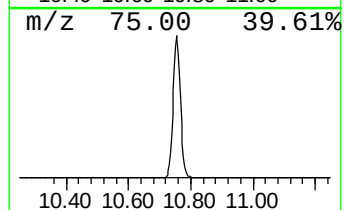
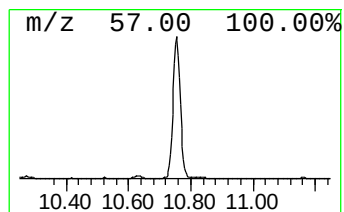
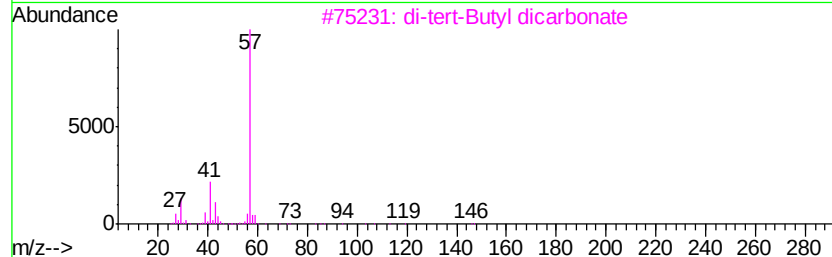
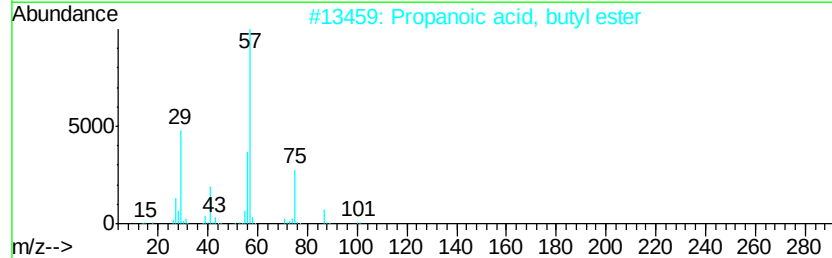
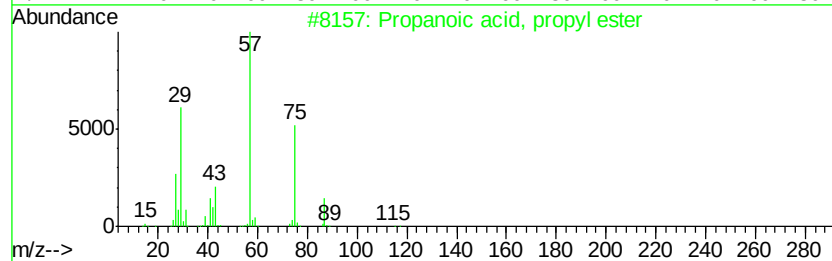
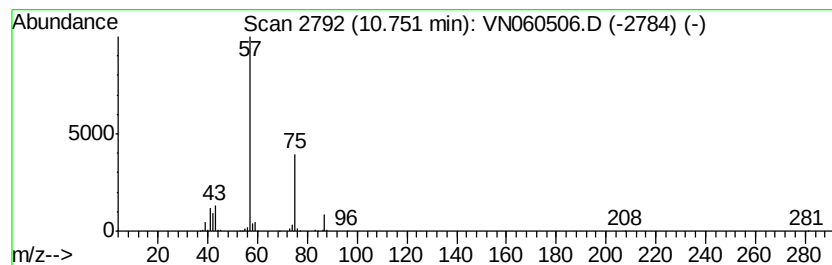
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 Quant Title : SW846 8260

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

 Peak Number 4 Propanoic acid, propyl ester Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	21.95 ug/l	460700	Chlorobenzene-d5	11.40

Hit# of	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	83
2	Propanoic acid, butyl ester	130	C7H14O2	000590-01-2	38
3	di-tert-Butyl dicarbonate	218	C10H18O5	024424-99-5	10
4	Azetidine	57	C3H7N	000503-29-7	9
5	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	9



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN031320\
Data File : VN060506.D
Acq On : 13 Mar 2020 16:35
Operator : JC/MD
Sample : L1893-24
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 20 Sample Multiplier: 1

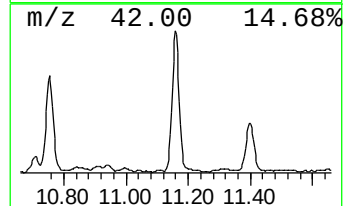
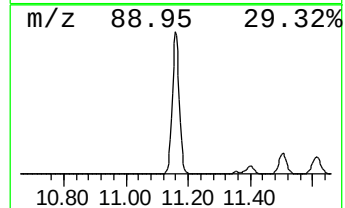
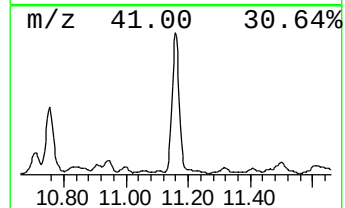
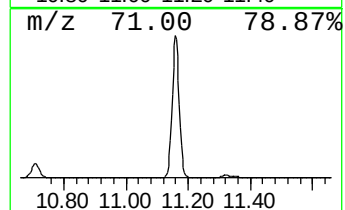
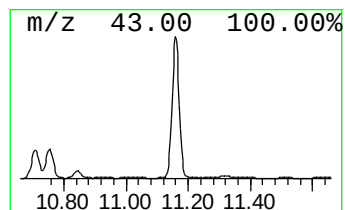
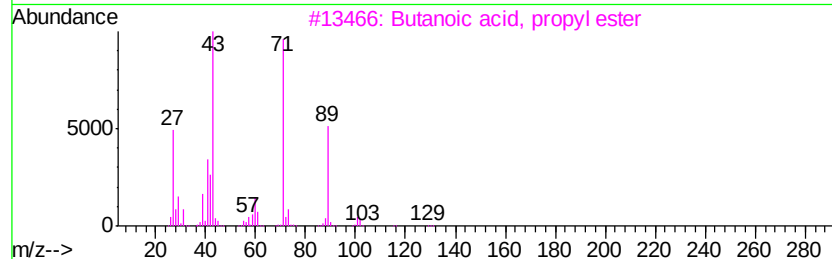
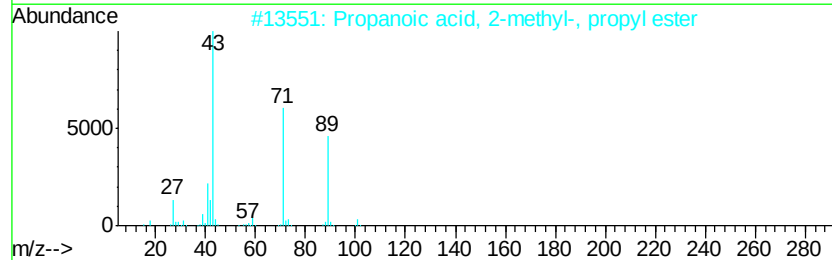
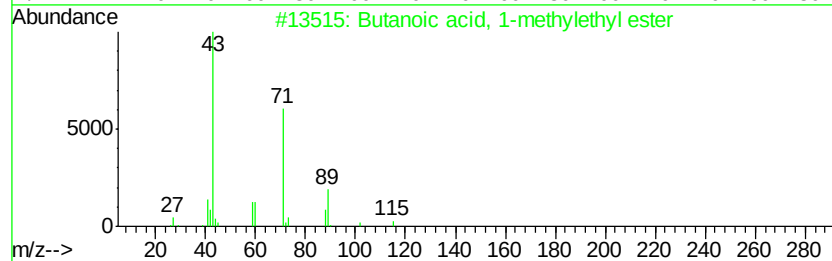
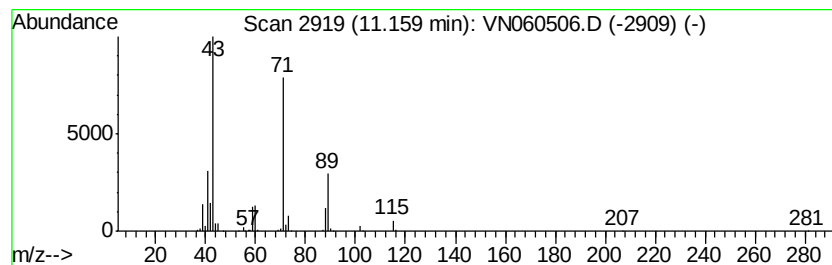
Instrument :
MSVOA_N
ClientSampleId :
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Quant Title : SW846 8260

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

Peak Number 5 Butanoic acid, 1-methylethy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.16	29.12 ug/l	611339	Chlorobenzene-d5	11.40		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	90
2		Propanoic acid, 2-methyl-, propyl...	130	C7H14O2	000644-49-5	72
3		Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	64
4		Butanoic acid, butyl ester	144	C8H16O2	000109-21-7	45
5		Ethane-1,1-diol dibutanoate	202	C10H18O4	025572-25-2	42



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN031320\
Data File : VN060506.D
Acq On : 13 Mar 2020 16:35
Operator : JC/MD
Sample : L1893-24
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampled :
TP-14-DA

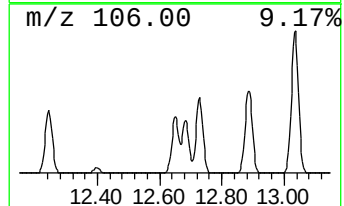
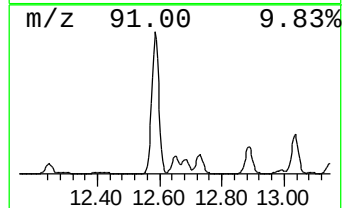
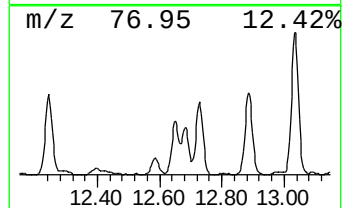
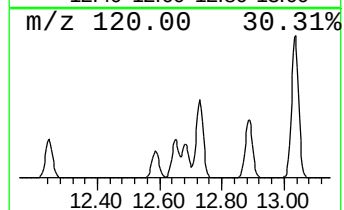
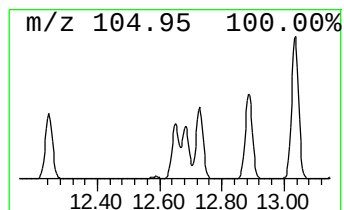
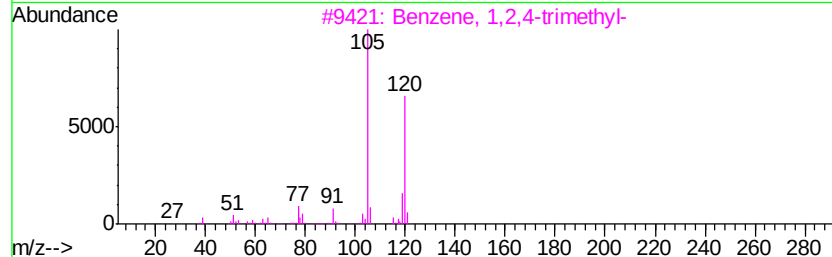
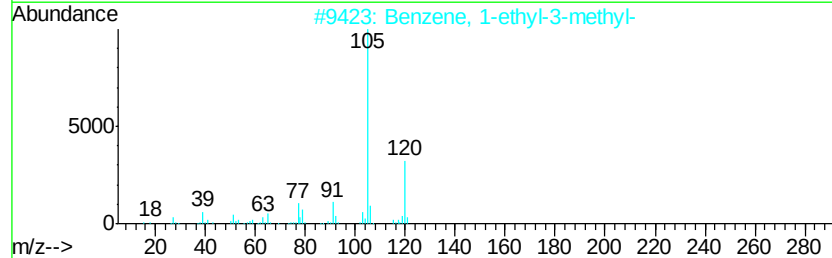
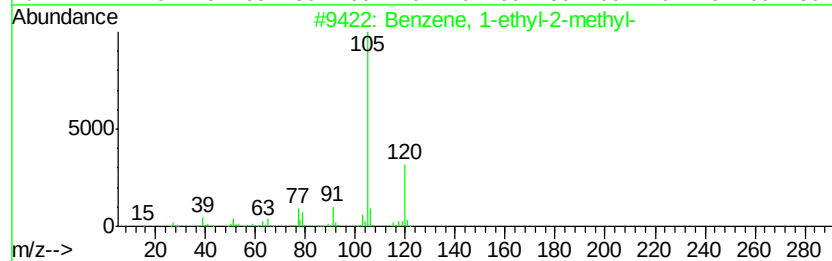
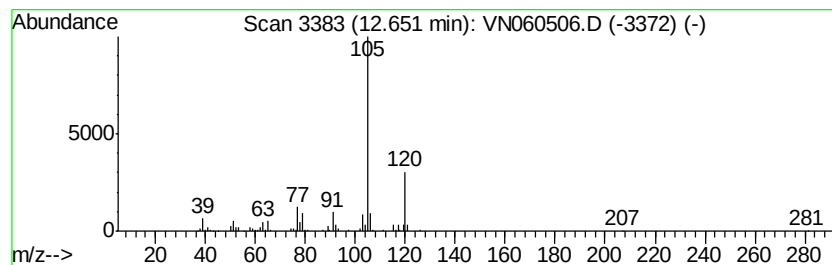
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Quant Title : SW846 8260

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

Peak Number 6 Benzene, 1-ethyl-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	10.15 ug/l	211962	1,4-Dichlorobenzene-d4	13.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4		Mesitylene	120	C9H12	000108-67-8	91
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN031320\
Data File : VN060506.D
Acq On : 13 Mar 2020 16:35
Operator : JC/MD
Sample : L1893-24
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TP-14-DA

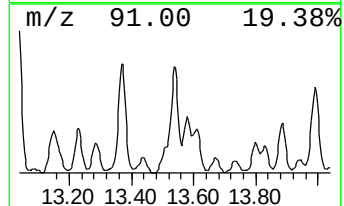
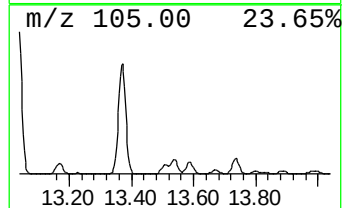
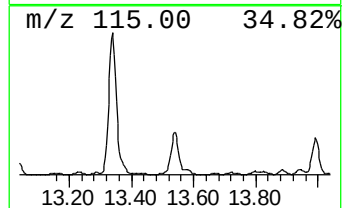
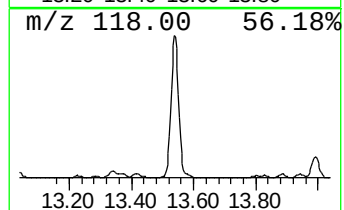
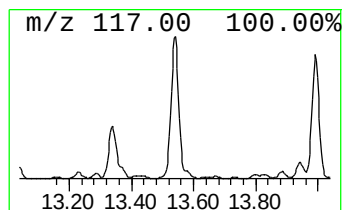
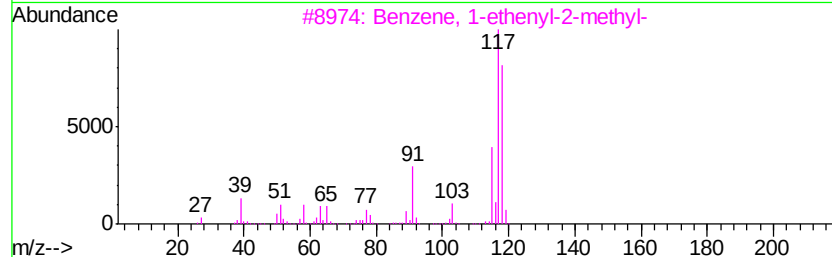
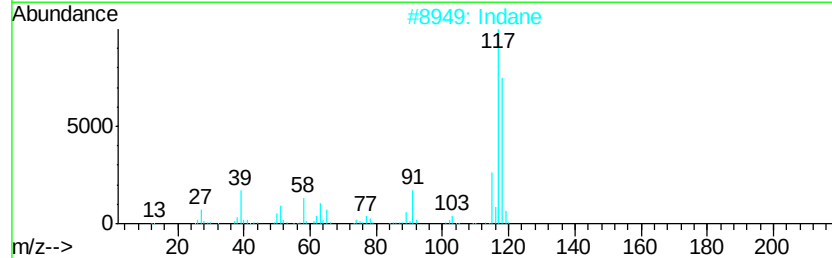
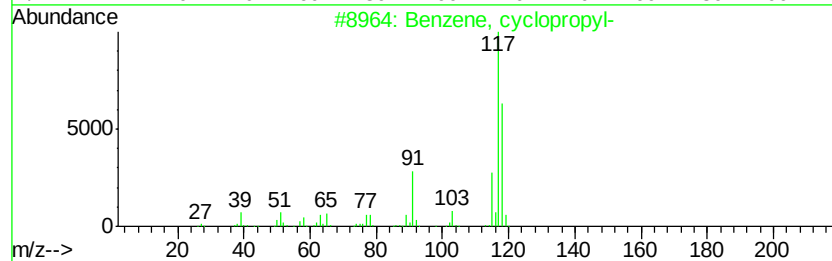
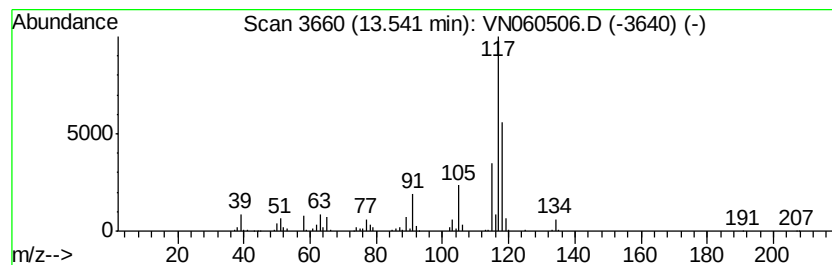
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Quant Title : SW846 8260

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

Peak Number 8 Benzene, cyclopropyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	17.03 ug/l	355744	1,4-Dichlorobenzene-d4	13.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, cvclopropyl-	118	C9H10	000873-49-4	92
2		Indane	118	C9H10	000496-11-7	86
3		Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	86
4		Benzene, 2-propenyl-	118	C9H10	000300-57-2	70
5		Benzene, 1-propenyl-	118	C9H10	000637-50-3	70



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN031320\
Data File : VN060506.D
Acq On : 13 Mar 2020 16:35
Operator : JC/MD
Sample : L1893-24
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
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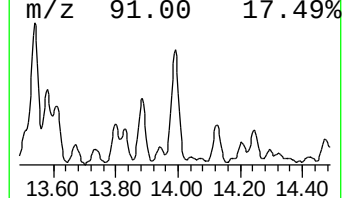
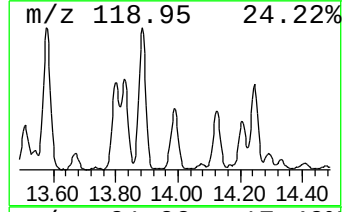
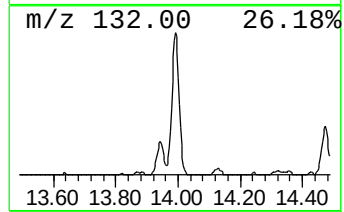
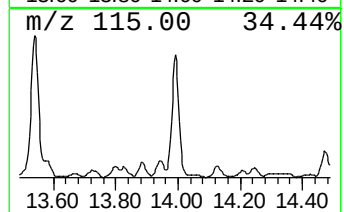
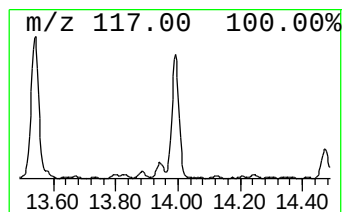
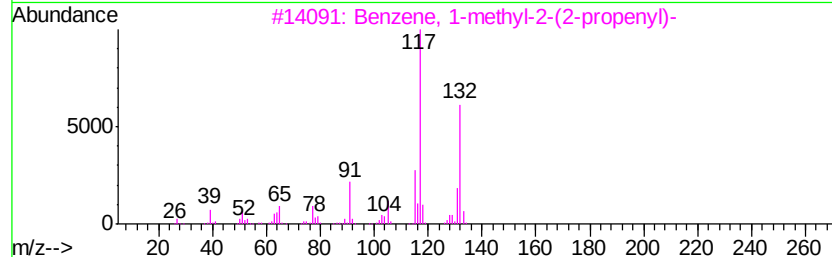
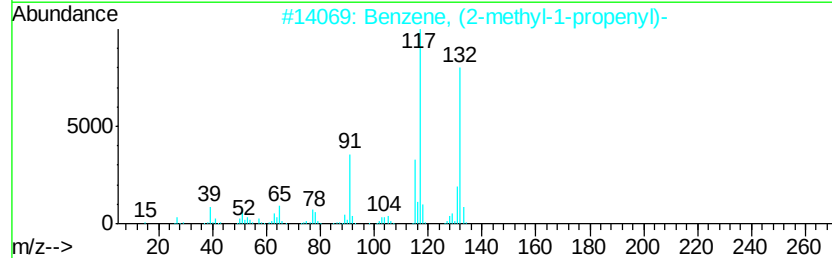
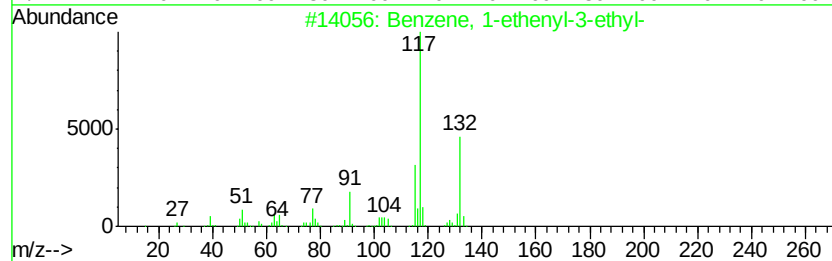
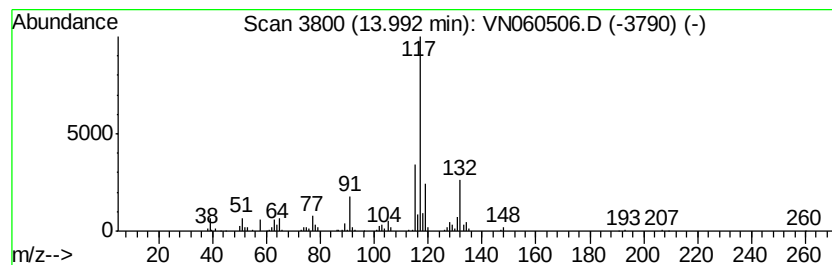
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Quant Title : SW846 8260

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

Peak Number 9 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.99	10.91 ug/l	227778	1,4-Dichlorobenzene-d4	13.34

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	81
2		Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	81
3		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	76
4		Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	76
5		Indan, 1-methyl-	132	C10H12	000767-58-8	76



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN031320\
Data File : VN060506.D
Acq On : 13 Mar 2020 16:35
Operator : JC/MD
Sample : L1893-24
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 20 Sample Multiplier: 1

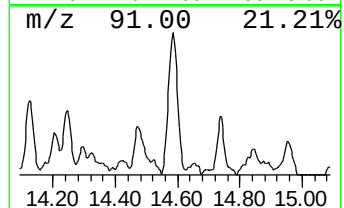
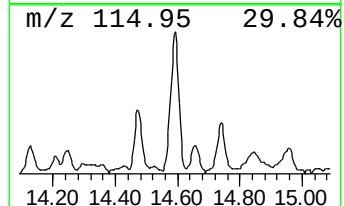
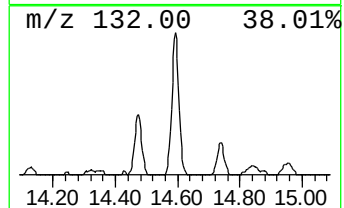
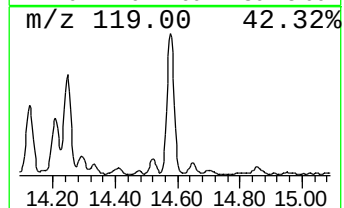
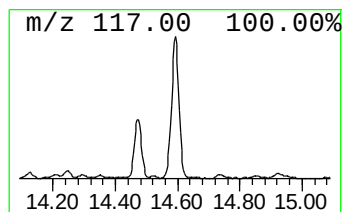
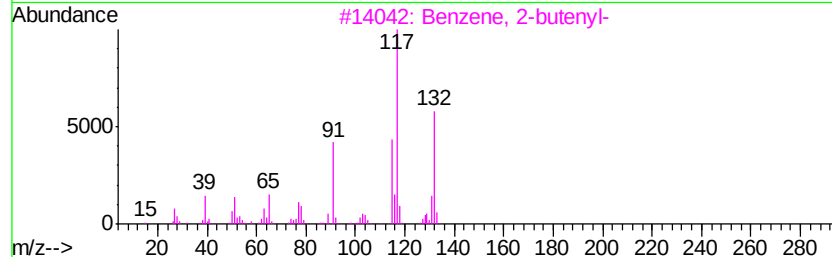
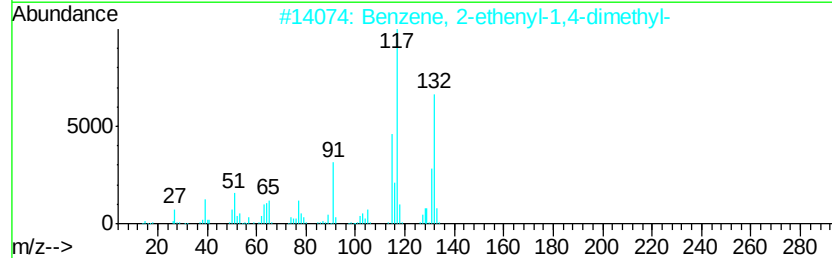
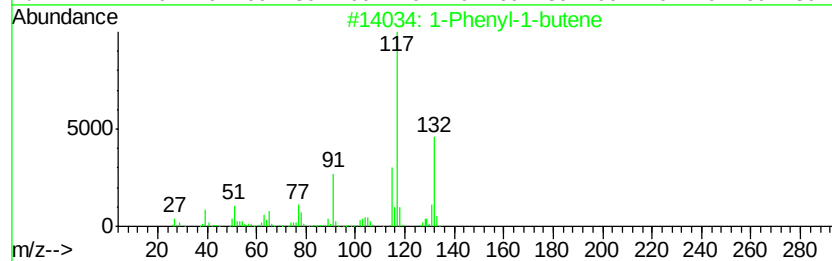
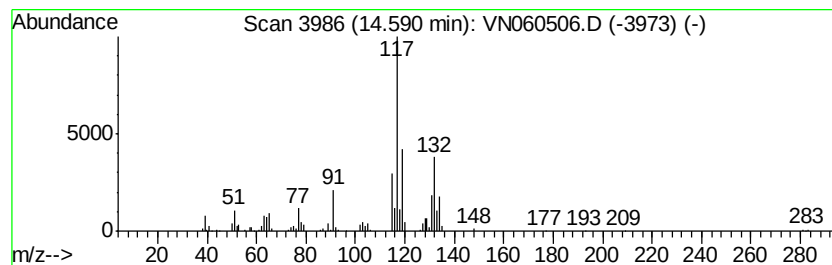
Instrument :
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ClientSampled :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
Quant Title : SW846 8260

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

Peak Number 10 1-Phenyl-1-butene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.59	10.32 ug/l	215466	1,4-Dichlorobenzene-d4	13.34
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1-Phenyl-1-butene	132 C10H12	000824-90-8 91
2		Benzene, 2-ethenyl-1,4-dimethyl-	132 C10H12	002039-89-6 90
3		Benzene, 2-butenyl-	132 C10H12	001560-06-1 89
4		2,4-Dimethylstyrene	132 C10H12	002234-20-0 89
5		Benzene, 1-methyl-4-(2-propenyl)-	132 C10H12	003333-13-9 83



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN031320\
Data File : VN060506.D
Acq On : 13 Mar 2020 16:35
Operator : JC/MD
Sample : L1893-24
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
Quant Title : SW846 8260

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Cyclopentane, met...	6.60	15.5	ug/l	366566	1	7.64	1179770	50.0
n-Propyl acetate	9.25	60.6	ug/l	1220210	2	8.57	1007370	50.0
Propanoic acid, 2...	10.53	22.1	ug/l	463852	3	11.40	1049650	50.0
Propanoic acid, p...	10.75	21.9	ug/l	460700	3	11.40	1049650	50.0
Butanoic acid, 1-...	11.16	29.1	ug/l	611339	3	11.40	1049650	50.0
Benzene, 1-ethyl-...	12.65	10.2	ug/l	211962	4	13.34	1044240	50.0
Benzene, cyclopro...	13.54	17.0	ug/l	355744	4	13.34	1044240	50.0
Benzene, 1-etheny...	13.99	10.9	ug/l	227778	4	13.34	1044240	50.0
1-Phenyl-1-butene	14.59	10.3	ug/l	215466	4	13.34	1044240	50.0