

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111319\
 Data File : VN059211.D
 Acq On : 13 Nov 2019 15:58
 Operator : JC/SP
 Sample : K5814-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 40189

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\82N110619W.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	1.998	60	70	79	rVB2	18606	28423	1.36%	0.179%
2	2.166	107	122	132	rBV	61918	103547	4.96%	0.650%
3	2.786	305	315	328	rVB	29804	56608	2.71%	0.356%
4	3.539	537	549	563	rVB3	9460	21168	1.01%	0.133%
5	3.789	608	627	644	rBV2	14497	39840	1.91%	0.250%
6	4.031	685	702	722	rBV2	40285	117055	5.61%	0.735%
7	4.400	802	817	833	rVB4	8073	23354	1.12%	0.147%
8	5.011	981	1007	1031	rBV4	36508	137720	6.60%	0.865%
9	5.921	1268	1290	1316	rVB3	27190	94001	4.50%	0.590%
10	7.564	1783	1801	1813	rBV2	266529	670374	32.10%	4.211%
11	7.641	1813	1825	1847	rVB	502488	1181162	56.57%	7.419%
12	8.005	1920	1938	1963	rBV	317431	750969	35.96%	4.717%
13	8.210	1981	2002	2025	rVB3	91950	247166	11.84%	1.552%
14	8.564	2094	2112	2136	rBV	708313	1507386	72.19%	9.468%
15	9.503	2391	2404	2423	rVB2	31517	65771	3.15%	0.413%
16	9.638	2427	2446	2462	rBV2	43733	102281	4.90%	0.642%
17	10.079	2569	2583	2596	rBV	1131832	2088136	100.00%	13.115%
18	10.143	2596	2603	2619	rVB	54612	102707	4.92%	0.645%
19	10.278	2629	2645	2666	rBV2	33798	138840	6.65%	0.872%
20	11.403	2980	2995	3014	rBV	959843	1706033	81.70%	10.715%
21	11.943	3145	3163	3180	rBV	596686	1021162	48.90%	6.414%
22	12.400	3292	3305	3325	rBV	738901	1254844	60.09%	7.881%
23	12.686	3385	3394	3400	rBV2	55435	86403	4.14%	0.543%
24	12.734	3400	3409	3426	rVB	238507	388368	18.60%	2.439%
25	12.892	3445	3458	3474	rBV	271944	456866	21.88%	2.870%
26	13.236	3558	3565	3574	rVB2	26025	39276	1.88%	0.247%
27	13.345	3587	3599	3606	rBV	785841	1449526	69.42%	9.104%
28	13.512	3642	3651	3655	rBV2	58725	87281	4.18%	0.548%
29	13.545	3656	3661	3666	rVV2	92209	138631	6.64%	0.871%
30	13.583	3666	3673	3686	rVB2	175348	286619	13.73%	1.800%
31	13.676	3695	3702	3712	rVB2	22781	33175	1.59%	0.208%
32	13.741	3713	3722	3733	rVB	51577	85289	4.08%	0.536%
33	13.892	3759	3769	3780	rBV	122103	191955	9.19%	1.206%
34	13.998	3793	3802	3812	rVB3	77410	126402	6.05%	0.794%

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Integration Parameters: RTEINT.P

Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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

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Title : SW846 8260

35	14.130	3834	3843	3853	rBV2	57140	90138	4.32%	0.566%
36	14.213	3860	3869	3874	rBV	80403	120688	5.78%	0.758%
37	14.252	3874	3881	3889	rVB	129299	186666	8.94%	1.172%
38	14.300	3890	3896	3902	rBV2	39617	53663	2.57%	0.337%
39	14.593	3975	3987	3999	rBV5	151082	331329	15.87%	2.081%
40	14.657	3999	4007	4018	rVV4	41146	78898	3.78%	0.496%
41	14.860	4063	4070	4075	rBV5	51981	88748	4.25%	0.557%
42	14.959	4093	4101	4113	rVB2	73552	142949	6.85%	0.898%

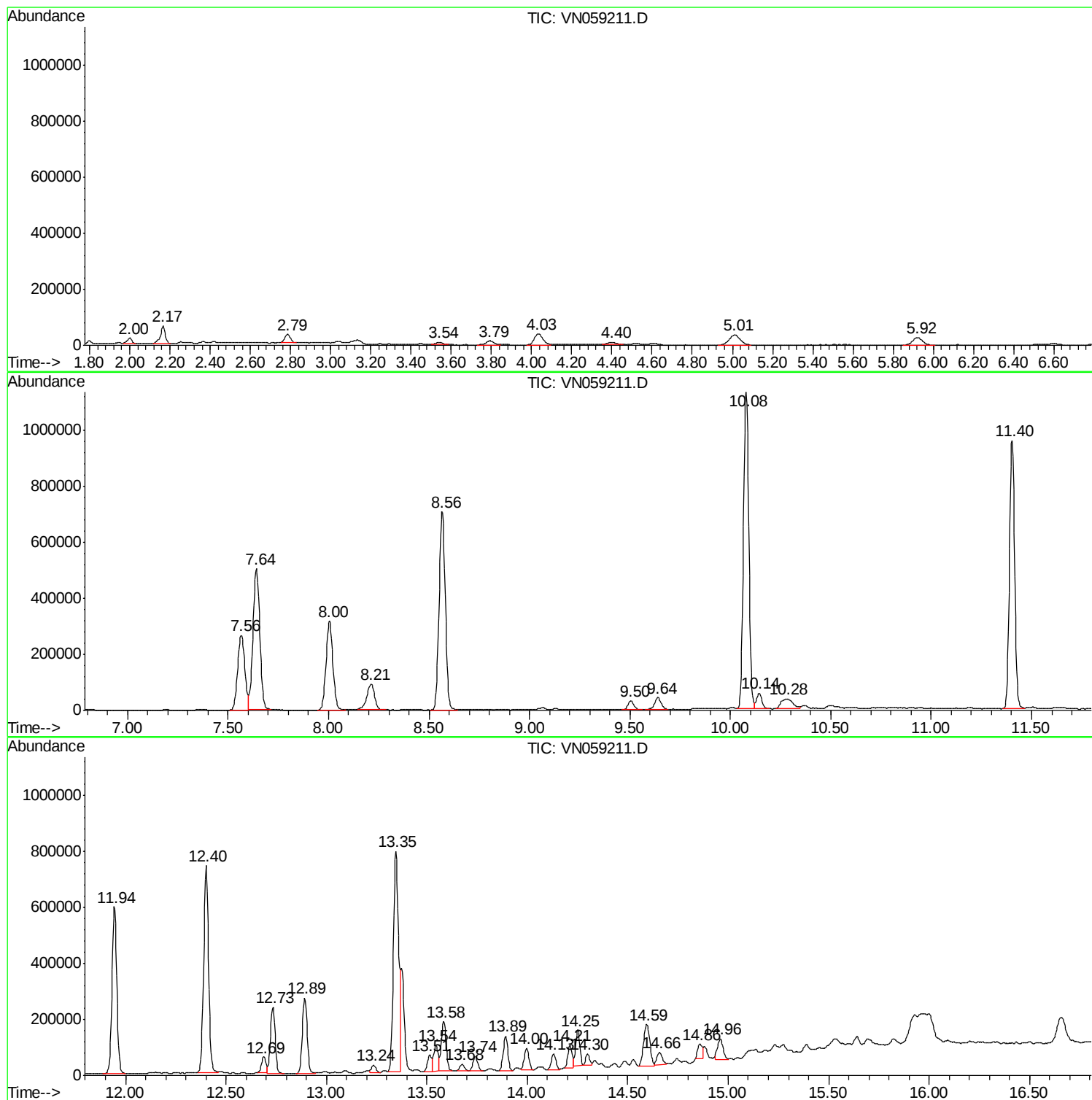
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
Quant Title : SW846 8260

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



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Instrument :
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ClientSampled :
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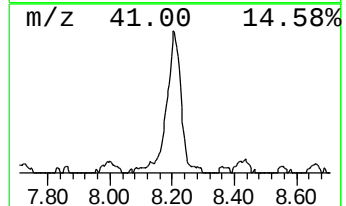
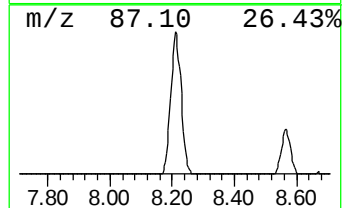
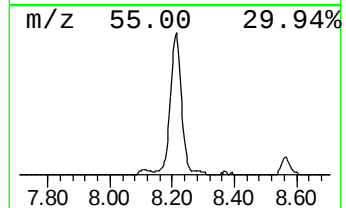
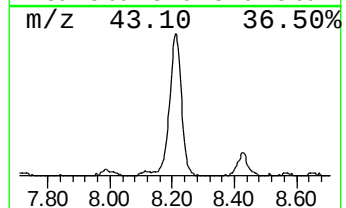
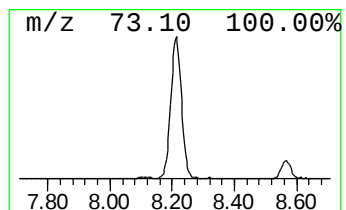
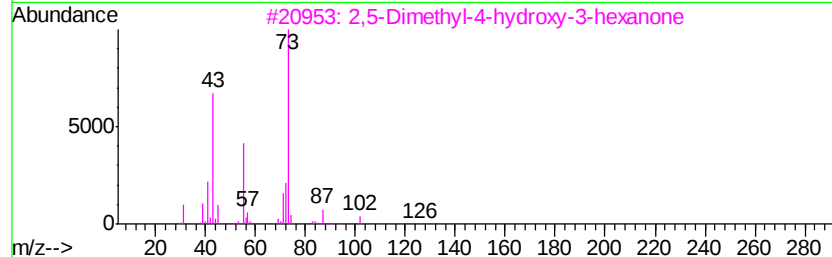
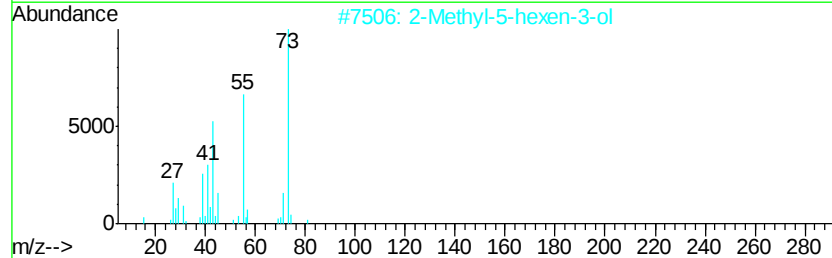
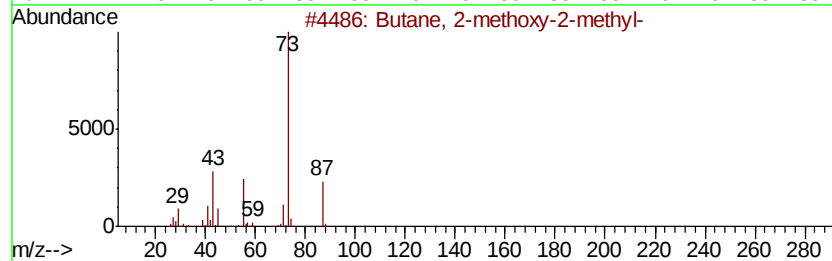
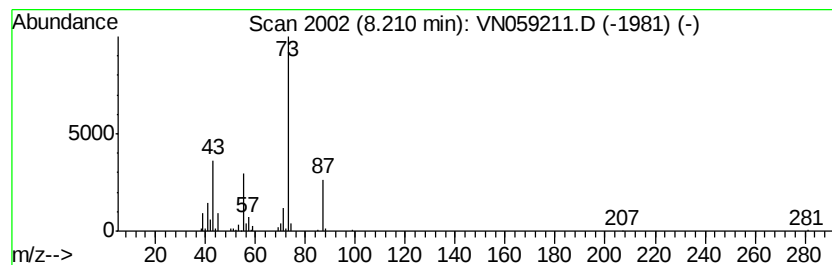
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
Quant Title : SW846 8260

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.21	8.20 ug/l	247166	1,4-Difluorobenzene	8.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	47
3		2,5-Dimethyl-4-hydroxy-3-hexanone	144	C8H16O2	000815-77-0	33
4		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	33
5		3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	32



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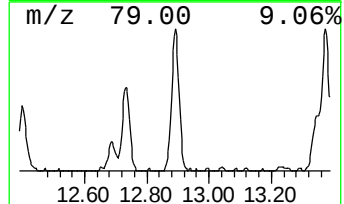
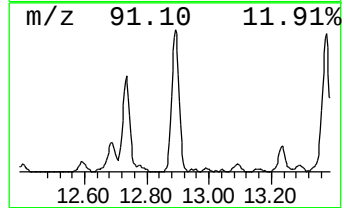
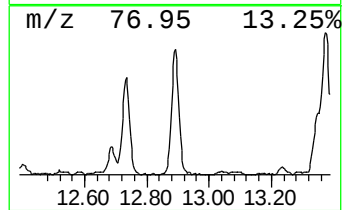
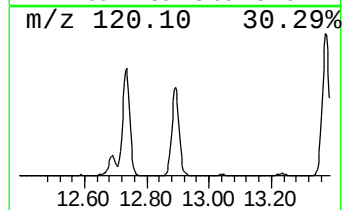
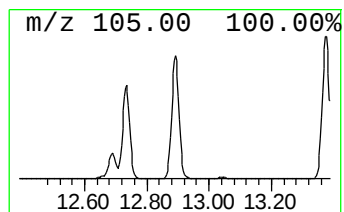
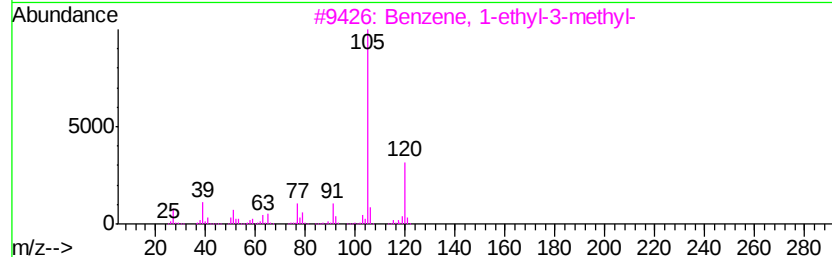
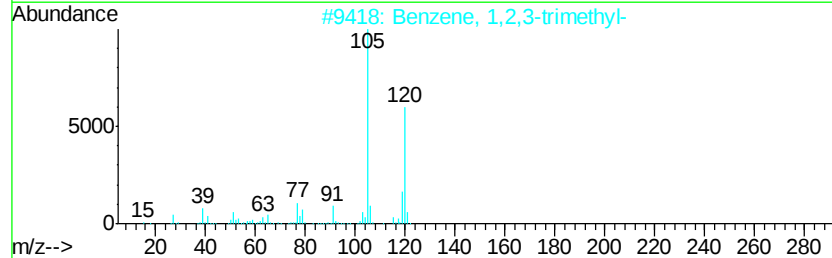
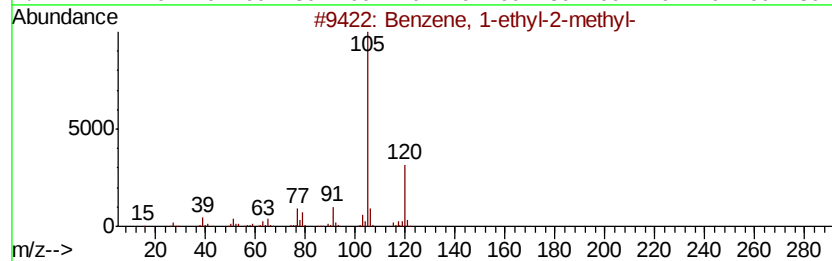
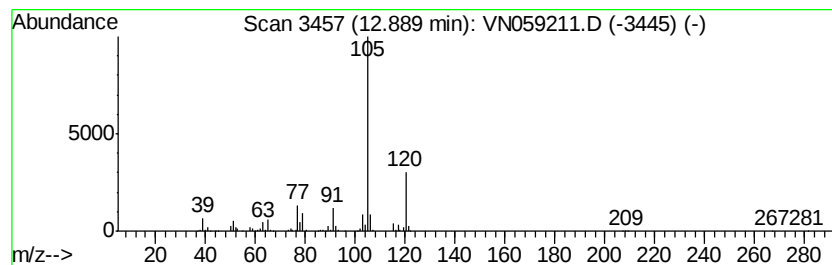
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 Benzene, 1-ethyl-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.89	15.76 ug/l	456866	1,4-Dichlorobenzene-d4	13.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4		Mesitylene	120	C9H12	000108-67-8	91
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91



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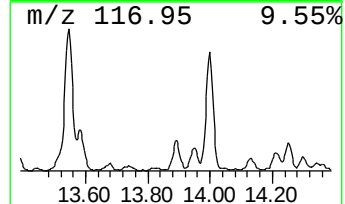
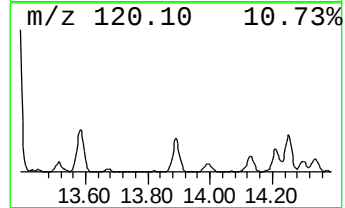
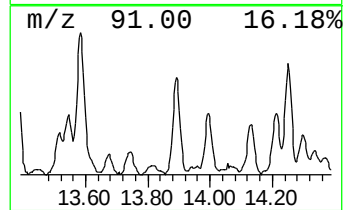
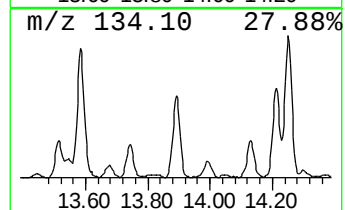
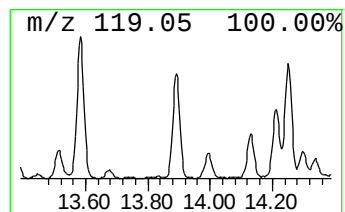
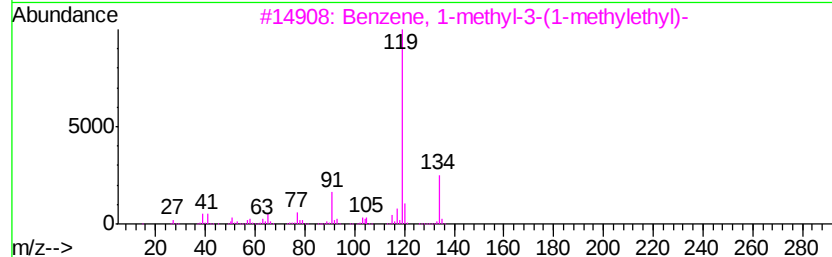
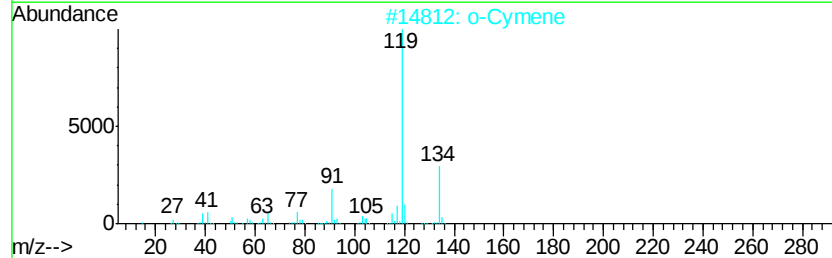
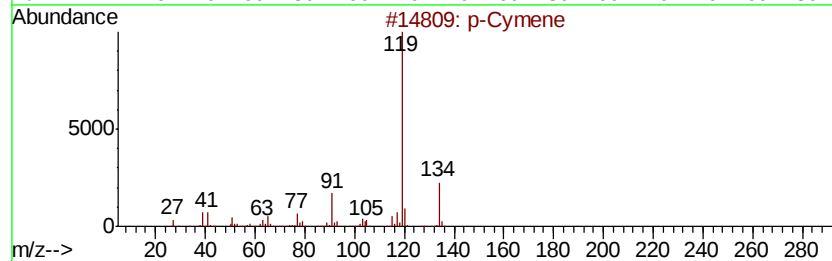
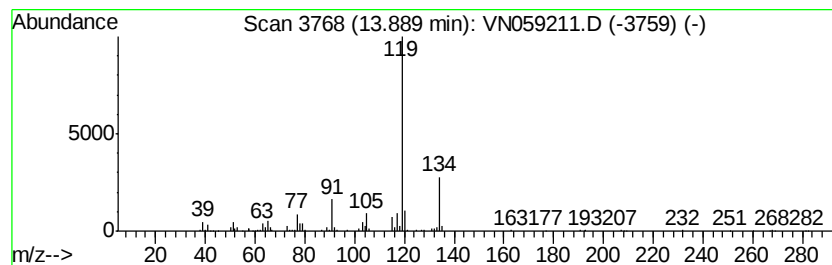
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 p-Cymene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	6.62 ug/l	191955	1,4-Dichlorobenzene-d4	13.35
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	p-Cymene	134 C10H14	000099-87-6	97
2	o-Cymene	134 C10H14	000527-84-4	97
3	Benzene, 1-methyl-3-(1-methylethyl)-	134 C10H14	000535-77-3	95
4	Benzene, 2-ethyl-1,3-dimethyl-	134 C10H14	002870-04-4	95
5	Benzene, 4-ethyl-1,2-dimethyl-	134 C10H14	000934-80-5	95



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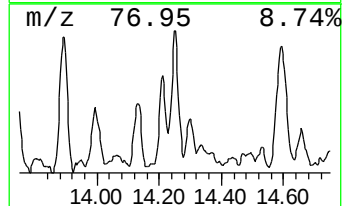
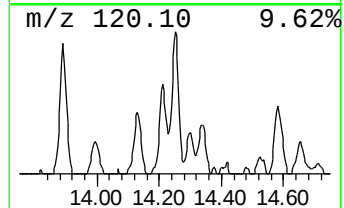
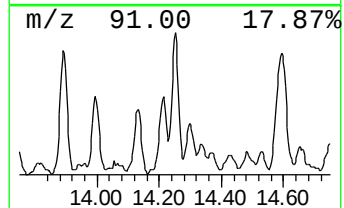
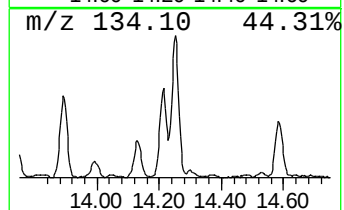
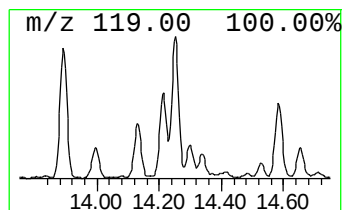
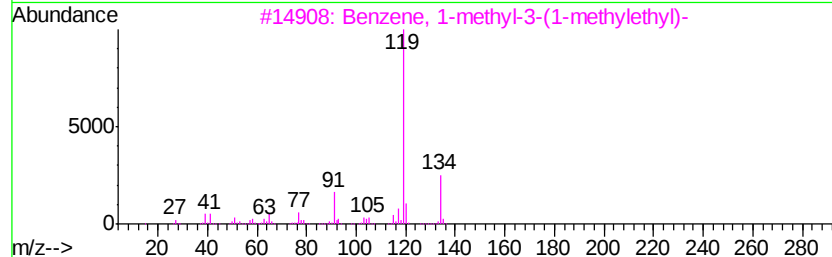
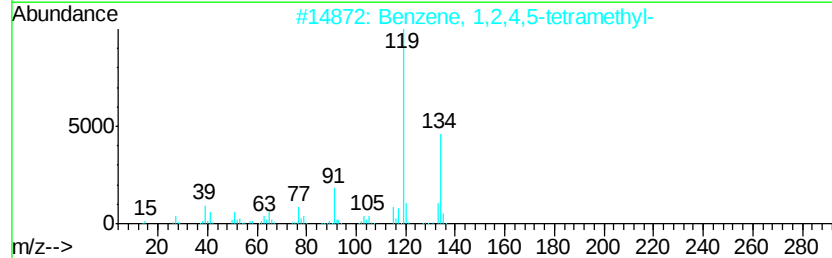
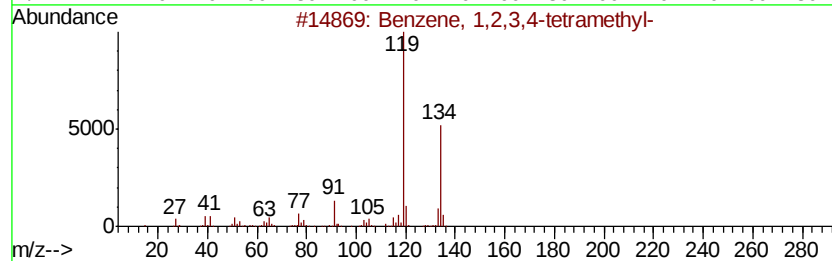
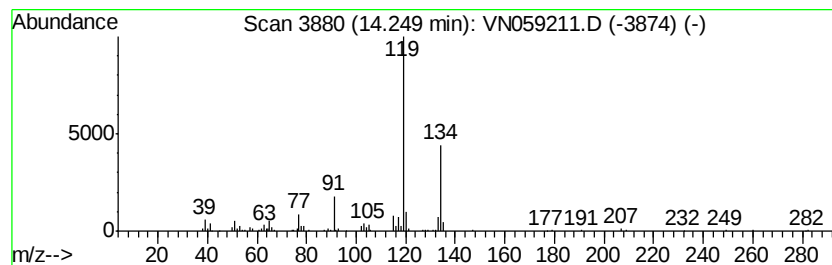
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.25	6.44 ug/l	186666	1,4-Dichlorobenzene-d4	13.35

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
2			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93
3			Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	91
4			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
5			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91



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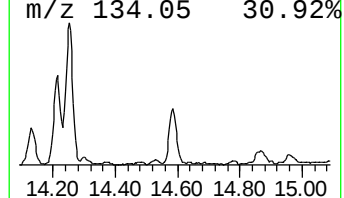
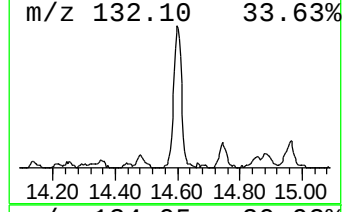
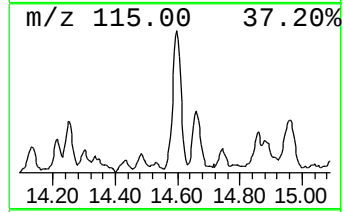
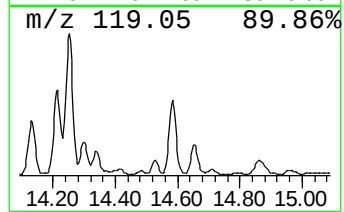
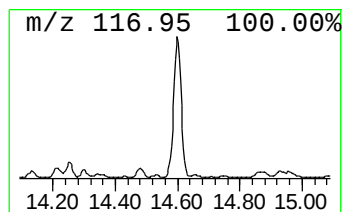
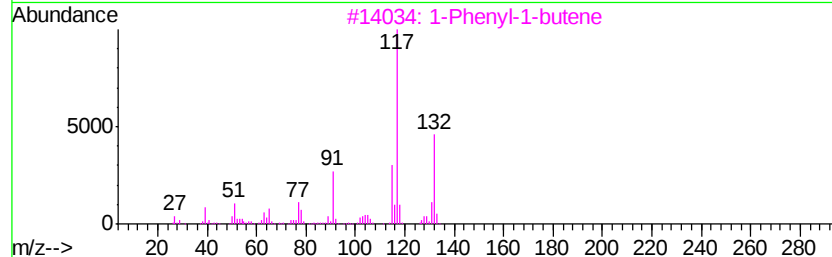
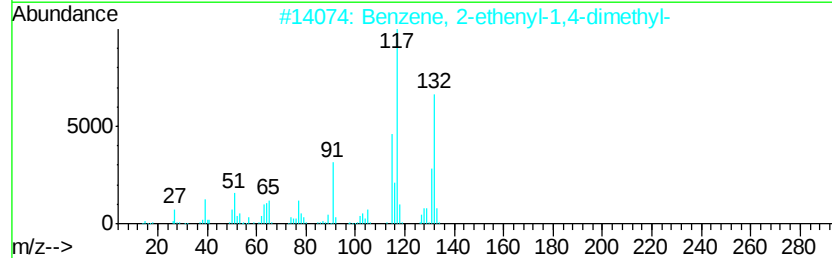
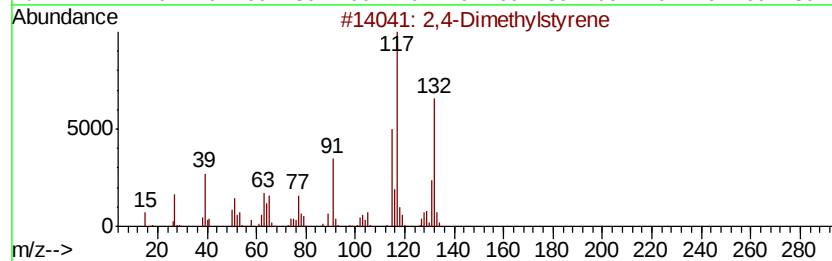
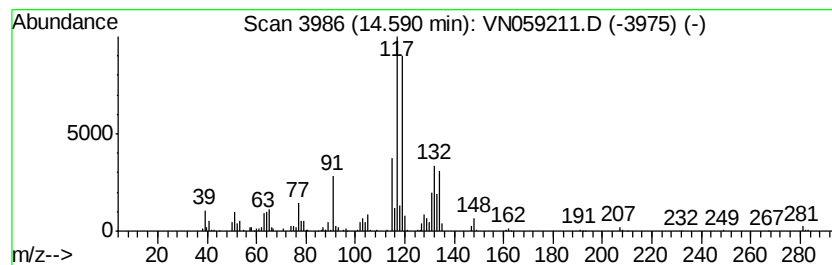
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
Quant Title : SW846 8260

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

Peak Number 5 2,4-Dimethylstyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.59	11.43 ug/l	331329	1,4-Dichlorobenzene-d4	13.35
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2,4-Dimethylstyrene	132 C10H12	002234-20-0	89
2	Benzene, 2-ethenyl-1,4-dimethyl-	132 C10H12	002039-89-6	89
3	1-Phenyl-1-butene	132 C10H12	000824-90-8	70
4	1H-Indene, 2,3-dihydro-5-methyl-	132 C10H12	000874-35-1	64
5	3-Phenylbut-1-ene	132 C10H12	000934-10-1	64



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN111319\
Data File : VN059211.D
Acq On : 13 Nov 2019 15:58
Operator : JC/SP
Sample : K5814-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
40189

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.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
Butane, 2-methoxy...	8.21	8.2	ug/l	247166	2	8.56	1507390	50.0
Benzene, 1-ethyl-...	12.89	15.8	ug/l	456866	4	13.35	1449530	50.0
p-Cymene	13.89	6.6	ug/l	191955	4	13.35	1449530	50.0
Benzene, 1,2,3,4-...	14.25	6.4	ug/l	186666	4	13.35	1449530	50.0
2,4-Dimethylstyrene	14.59	11.4	ug/l	331329	4	13.35	1449530	50.0