LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112420\
Data File : VN064804.D
Acq On : 24 Nov 2020 12:38
Operator : JC/MD
Sample : L4829-18
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-3

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\82N112320W.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	4.544	834	872	918	rBV6	62430	348240	2.48%	0.385%
2	5.000	990	1014	1042	rBV2	77113	275550	1.97%	0.304%
3	6.473	1452	1472	1488	rBV3	45972	146514	1.05%	0.162%
4	6.579	1489	1505	1523	rVB3	83560	253081	1.81%	0.280%
5	7.550	1784	1807	1814	rBV2	122591	316657	2.26%	0.350%
6	7.704	1843	1855	1877	rVB2	194125	528716	3.77%	0.584%
7	7.836	1878	1896	1910	rBV3	158467	392691	2.80%	0.434%
8	8.000	1927	1947	1967	rBV3	613821	1548254	11.05%	1.710%
9	8.126	1969	1986	1992	rBV6	173993	453179	3.23%	0.501%
10	8.547	2100	2117	2139	rBV2	417188	972961	6.94%	1.075%
11	9.013	2246	2262	2266	rBV4	125121	249381	1.78%	0.275%
12	9.331	2343	2361	2374	rBV3	60276	145347	1.04%	0.161%
13	9.486	2398	2409	2428	rVB3	168225	344617	2.46%	0.381%
14	9.621	2444	2451	2466	rVB2	201948	436796	3.12%	0.482%
15	9.833	2498	2517	2525	rBV7	59616	204712	1.46%	0.226%
16	10.058	2574	2587	2599	rBV2	679280	1375755	9.82%	1.519%
17	10.122	2600	2607	2618	rVB	279554	491437	3.51%	0.543%
18	10.492	2710	2722	2738	rVB5	257132	561410	4.01%	0.620%
19	11.380	2986	2998	3015	rBV	571869	1015155	7.24%	1.121%
20	11.482	3016	3030	3048	rVV	7583257	13060236	93.18%	14.425%
21	11.598	3055	3066	3085	rVB	1544629	2635103	18.80%	2.910%
22	11.920	3156	3166	3185	rVB	637986	1100536	7.85%	1.216%
23	12.222	3249	3260	3271	rBV	429784	689975	4.92%	0.762%
24	12.373	3295	3307	3318	rBV	517067	1008427	7.20%	1.114%
25	12.563	3356	3366	3378	rBV	790938	1237635	8.83%	1.367%
26	12.659	3388	3396	3406	rVB	344369	554522	3.96%	0.612%
27	12.865	3446	3460	3475	rBV	1302517	2187752	15.61%	2.416%
28	13.013	3491	3506	3520	rBV	8644812	14015463	100.00%	15.480%
29	13.138	3531	3545	3559	rBV6	149331	411728	2.94%	0.455%
30	13.264	3576	3584	3590	rBV2	90682	144414	1.03%	0.160%
31	13.318	3591	3601	3602	rVV	623664	756147	5.40%	0.835%
32	13.347	3603	3610	3621	rVB	1992857	3211302	22.91%	3.547%
33	13.515	3641	3662	3672	rBV	4596384	8664250	61.82%	9.569%
34	13.566	3672	3678	3694	rVB2	690869	1234342	8.81%	1.363%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112420\
Data File : VN064804.D
Acq On : 24 Nov 2020 12:38
Operator : JC/MD
Sample : L4829-18
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-3

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\82N112320W.M
Title : SW846 8260

35	13.646	3694	3703	3708	rBV	120888	197418	1.41%	0.218%
36	13.695	3709	3718	3733	rVB2	849215	1729746	12.34%	1.910%
37	13.775	3733	3743	3749	rBV2	762279	1290190	9.21%	1.425%
38	13.862	3760	3770	3780	rVB	1072782	1613101	11.51%	1.782%
39	13.920	3780	3788	3794	rVV	229126	348889	2.49%	0.385%
40	13.968	3794	3803	3818	rVV2	1084440	1807351	12.90%	1.996%
41	14.100	3835	3844	3854	rVB2	167545	257032	1.83%	0.284%
42	14.180	3854	3869	3875	rBV	983643	1601672	11.43%	1.769%
43	14.219	3875	3881	3890	rVV	1171187	1821787	13.00%	2.012%
44	14.264	3890	3895	3911	rVB3	205231	341252	2.43%	0.377%
45	14.447	3931	3952	3962	rBV4	1088059	2314677	16.52%	2.557%
46	14.495	3963	3967	3975	rVB2	220237	284955	2.03%	0.315%
47	14.563	3975	3988	4000	rBV3	1174748	2466605	17.60%	2.724%
48	14.627	4000	4008	4019	rVB4	325516	544747	3.89%	0.602%
49	14.711	4024	4034	4043	rBV	418939	689063	4.92%	0.761%
50	14.820	4050	4068	4087	rBV5	646340	1950307	13.92%	2.154%
51	14.929	4089	4102	4123	rVB3	575448	1266581	9.04%	1.399%
52	15.100	4135	4155	4169	rBV	2860718	5097435	36.37%	5.630%
53	15.203	4176	4187	4197	rBV3	282026	557830	3.98%	0.616%
54	15.257	4197	4204	4230	rVB2	143007	296478	2.12%	0.327%
55	15.383	4230	4243	4262	rBV	329274	638042	4.55%	0.705%
56	15.543	4276	4293	4309	rBV3	191309	563332	4.02%	0.622%
57	15.662	4320	4330	4339	rBV2	109169	207877	1.48%	0.230%
58	15.730	4341	4351	4362	rVB4	126853	276490	1.97%	0.305%
59	16.119	4461	4472	4496	rVB	201438	450834	3.22%	0.498%
60	16.309	4516	4531	4550	rVB	434532	954775	6.81%	1.055%

Sum of corrected areas: 90540751

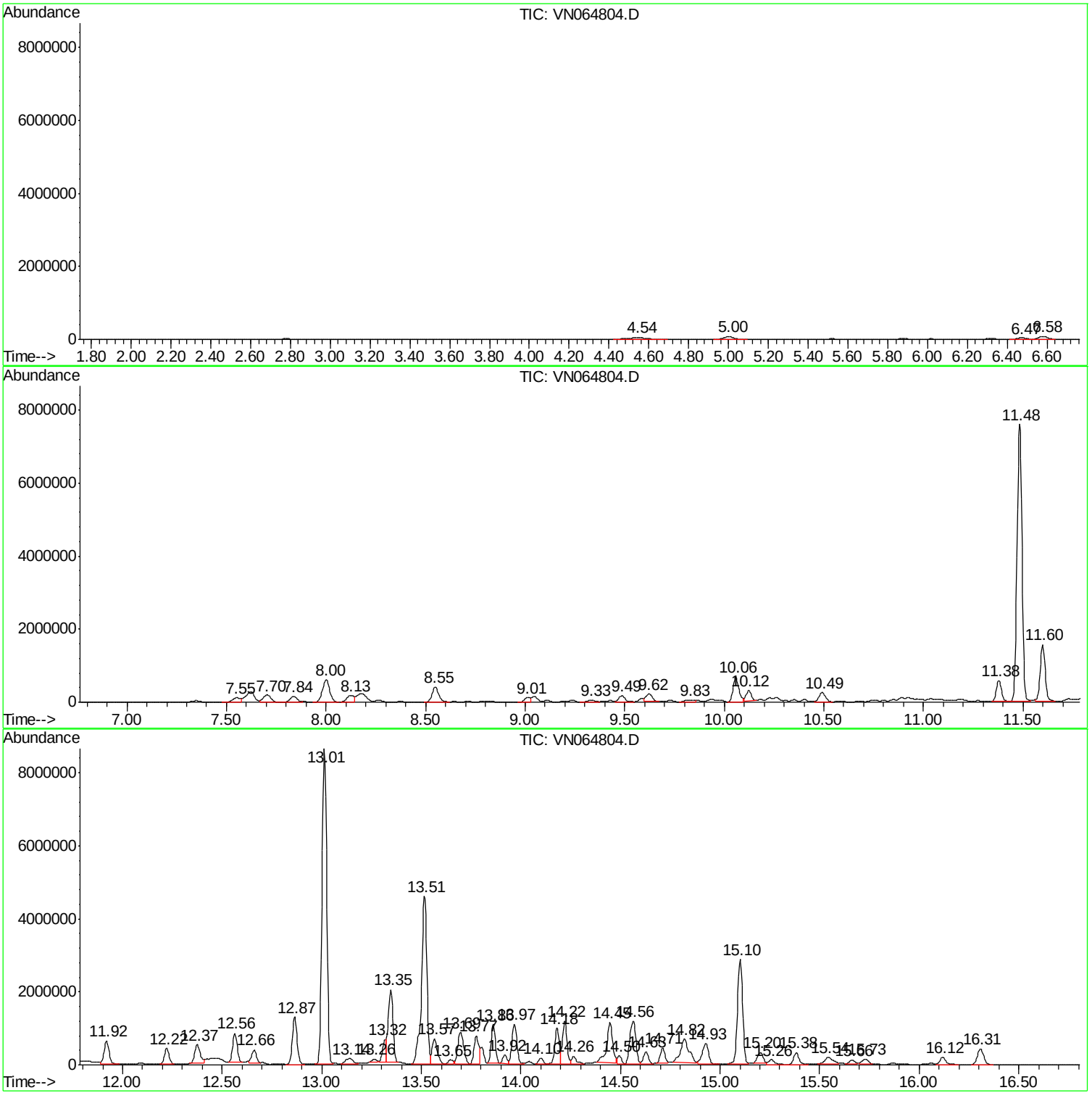
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112420\
Data File : VN064804.D
Acq On : 24 Nov 2020 12:38
Operator : JC/MD
Sample : L4829-18
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
Quant Title : SW846 8260

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112420\
Data File : VN064804.D
Acq On : 24 Nov 2020 12:38
Operator : JC/MD
Sample : L4829-18
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
Quant Title : SW846 8260

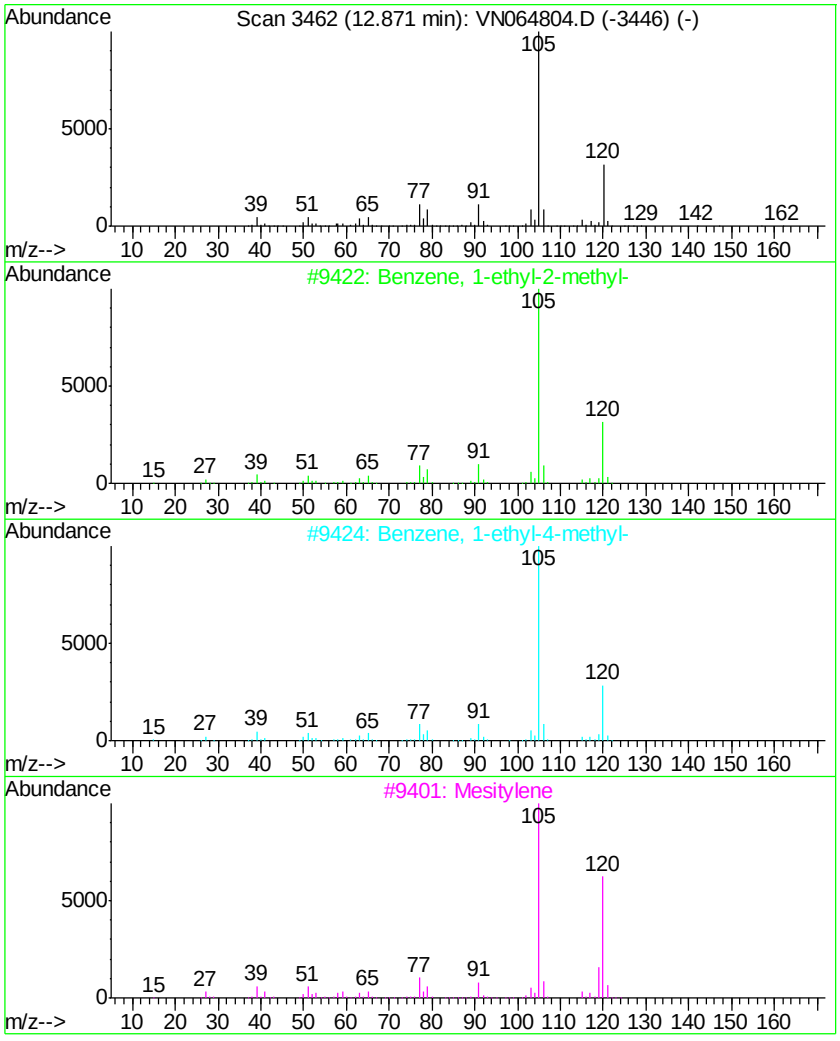
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

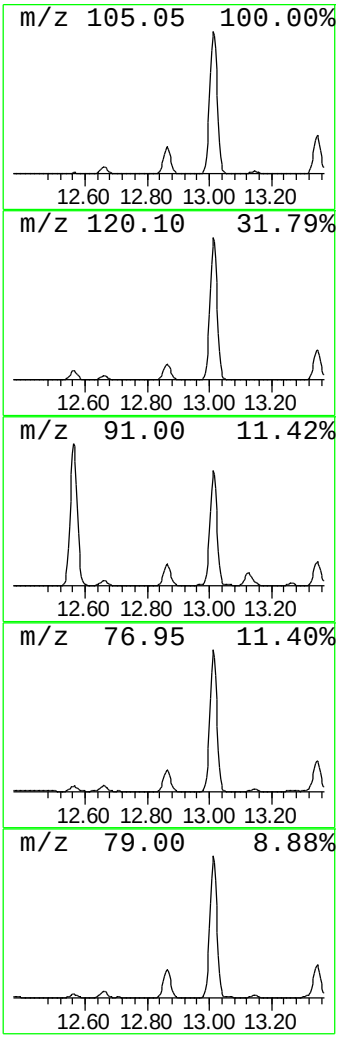
****

Peak Number 1 Benzene, 1-ethyl-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	144.66 ug/l	2187750	1,4-Dichlorobenzene-d4	13.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112420\
Data File : VN064804.D
Acq On : 24 Nov 2020 12:38
Operator : JC/MD
Sample : L4829-18
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
Quant Title : SW846 8260

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

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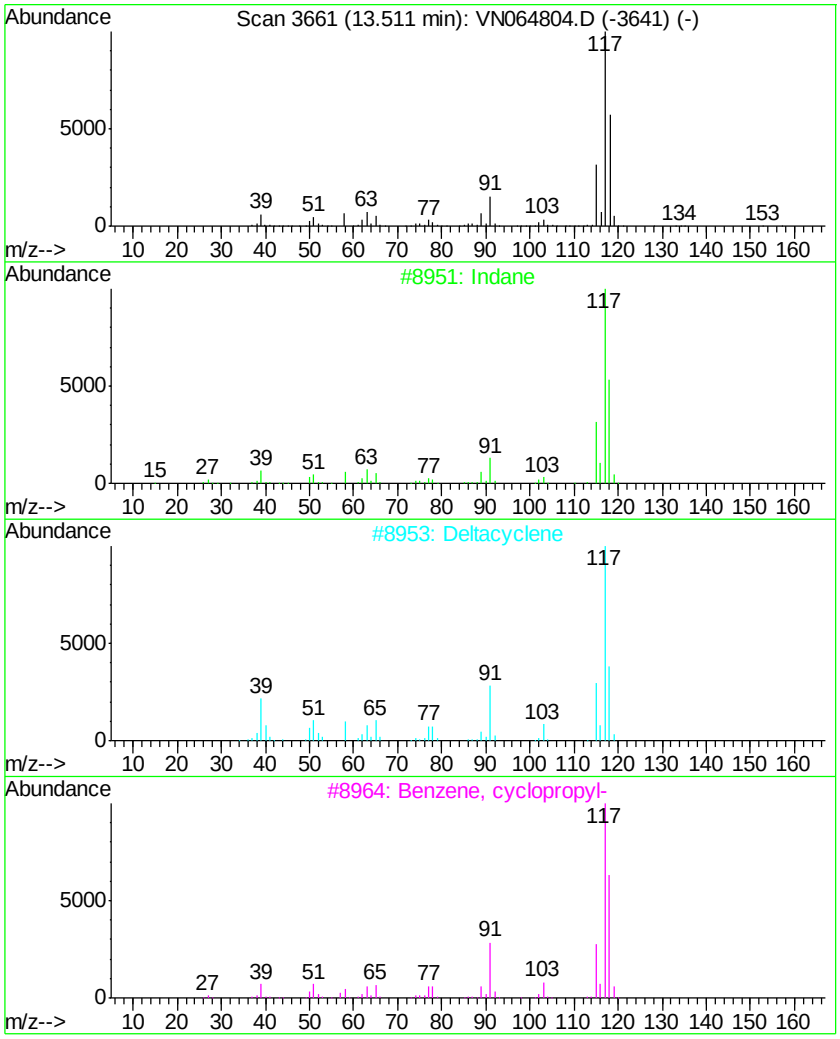
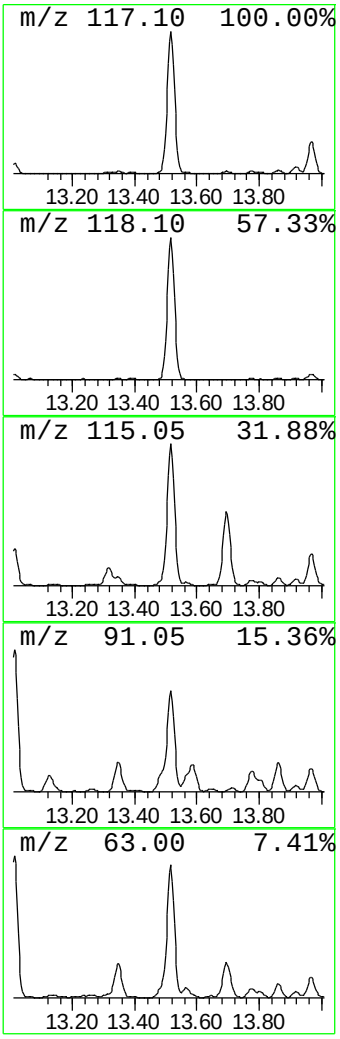
Peak Number 2 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.51	572.92 ug/l	8664250	1,4-Dichlorobenzene-d4	13.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	91
2	Deltacyclene	118	C9H10	007785-10-6	72
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64
5	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112420\
Data File : VN064804.D
Acq On : 24 Nov 2020 12:38
Operator : JC/MD
Sample : L4829-18
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
Quant Title : SW846 8260

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

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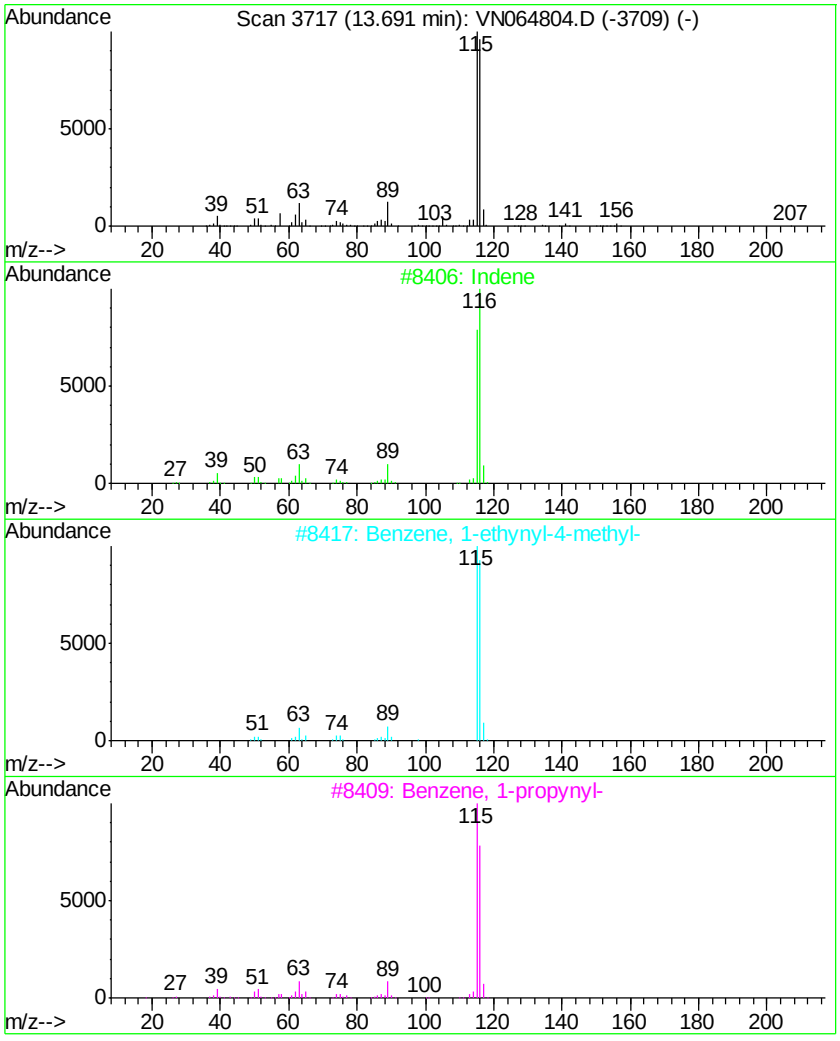
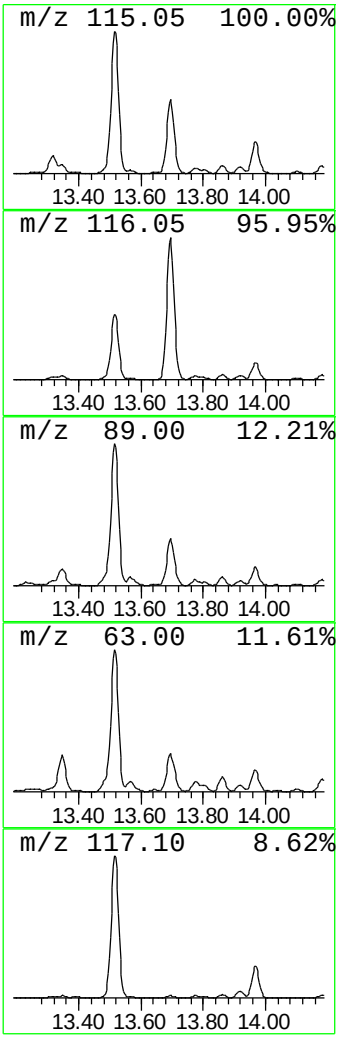
Peak Number 3 Benzene, 1-ethynyl-4-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.69	114.38 ug/l	1729750	1,4-Dichlorobenzene-d4	13.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	90
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	90
4	3-Methylphenylacetylene	116	C9H8	000766-82-5	90
5	2-Methylphenylacetylene	116	C9H8	000766-47-2	87





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112420\
Data File : VN064804.D
Acq On : 24 Nov 2020 12:38
Operator : JC/MD
Sample : L4829-18
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
Quant Title : SW846 8260

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

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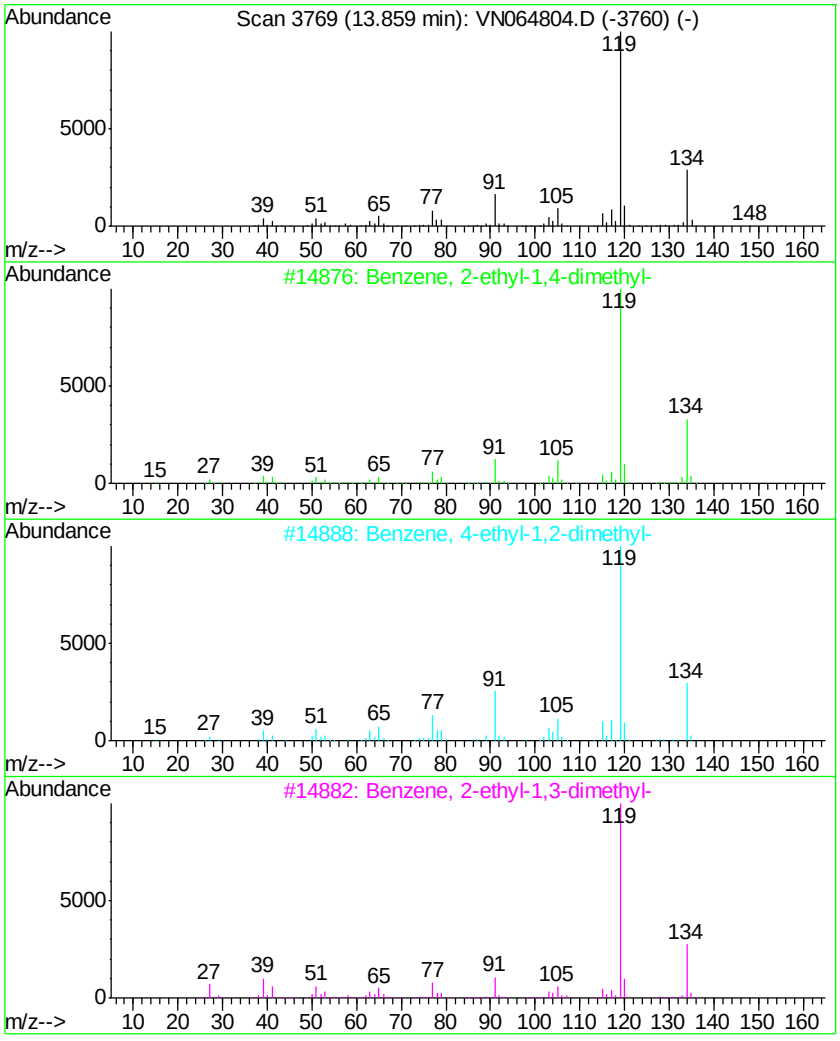
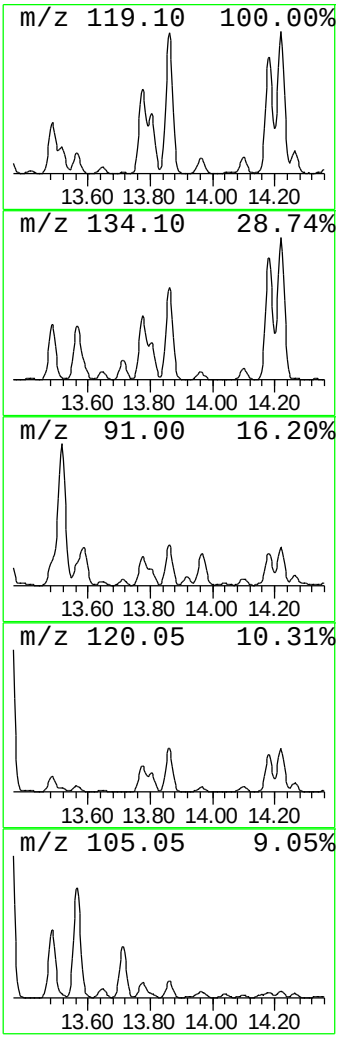
Peak Number 4 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	106.67 ug/l	1613100	1,4-Dichlorobenzene-d4	13.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	97
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112420\
Data File : VN064804.D
Acq On : 24 Nov 2020 12:38
Operator : JC/MD
Sample : L4829-18
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
Quant Title : SW846 8260

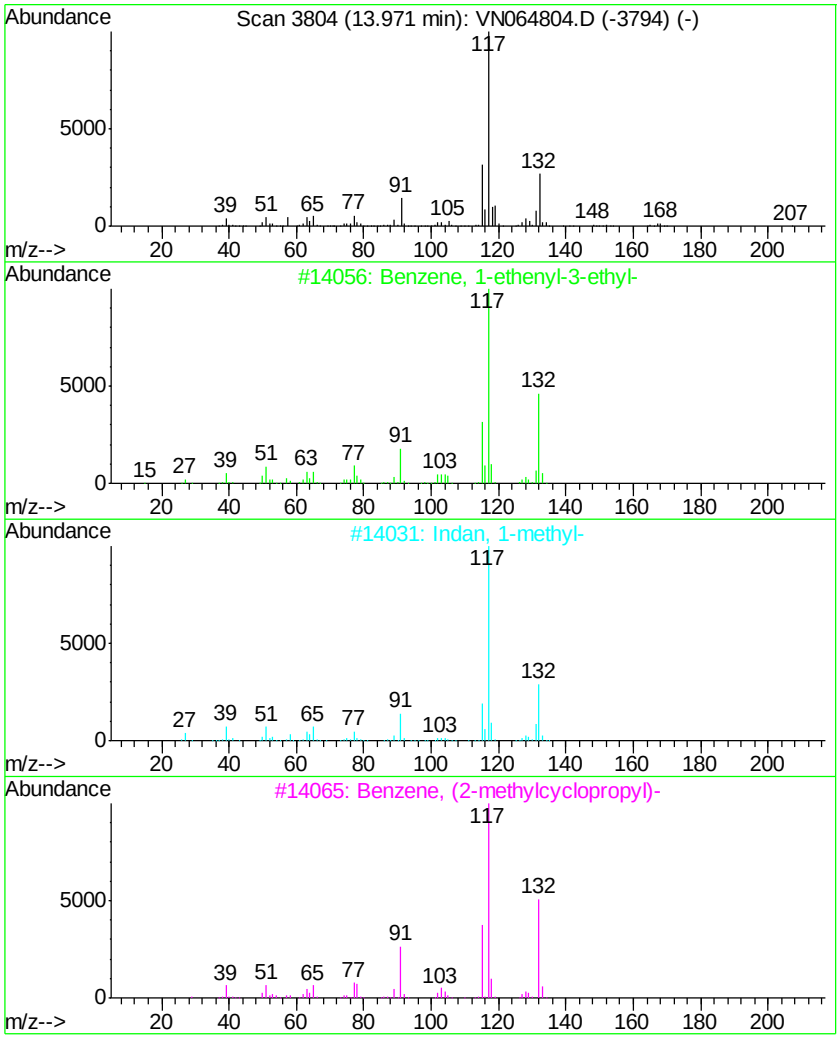
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

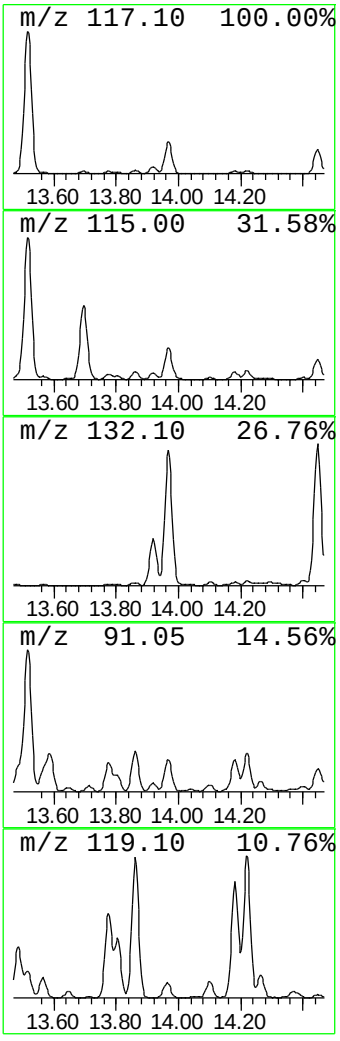
****

Peak Number 5 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	119.51 ug/l	1807350	1,4-Dichlorobenzene-d4	13.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
2	Indan, 1-methyl-	132	C10H12	000767-58-8	87
3	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	83
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	74
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	74





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112420\
Data File : VN064804.D
Acq On : 24 Nov 2020 12:38
Operator : JC/MD
Sample : L4829-18
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
Quant Title : SW846 8260

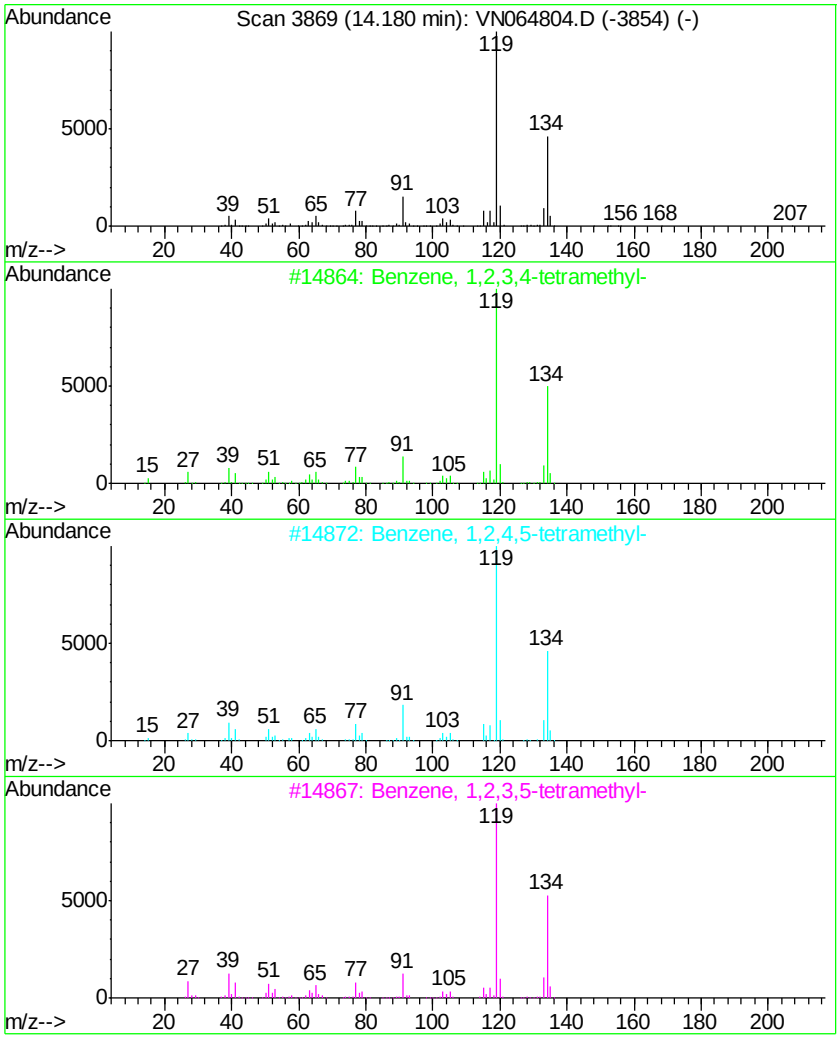
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

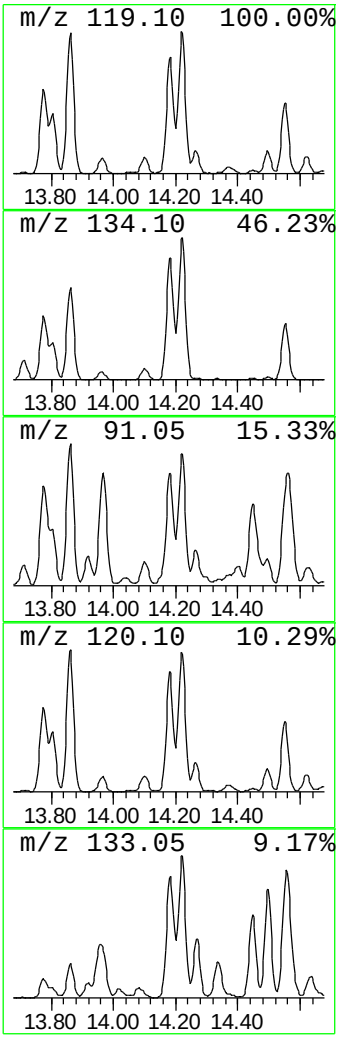
****

Peak Number 6 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.18	105.91 ug/l	1601670	1,4-Dichlorobenzene-d4	13.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112420\
Data File : VN064804.D
Acq On : 24 Nov 2020 12:38
Operator : JC/MD
Sample : L4829-18
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
Quant Title : SW846 8260

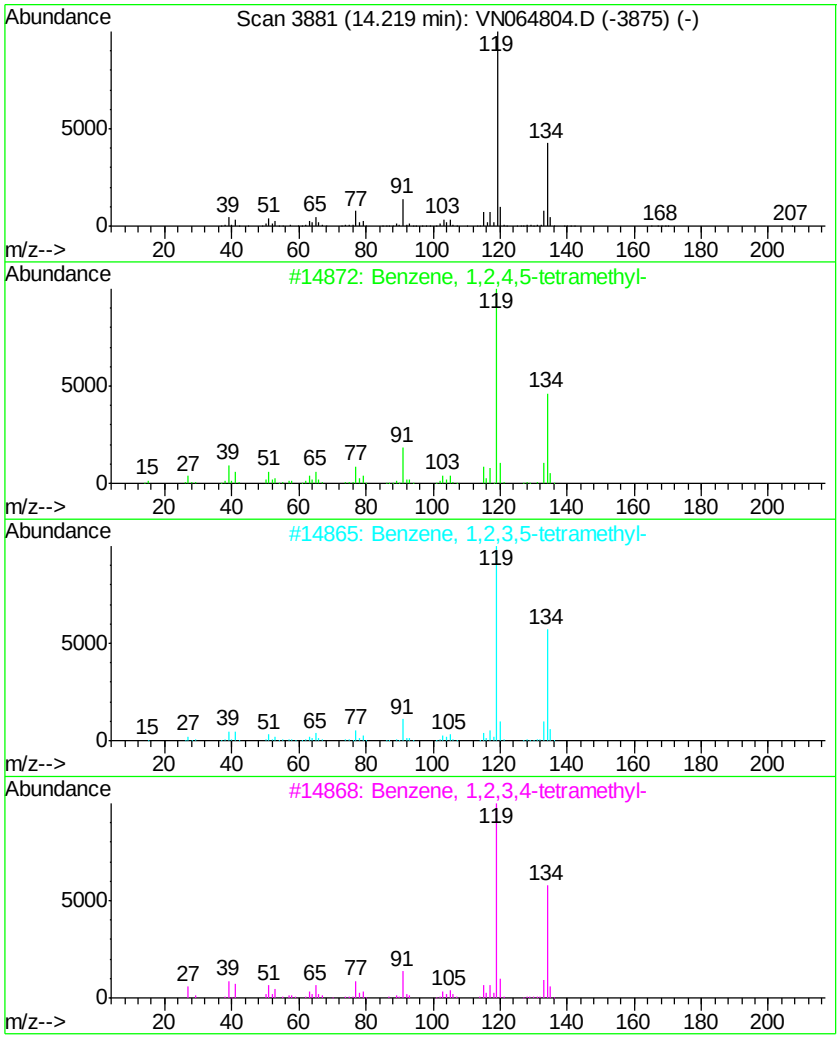
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

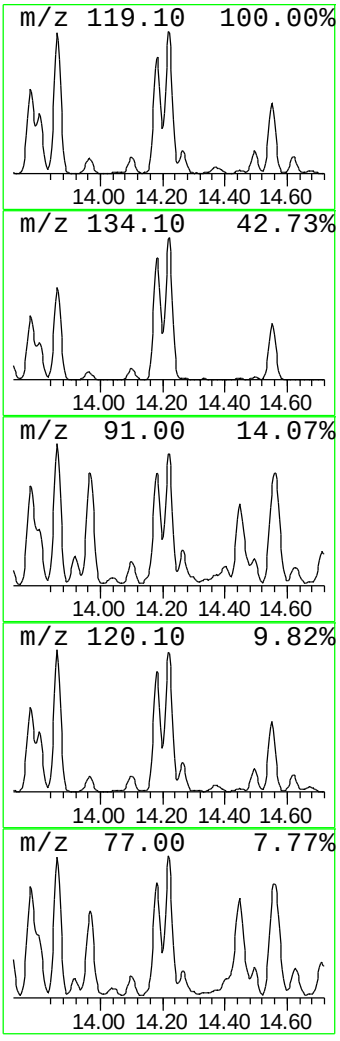
****

Peak Number 7 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.22	120.47 ug/l	1821790	1,4-Dichlorobenzene-d4	13.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
4	o-Cymene	134	C10H14	000527-84-4	94
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112420\
Data File : VN064804.D
Acq On : 24 Nov 2020 12:38
Operator : JC/MD
Sample : L4829-18
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
Quant Title : SW846 8260

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

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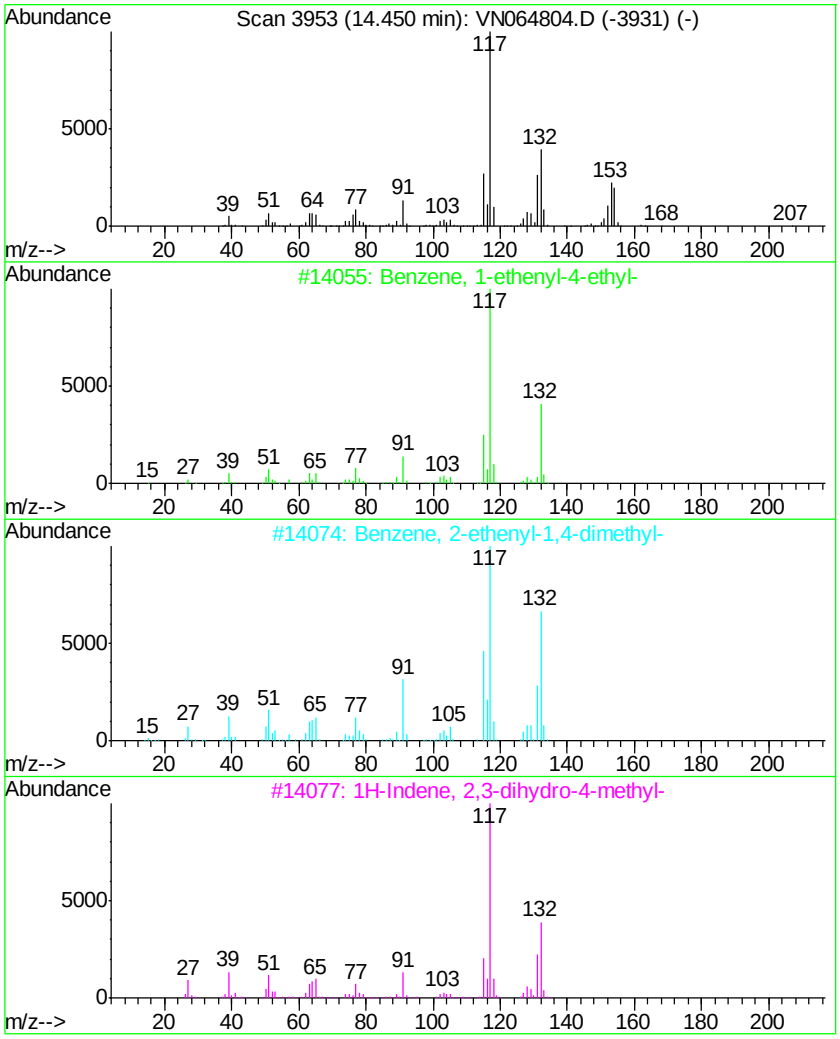
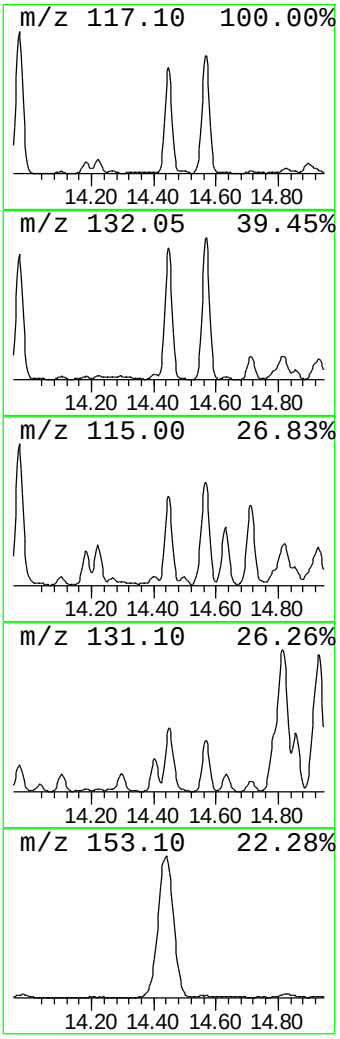
Peak Number 8 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.45	153.06 ug/l	2314680	1,4-Dichlorobenzene-d4	13.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	92
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	90
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	89
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	70
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	70





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112420\
Data File : VN064804.D
Acq On : 24 Nov 2020 12:38
Operator : JC/MD
Sample : L4829-18
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
Quant Title : SW846 8260

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

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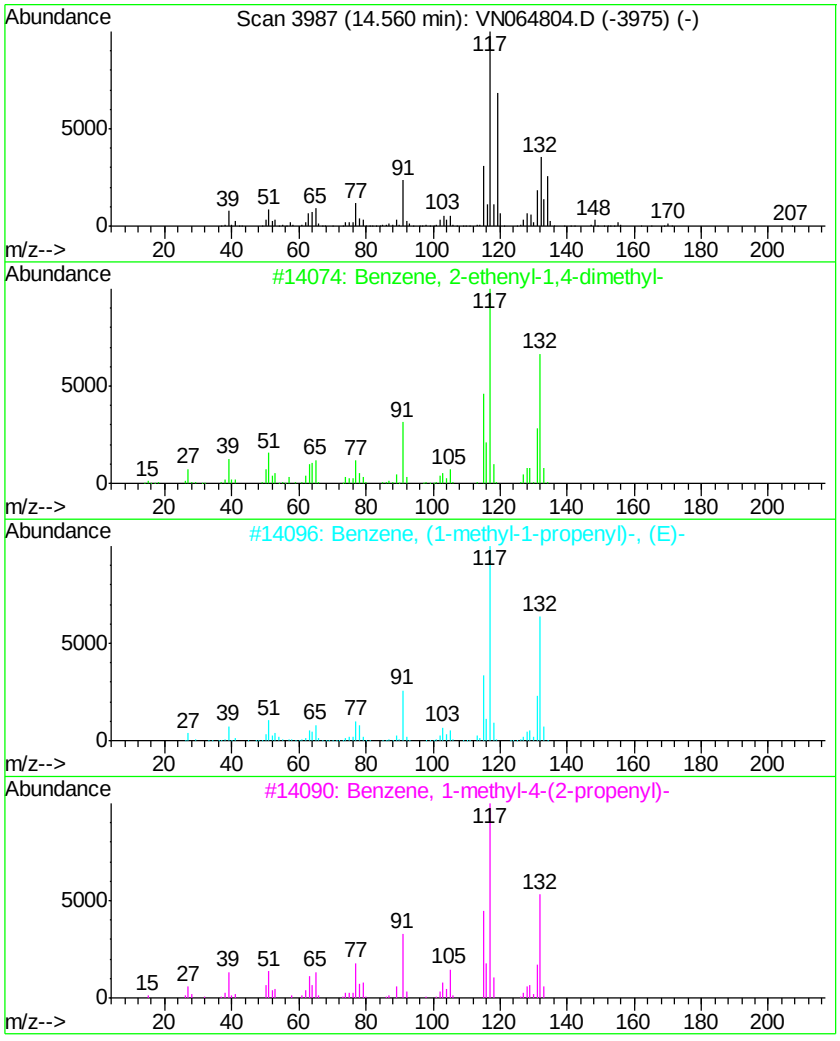
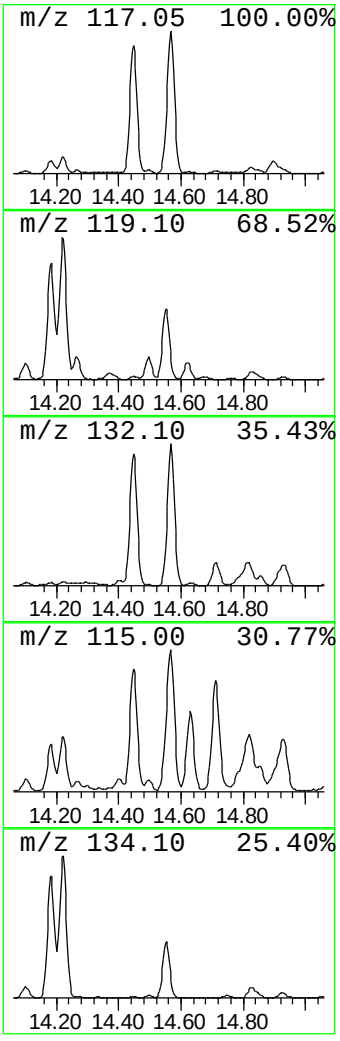
Peak Number 9 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.56	163.10 ug/l	2466610	1,4-Dichlorobenzene-d4	13.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
2	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	76
3	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	70
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	70
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	70





Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112420\
Data File : VN064804.D
Acq On : 24 Nov 2020 12:38
Operator : JC/MD
Sample : L4829-18
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
Quant Title : SW846 8260

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

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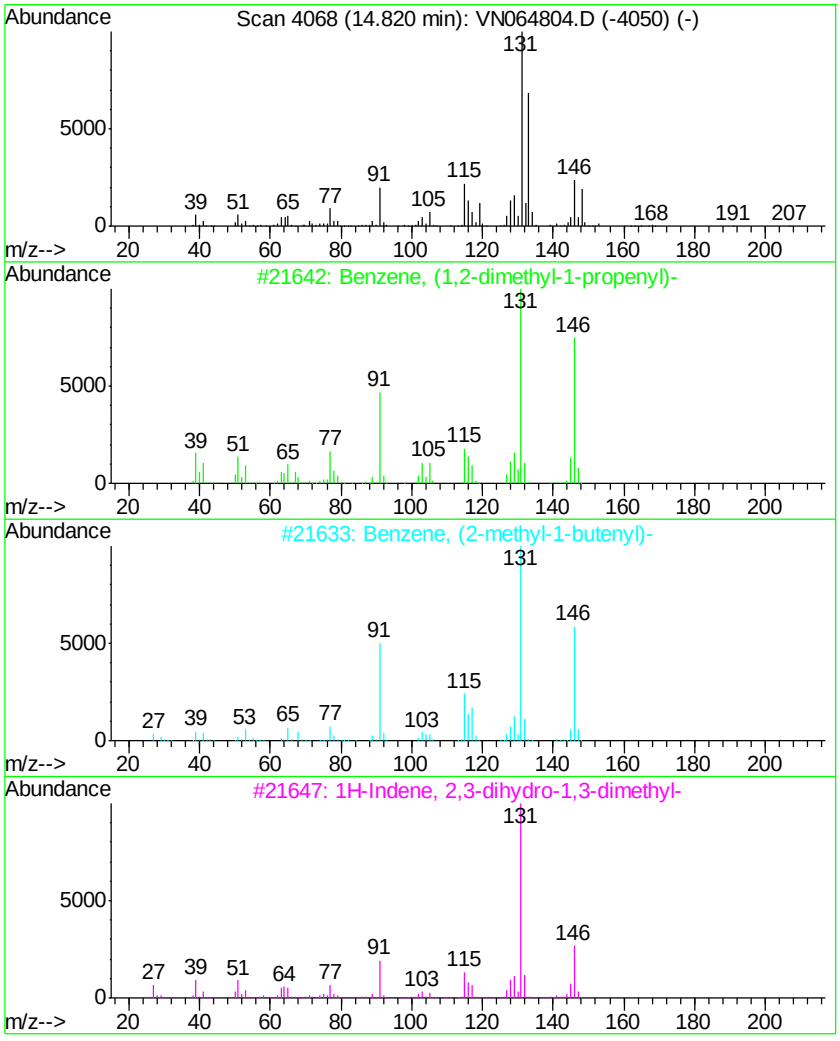
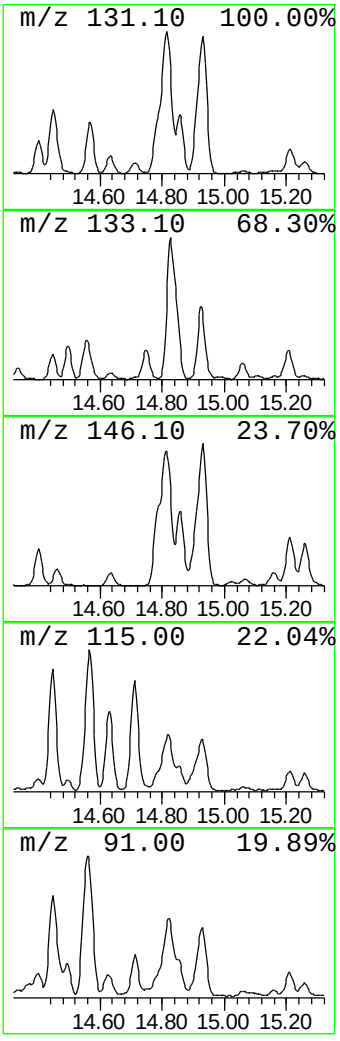
Peak Number 10 Benzene, (1,2-dimethyl-1-pr... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	128.96 ug/l	1950310	1,4-Dichlorobenzene-d4	13.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	93
2	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	86
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	83
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	70
5	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	70





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112420\
Data File : VN064804.D
Acq On : 24 Nov 2020 12:38
Operator : JC/MD
Sample : L4829-18
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
Quant Title : SW846 8260

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1-ethyl-...	12.87	144.7	ug/l	2187750	4	13.32	756147	50.0
Indane	13.51	572.9	ug/l	8664250	4	13.32	756147	50.0
Benzene, 1-ethyny...	13.69	114.4	ug/l	1729750	4	13.32	756147	50.0
Benzene, 2-ethyl-...	13.86	106.7	ug/l	1613100	4	13.32	756147	50.0
Benzene, 1-etheny...	13.97	119.5	ug/l	1807350	4	13.32	756147	50.0
Benzene, 1,2,3,4-...	14.18	105.9	ug/l	1601670	4	13.32	756147	50.0
Benzene, 1,2,4,5-...	14.22	120.5	ug/l	1821790	4	13.32	756147	50.0
Benzene, 1-etheny...	14.45	153.1	ug/l	2314680	4	13.32	756147	50.0
Benzene, 2-etheny...	14.56	163.1	ug/l	2466610	4	13.32	756147	50.0
Benzene, (1,2-dim...	14.82	129.0	ug/l	1950310	4	13.32	756147	50.0