LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080218\
Data File : VN050296.D
Acq On : 3 Aug 2018 5:27
Operator : MD\SY
Sample : J4303-01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-A05

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

Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.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	1.664	9	23	49	rBV	2489000	3791673	97.28%	13.881%
2	1.773	49	57	71	rBV	48233	85165	2.19%	0.312%
3	1.995	117	126	135	rBV2	42761	82618	2.12%	0.302%
4	4.066	752	770	791	rBV2	13576	53875	1.38%	0.197%
5	7.593	1847	1867	1879	rBV	552170	1393333	35.75%	5.101%
6	7.667	1879	1890	1912	rVB	777963	1844196	47.32%	6.751%
7	8.030	1984	2003	2030	rBV	555564	1303877	33.45%	4.773%
8	8.233	2037	2066	2068	rBV2	170330	598220	15.35%	2.190%
9	8.586	2160	2176	2212	rVB	1189742	2496231	64.05%	9.139%
10	10.094	2628	2645	2676	rBV	2082884	3897593	100.00%	14.269%
11	11.410	3038	3054	3074	rBV	1564337	2727580	69.98%	9.985%
12	11.657	3120	3131	3144	rBV8	21419	46798	1.20%	0.171%
13	11.918	3199	3212	3222	rBV8	17775	46763	1.20%	0.171%
14	12.120	3266	3275	3284	rVB5	25973	45733	1.17%	0.167%
15	12.252	3308	3316	3326	rVB	45091	79468	2.04%	0.291%
16	12.403	3350	3363	3378	rBV	1337944	2292384	58.82%	8.392%
17	12.477	3378	3386	3397	rVV5	28589	58246	1.49%	0.213%
18	12.593	3399	3422	3432	rVB2	53080	134422	3.45%	0.492%
19	12.728	3455	3464	3476	rVB9	23703	46472	1.19%	0.170%
20	13.171	3590	3602	3610	rBV3	54785	116364	2.99%	0.426%
21	13.345	3643	3656	3670	rBV	1422942	2314785	59.39%	8.474%
22	13.445	3681	3687	3700	rVV3	24249	40264	1.03%	0.147%
23	13.516	3700	3709	3713	rVV	86880	136171	3.49%	0.499%
24	13.544	3714	3718	3729	rVB2	89676	130609	3.35%	0.478%
25	13.673	3747	3758	3769	rVB3	95420	169018	4.34%	0.619%
26	13.892	3815	3826	3835	rBV	157162	252401	6.48%	0.924%
27	13.946	3835	3843	3848	rBV2	28506	43189	1.11%	0.158%
28	13.995	3849	3858	3867	rVV3	167644	270392	6.94%	0.990%
29	14.133	3894	3901	3908	rBV2	33831	48287	1.24%	0.177%
30	14.213	3909	3926	3939	rVB3	145331	325580	8.35%	1.192%
31	14.294	3942	3951	3958	rBV4	30096	53054	1.36%	0.194%
32	14.422	3982	3991	4000	rVB3	41486	80466	2.06%	0.295%
33	14.480	4001	4009	4019	rBV4	31040	54011	1.39%	0.198%
34	14.586	4031	4042	4055	rBV4	297404	572662	14.69%	2.096%

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Integrator: RTE
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Title : SW846 8260

35	14.657	4056	4064	4073	rVB4	33175	57979	1.49%	0.212%
36	14.782	4096	4103	4110	rBV8	22121	42033	1.08%	0.154%
37	14.853	4117	4125	4131	rBV4	59418	90042	2.31%	0.330%
38	14.888	4131	4136	4148	rVV3	45707	83396	2.14%	0.305%
39	14.956	4149	4157	4172	rVB3	94454	195000	5.00%	0.714%
40	15.094	4195	4200	4213	rVB4	29003	46491	1.19%	0.170%
41	15.191	4220	4230	4239	rBV2	102856	177718	4.56%	0.651%
42	15.265	4241	4253	4273	rVB4	88666	244968	6.29%	0.897%
43	15.413	4291	4299	4311	rVB7	17925	39202	1.01%	0.144%
44	15.615	4357	4362	4379	rVB7	53517	95562	2.45%	0.350%
45	15.705	4382	4390	4401	rVB4	28381	50413	1.29%	0.185%
46	15.914	4441	4455	4470	rBV3	110186	230367	5.91%	0.843%
47	16.104	4507	4514	4524	rVB4	42115	74301	1.91%	0.272%
48	16.168	4526	4534	4558	rVB8	44336	135184	3.47%	0.495%
49	16.355	4580	4592	4605	rBV4	47959	120918	3.10%	0.443%

Sum of corrected areas: 27315474

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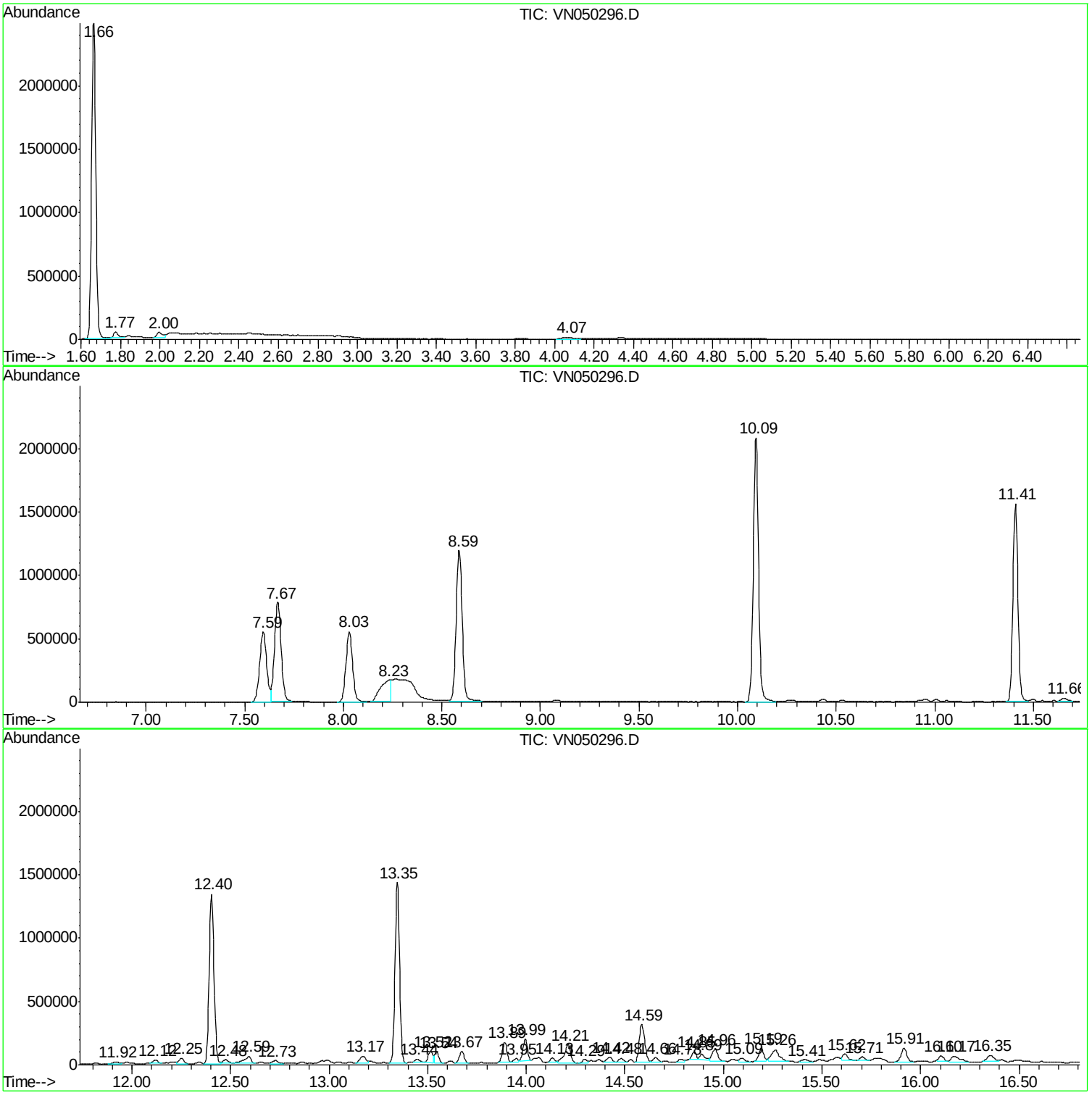
Instrument : MSVOA_N
ClientSampleId : MW-A05

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Quant Title : SW846 8260

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



Library Search Compound Report

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Instrument : MSVOA_N
ClientSampleId : MW-A05

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Quant Title : SW846 8260

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

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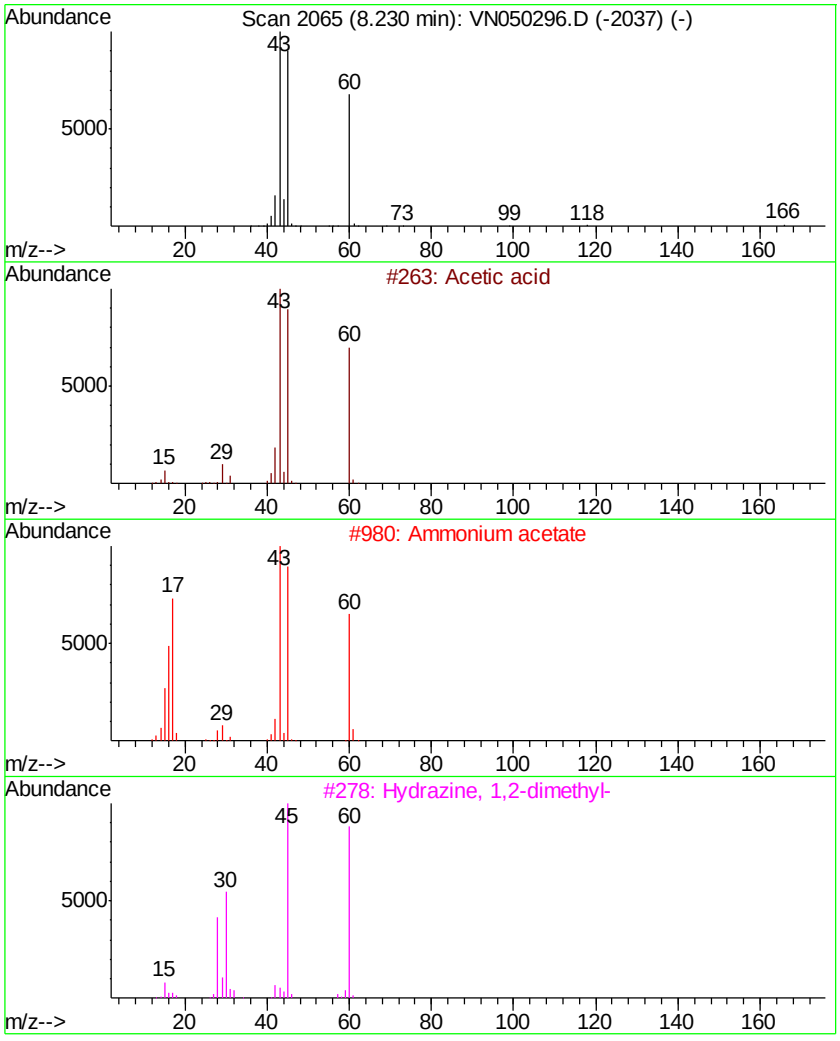
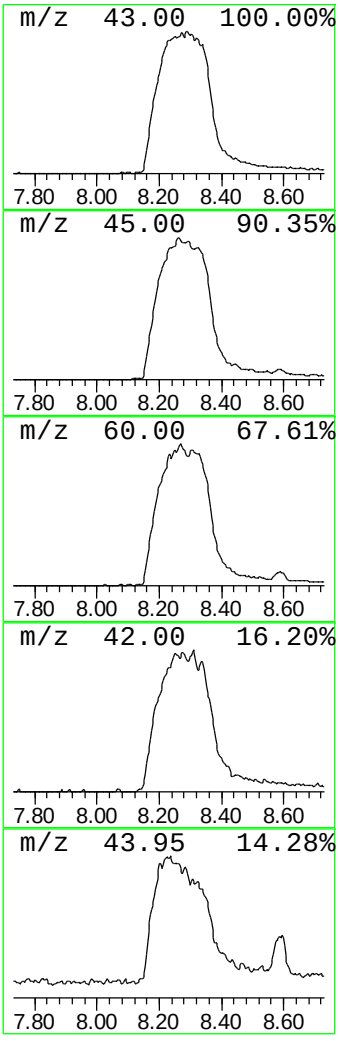
Peak Number 2 Acetic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.23	11.98 ug/l	598220	1,4-Difluorobenzene	8.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid	60	C2H4O2	000064-19-7	90
2	Ammonium acetate	77	C2H7NO2	000631-61-8	64
3	Hydrazine, 1,2-dimethyl-	60	C2H8N2	000540-73-8	50
4	Hydrazine, 1,1-dimethyl-	60	C2H8N2	000057-14-7	9
5	Thiirane	60	C2H4S	000420-12-2	9





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ClientSampleId : MW-A05

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
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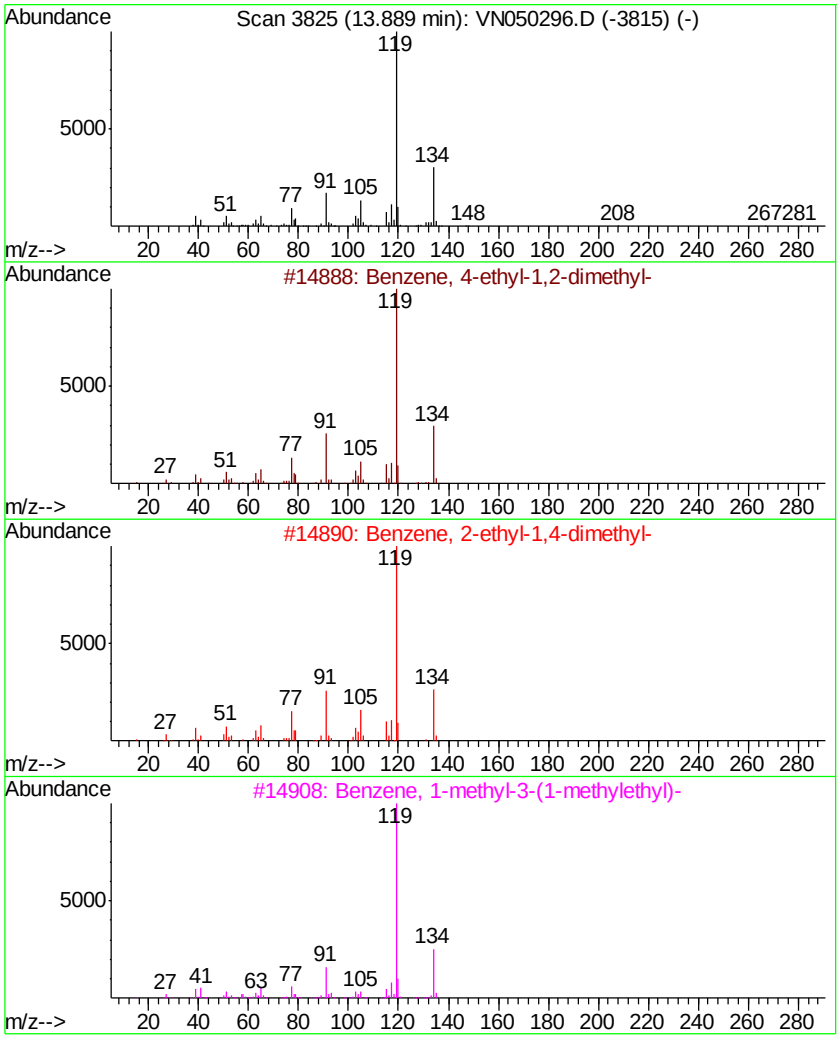
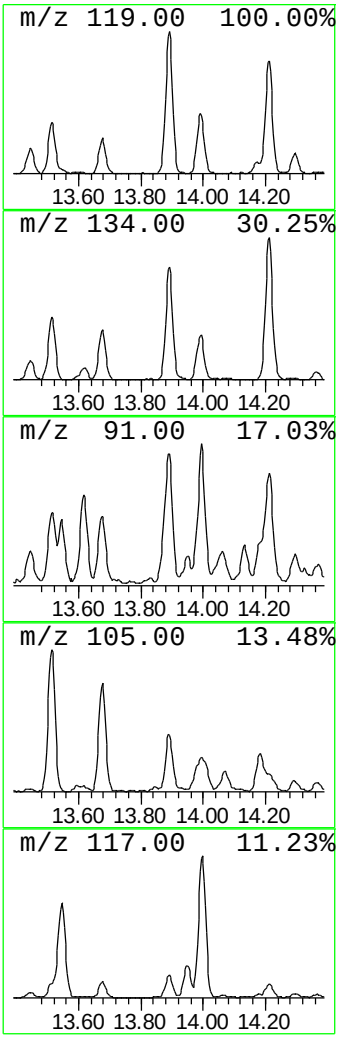
Peak Number 3 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	5.45 ug/l	252401	1,4-Dichlorobenzene-d4	13.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
4	p-Cymene	134	C10H14	000099-87-6	95
5	o-Cymene	134	C10H14	000527-84-4	95





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Instrument : MSVOA_N
ClientSampleId : MW-A05

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
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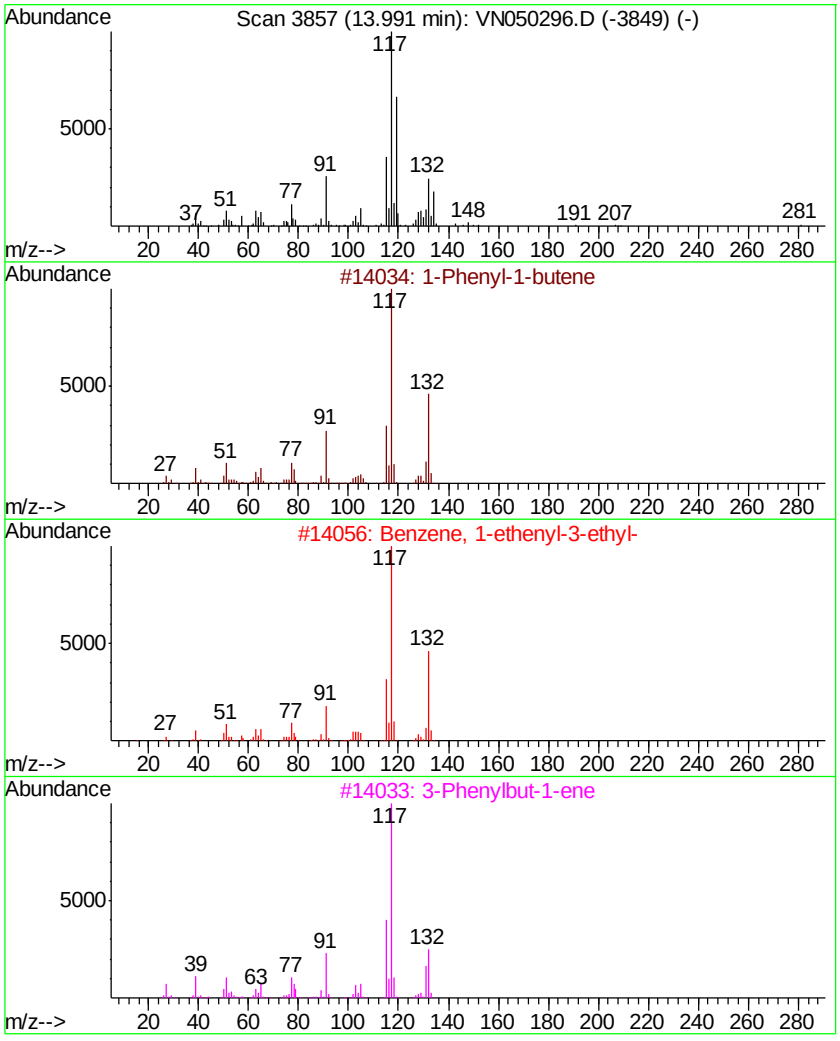
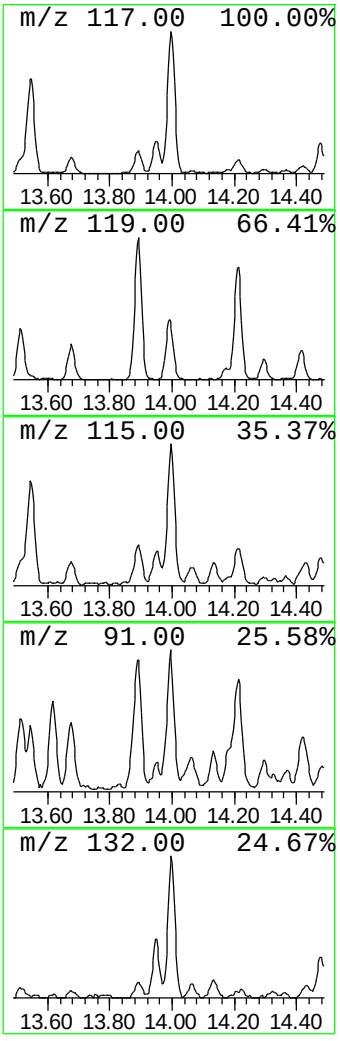
Peak Number 4 1-Phenyl-1-butene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.99	5.84 ug/l	270392	1,4-Dichlorobenzene-d4	13.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	70
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	70
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	70
4	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	64
5	Indan, 1-methyl-	132	C10H12	000767-58-8	64





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Quant Title : SW846 8260

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

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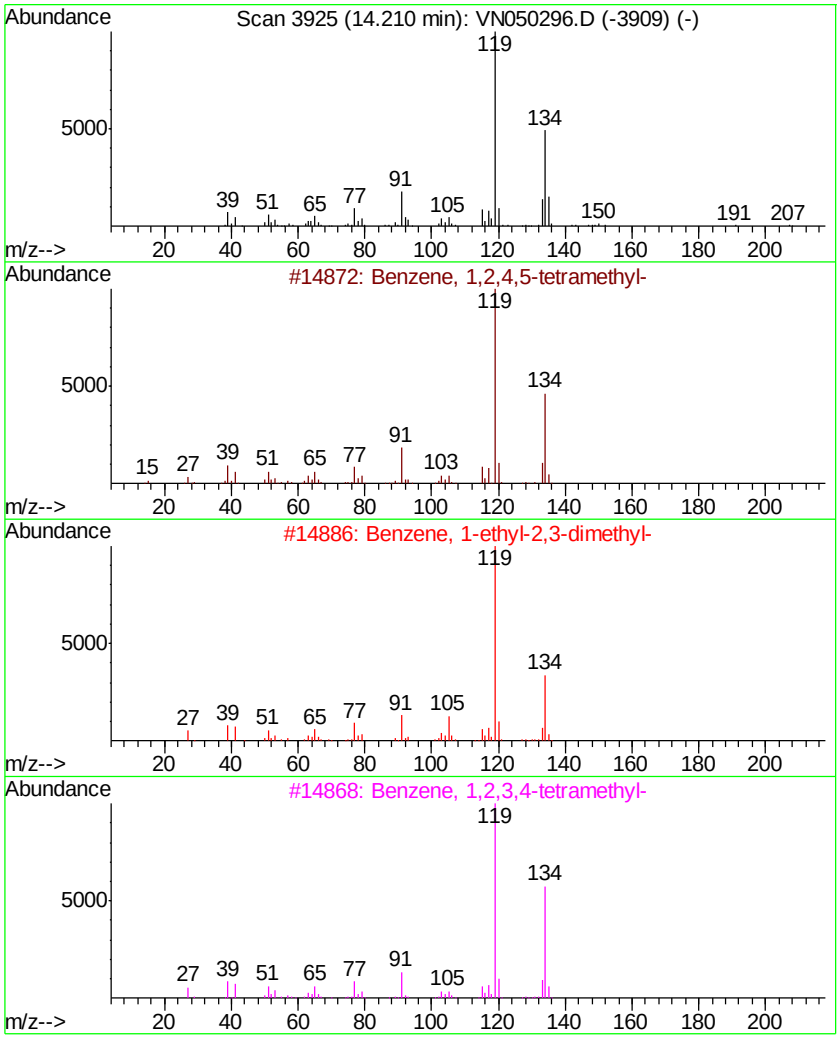
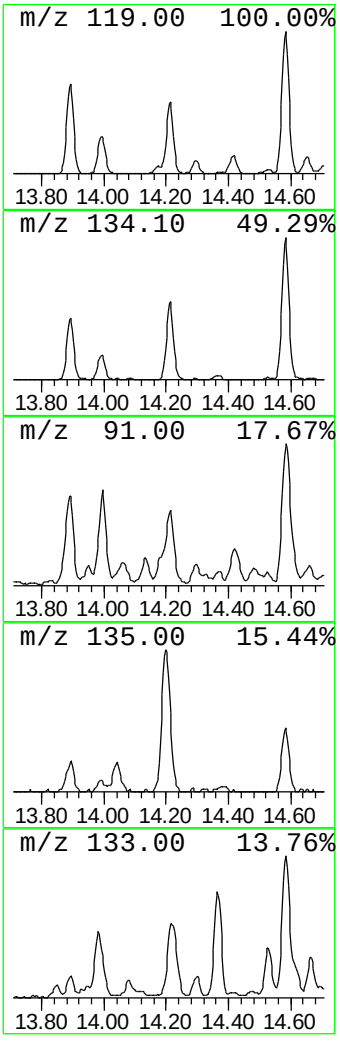
Peak Number 5 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	7.03 ug/l	325580	1,4-Dichlorobenzene-d4	13.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
5	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	91





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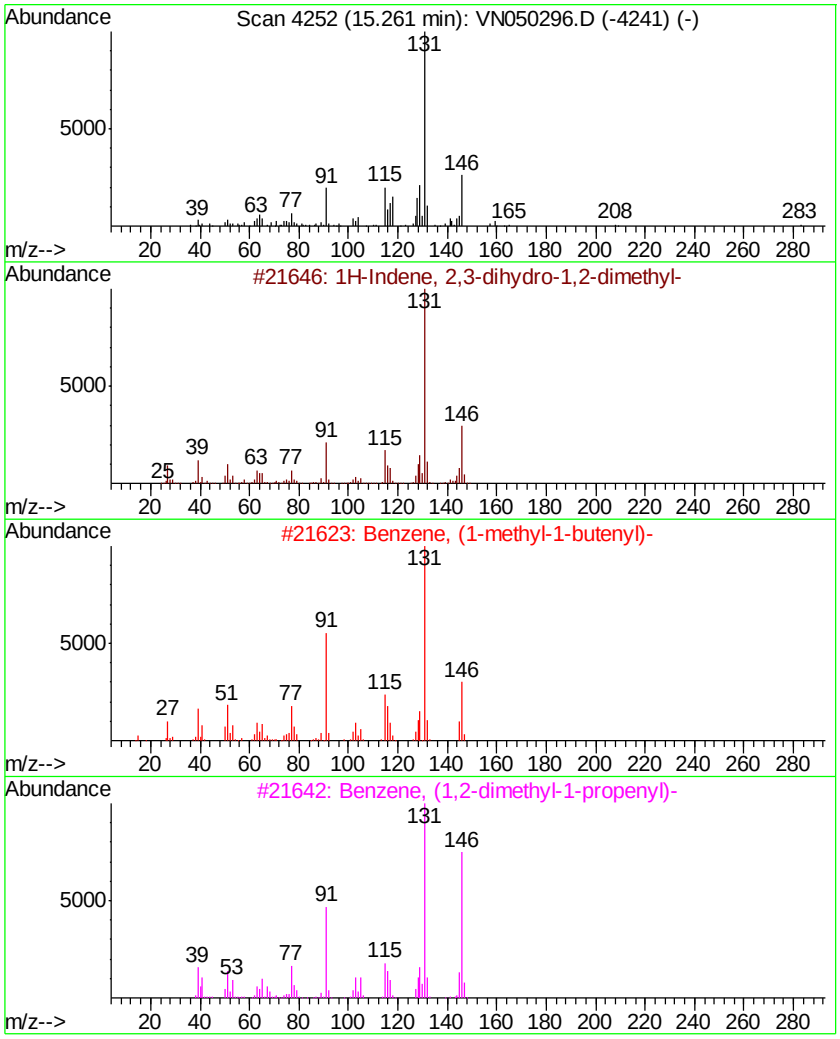
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

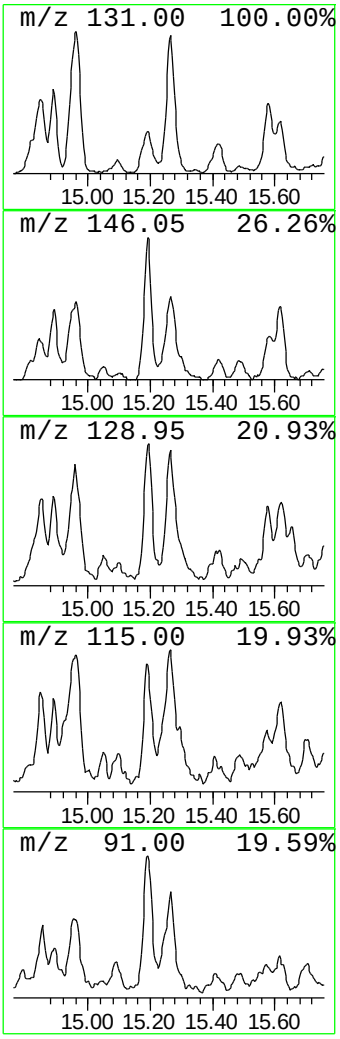
****

Peak Number 7 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.26	5.29 ug/l	244968	1,4-Dichlorobenzene-d4	13.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	87
2	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	87
3	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	86
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	80
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	74





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Acetic acid	8.23	12.0	ug/l	598220	2	8.59	2496230	50.0
Benzene, 4-ethyl-...	13.89	5.5	ug/l	252401	4	13.35	2314790	50.0
1-Phenyl-1-butene	13.99	5.8	ug/l	270392	4	13.35	2314790	50.0
Benzene, 1,2,4,5-...	14.21	7.0	ug/l	325580	4	13.35	2314790	50.0
1H-Indene, 2,3-di...	15.26	5.3	ug/l	244968	4	13.35	2314790	50.0