LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN051920\
Data File : VN061483.D
Acq On : 19 May 2020 15:10
Operator : JC/MD
Sample : L2679-06
Misc : 5.94g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : SB-5-14.0-14.5ME

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\82N051820W.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	7.545	1777	1795	1804	rBV	175104	459247	2.46%	0.273%
2	7.619	1807	1818	1833	rVB2	367107	916668	4.91%	0.544%
3	7.831	1866	1884	1899	rBV2	103227	259280	1.39%	0.154%
4	7.982	1916	1931	1954	rBV2	216371	502342	2.69%	0.298%
5	8.548	2092	2107	2127	rBV	560385	1162562	6.22%	0.690%
6	9.043	2240	2261	2273	rBV3	354137	884843	4.74%	0.526%
7	9.108	2274	2281	2295	rVB2	99644	190468	1.02%	0.113%
8	9.632	2434	2444	2453	rBV2	112253	217030	1.16%	0.129%
9	9.696	2454	2464	2469	rBV	246608	437154	2.34%	0.260%
10	9.838	2490	2508	2530	rVB	464519	1233834	6.61%	0.733%
11	10.056	2563	2576	2603	rBV2	1179377	2474698	13.25%	1.470%
12	10.400	2676	2683	2699	rVB2	193565	343390	1.84%	0.204%
13	10.497	2703	2713	2724	rBV7	168963	383526	2.05%	0.228%
14	10.596	2737	2744	2754	rVB4	143348	228325	1.22%	0.136%
15	10.690	2765	2773	2782	rBV	245347	383174	2.05%	0.228%
16	10.792	2798	2805	2817	rBV	209891	384227	2.06%	0.228%
17	10.924	2839	2846	2853	rBV	339198	480894	2.57%	0.286%
18	10.976	2855	2862	2873	rVB2	458101	769298	4.12%	0.457%
19	11.272	2945	2954	2977	rVB	670771	1172363	6.28%	0.696%
20	11.381	2978	2988	3000	rBV	844593	1437297	7.69%	0.854%
21	11.564	3037	3045	3053	rBV4	215388	429865	2.30%	0.255%
22	11.628	3056	3065	3072	rBV	350326	635238	3.40%	0.377%
23	12.021	3181	3187	3193	rVB	267555	311719	1.67%	0.185%
24	12.091	3203	3209	3215	rBV2	358365	513058	2.75%	0.305%
25	12.140	3217	3224	3233	rVB4	667946	1081172	5.79%	0.642%
26	12.378	3289	3298	3305	rBV	1046960	2002959	10.72%	1.190%
27	12.754	3411	3415	3425	rVB4	544484	756623	4.05%	0.449%
28	12.937	3466	3472	3487	rVB4	853329	1449942	7.76%	0.861%
29	13.146	3530	3537	3544	rVB2	838966	1247930	6.68%	0.741%
30	13.487	3637	3643	3649	rBV	886885	1216592	6.51%	0.723%
31	13.587	3661	3674	3681	rBV3	951759	2400128	12.85%	1.426%
32	13.638	3681	3690	3700	rVV5	1899886	3651837	19.55%	2.169%
33	13.863	3752	3760	3769	rVB	3636523	5602358	29.99%	3.327%
34	13.918	3771	3777	3783	rVV2	552368	791962	4.24%	0.470%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN051920\
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Acq On : 19 May 2020 15:10
Operator : JC/MD
Sample : L2679-06
Misc : 5.94g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : SB-5-14.0-14.5ME

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\82N051820W.M
Title : SW846 8260

35	13.969	3784	3793	3804	rVB4	3006011	5246540	28.09%	3.116%
36	14.146	3839	3848	3854	rBV5	1558337	3218854	17.23%	1.912%
37	14.268	3878	3886	3892	rBV3	1804264	2744315	14.69%	1.630%
38	14.307	3893	3898	3904	rVB2	999130	1307277	7.00%	0.776%
39	14.451	3936	3943	3953	rBV3	1397707	2811739	15.05%	1.670%
40	14.564	3966	3978	3989	rBV4	6904397	14609075	78.21%	8.677%
41	14.622	3989	3996	4007	rVB4	2325522	4160885	22.28%	2.471%
42	14.715	4017	4025	4034	rVB	2933812	4299260	23.02%	2.553%
43	14.789	4042	4048	4050	rBV3	1155695	1274028	6.82%	0.757%
44	14.824	4053	4059	4065	rVB4	2834568	4151450	22.23%	2.466%
45	14.931	4083	4092	4103	rVB3	3809240	7367023	39.44%	4.376%
46	15.159	4156	4163	4171	rBV	2692106	4135220	22.14%	2.456%
47	15.214	4172	4180	4189	rBV5	2601007	5407914	28.95%	3.212%
48	15.387	4224	4234	4247	rBV2	2883330	5940466	31.80%	3.528%
49	15.541	4267	4282	4286	rBV6	2492549	5985936	32.05%	3.555%
50	15.580	4288	4294	4309	rVB	5115856	8876776	47.52%	5.272%
51	15.734	4332	4342	4352	rBV5	2103276	4501882	24.10%	2.674%
52	15.876	4375	4386	4396	rBV3	3623801	7102784	38.03%	4.219%
53	16.066	4436	4445	4453	rBV3	3779647	7075653	37.88%	4.202%
54	16.123	4454	4463	4486	rVB	8145869	18678725	100.00%	11.094%
55	16.313	4510	4522	4534	rBV	5752248	13060678	69.92%	7.757%

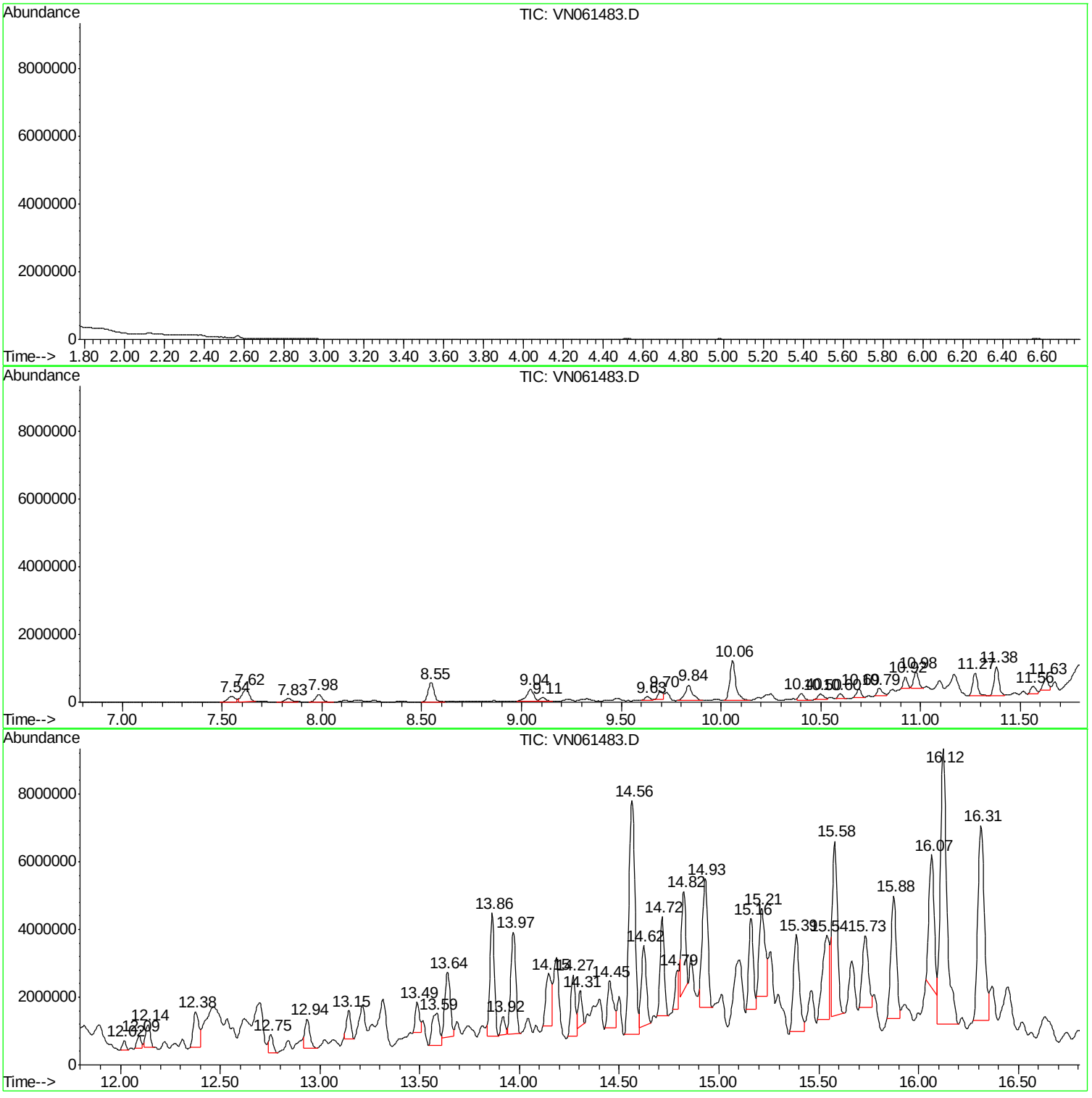
Sum of corrected areas: 168368483

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051920\
Data File : VN061483.D
Acq On : 19 May 2020 15:10
Operator : JC/MD
Sample : L2679-06
Misc : 5.94g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SB-5-14.0-14.5ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051820W.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\VN051920\
Data File : VN061483.D
Acq On : 19 May 2020 15:10
Operator : JC/MD
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ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : SB-5-14.0-14.5ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051820W.M
Quant Title : SW846 8260

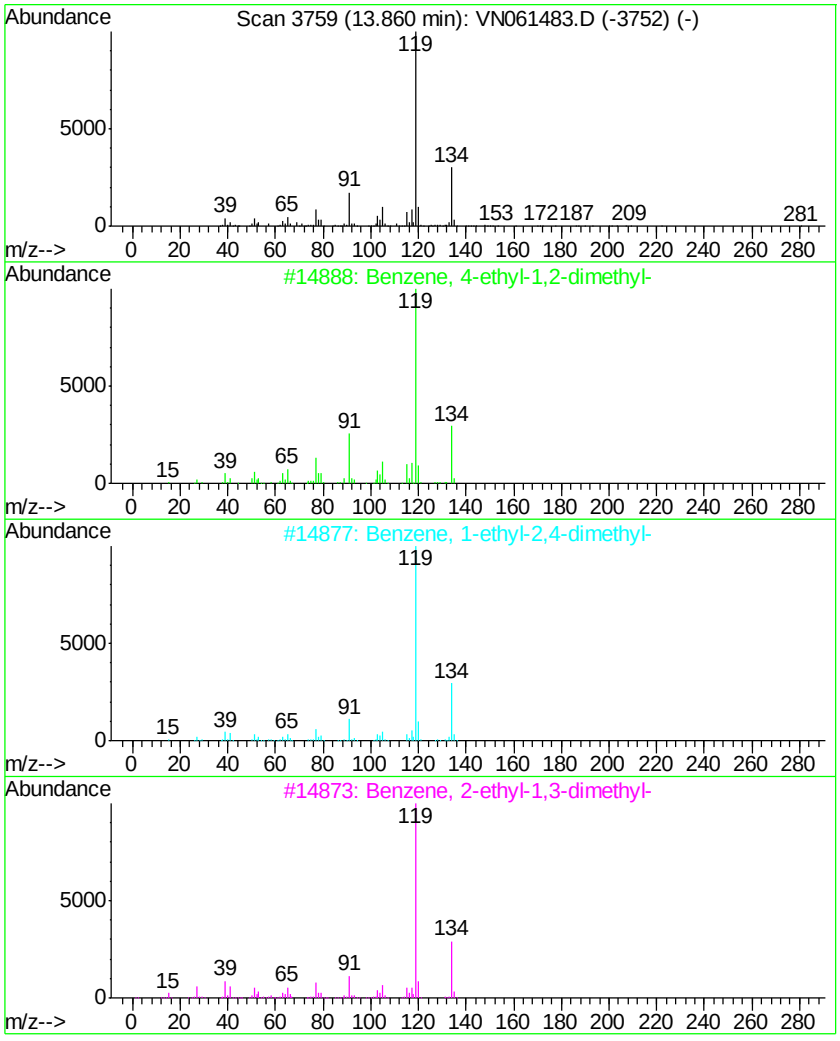
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

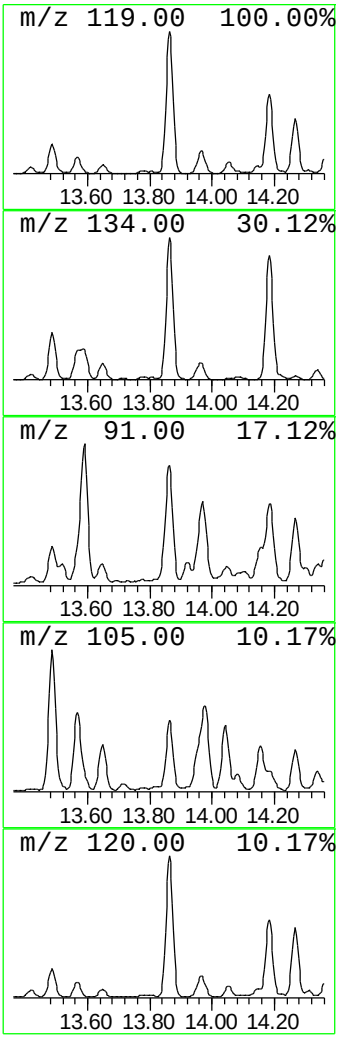
****

Peak Number 1 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	230.25 ug/l	5602360	1,4-Dichlorobenzene-d4	13.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
5	o-Cymene	134	C10H14	000527-84-4	95





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN051920\
Data File : VN061483.D
Acq On : 19 May 2020 15:10
Operator : JC/MD
Sample : L2679-06
Misc : 5.94g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : SB-5-14.0-14.5ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051820W.M
Quant Title : SW846 8260

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

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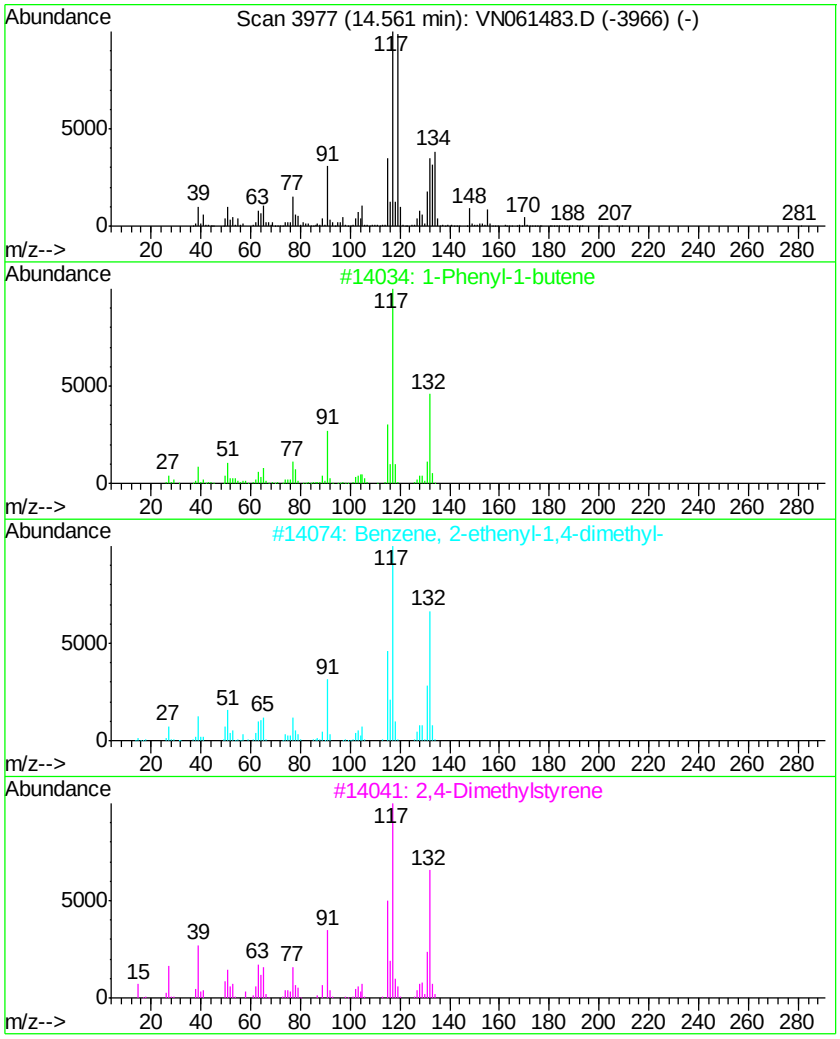
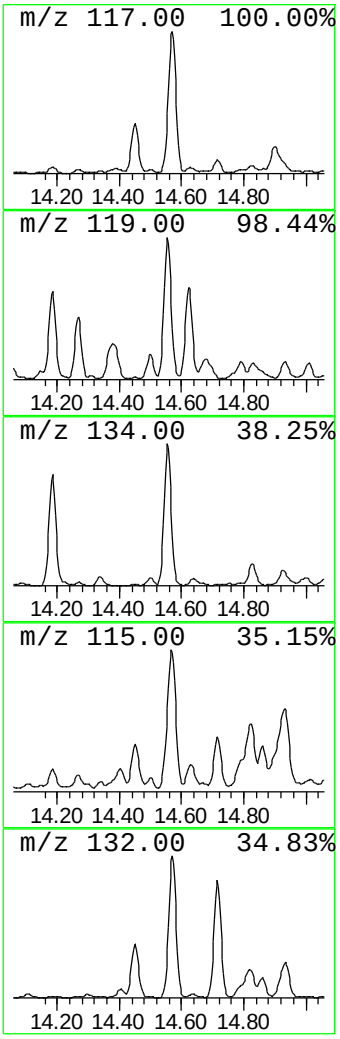
Peak Number 2 1-Phenyl-1-butene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.56	600.41 ug/l	14609100	1,4-Dichlorobenzene-d4	13.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	93
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	89
3	2,4-Dimethylstyrene	132	C10H12	002234-20-0	86
4	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	86
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN051920\
Data File : VN061483.D
Acq On : 19 May 2020 15:10
Operator : JC/MD
Sample : L2679-06
Misc : 5.94g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : SB-5-14.0-14.5ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051820W.M
Quant Title : SW846 8260

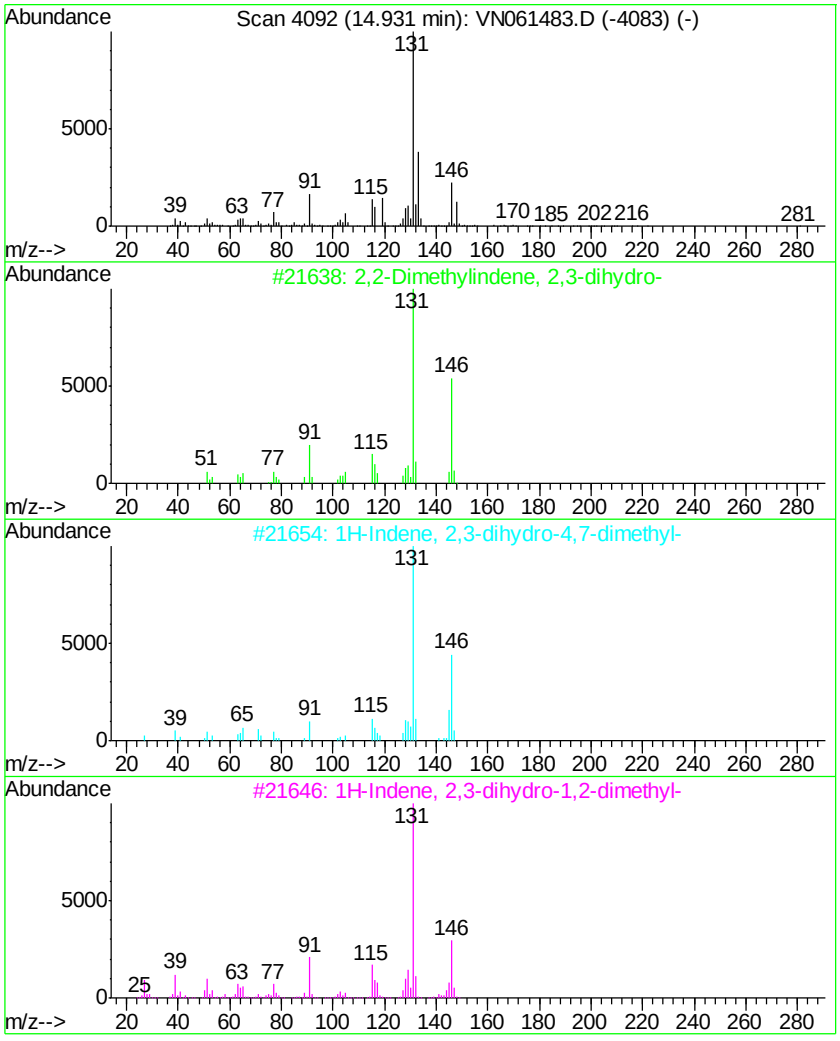
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

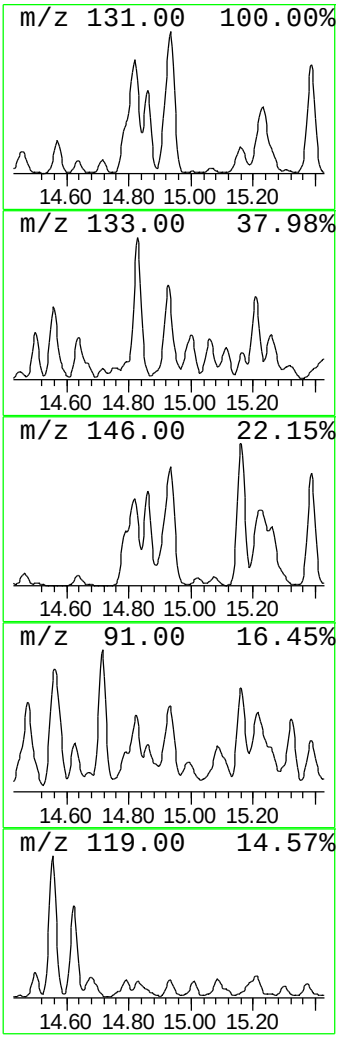
****

Peak Number 3 2,2-Dimethylindene, 2,3-dih... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.93	302.77 ug/l	7367020	1,4-Dichlorobenzene-d4	13.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	76
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	76
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	76
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	76
5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	76





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN051920\
Data File : VN061483.D
Acq On : 19 May 2020 15:10
Operator : JC/MD
Sample : L2679-06
Misc : 5.94g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : SB-5-14.0-14.5ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051820W.M
Quant Title : SW846 8260

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

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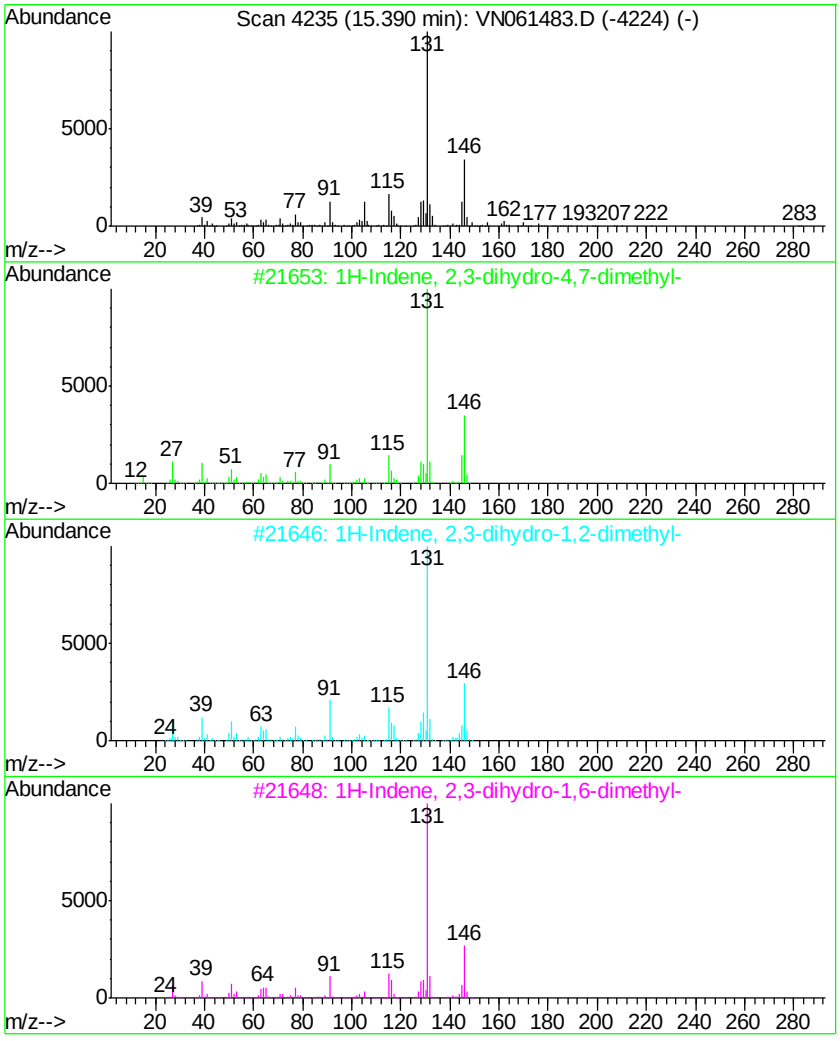
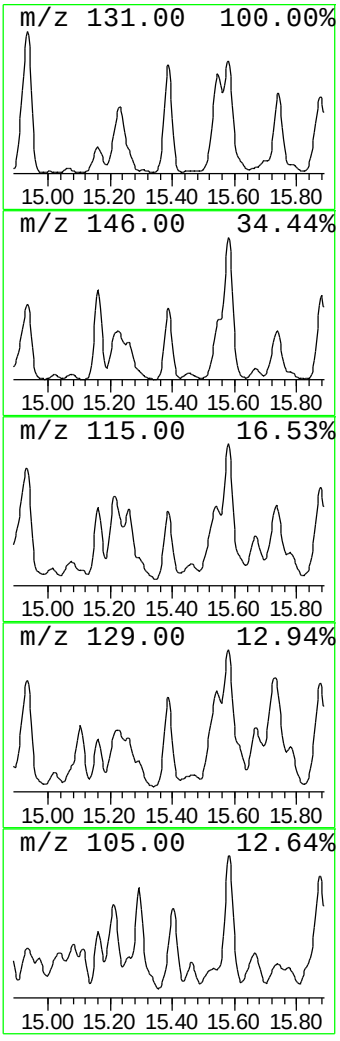
Peak Number 4 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.39	244.14 ug/l	5940470	1,4-Dichlorobenzene-d4	13.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	95
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	94
3	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	94
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	93
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN051920\
Data File : VN061483.D
Acq On : 19 May 2020 15:10
Operator : JC/MD
Sample : L2679-06
Misc : 5.94g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : SB-5-14.0-14.5ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051820W.M
Quant Title : SW846 8260

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

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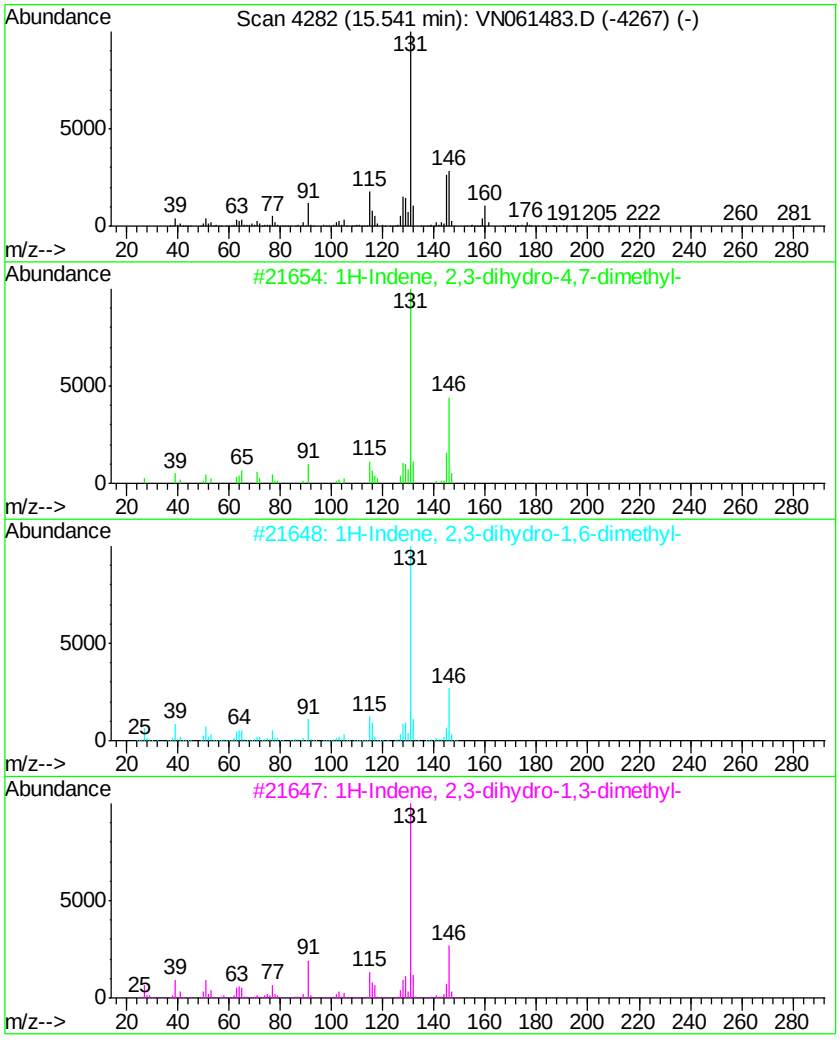
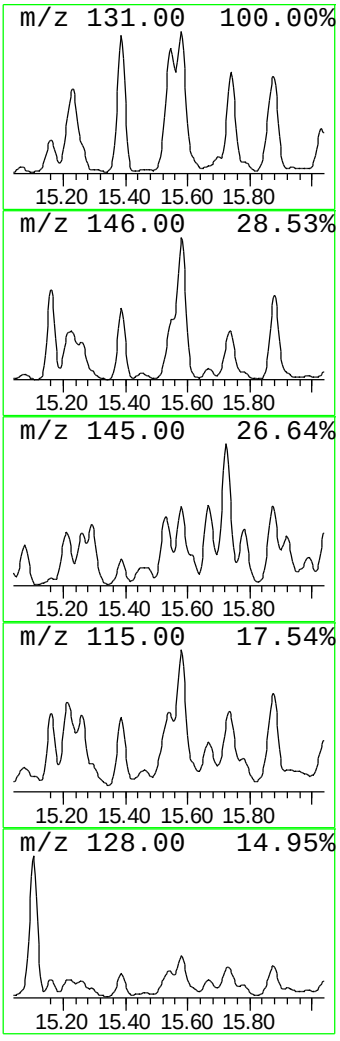
Peak Number 5 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.54	246.01 ug/l	5985940	1,4-Dichlorobenzene-d4	13.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	93
2	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	81
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	81
4	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	81
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	81





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Instrument : MSVOA_N
ClientSampleId : SB-5-14.0-14.5ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051820W.M
Quant Title : SW846 8260

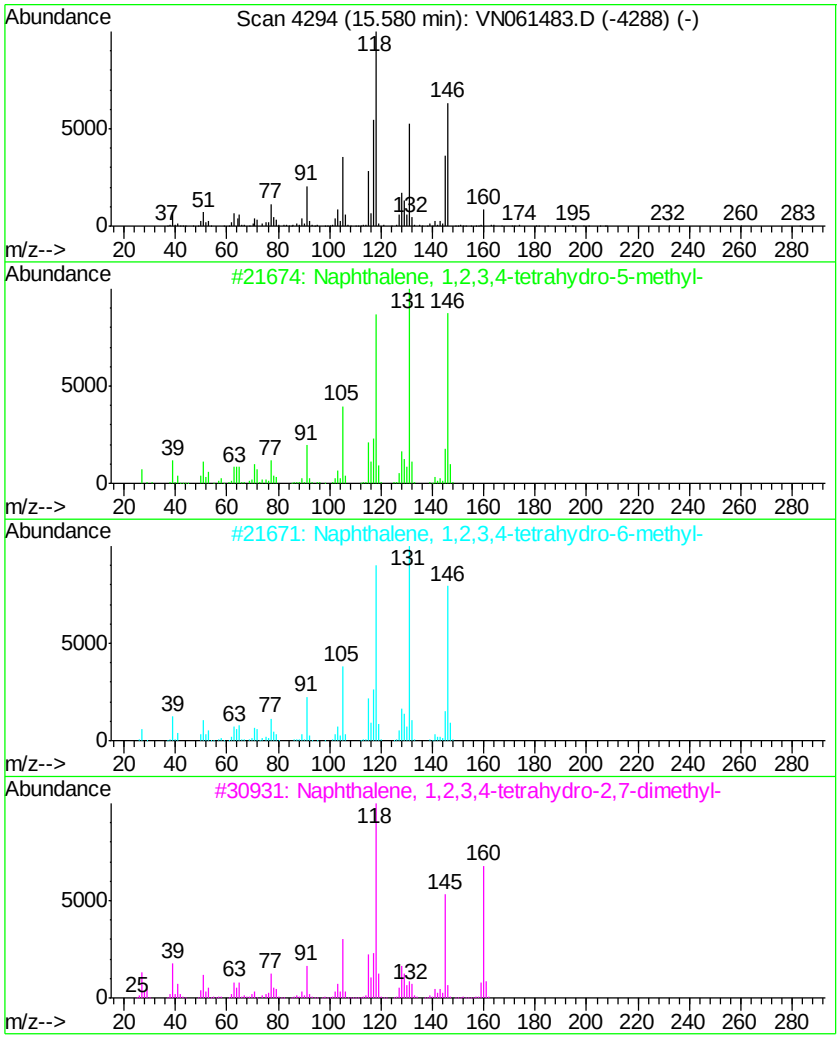
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

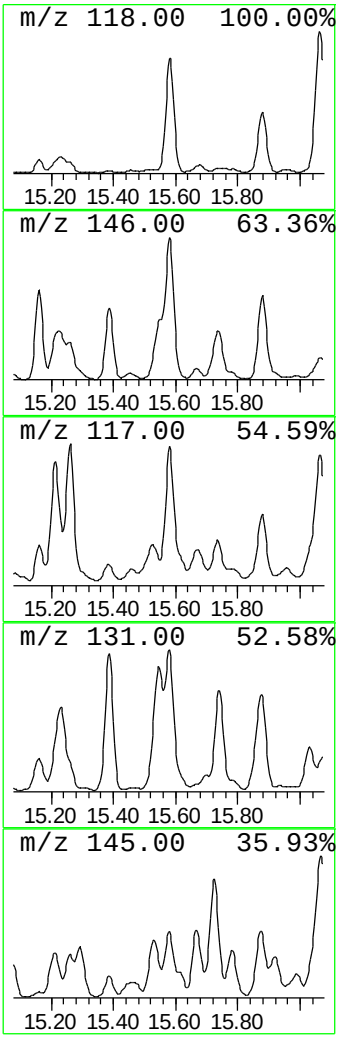
****

Peak Number 6 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.58	364.82 ug/l	8876780	1,4-Dichlorobenzene-d4	13.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	64
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	58
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	52
4	5H-Benzocycloheptene,6,7,8,9-tet...	146	C11H14	001075-16-7	52
5	Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	38





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN051920\
Data File : VN061483.D
Acq On : 19 May 2020 15:10
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Sample : L2679-06
Misc : 5.94g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : SB-5-14.0-14.5ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051820W.M
Quant Title : SW846 8260

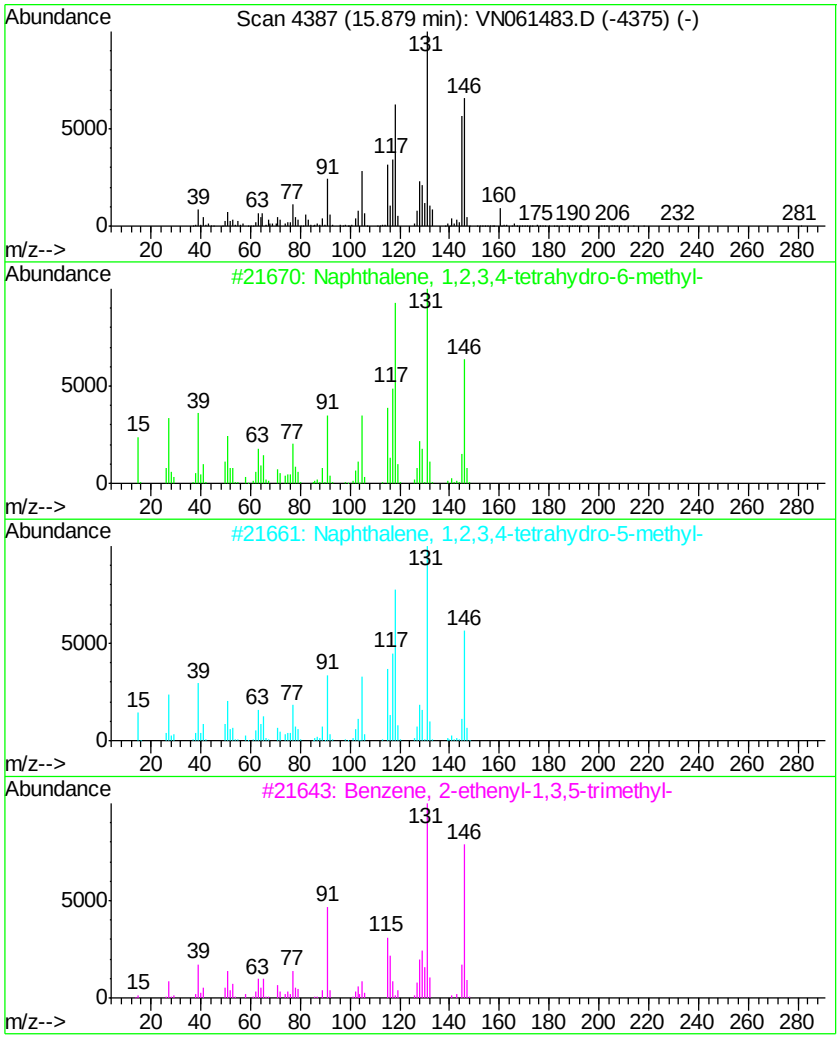
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

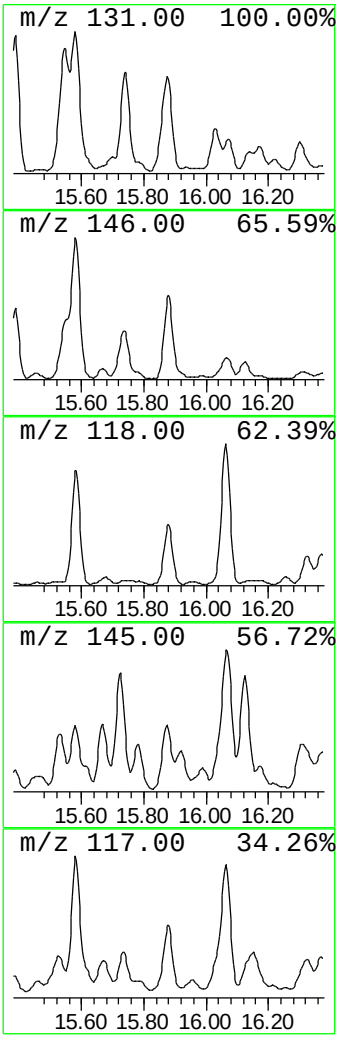
****

Peak Number 7 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.88	291.91 ug/l	7102780	1,4-Dichlorobenzene-d4	13.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	86
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	76
3	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	53
4	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	49
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	49





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN051920\
Data File : VN061483.D
Acq On : 19 May 2020 15:10
Operator : JC/MD
Sample : L2679-06
Misc : 5.94g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : SB-5-14.0-14.5ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051820W.M
Quant Title : SW846 8260

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

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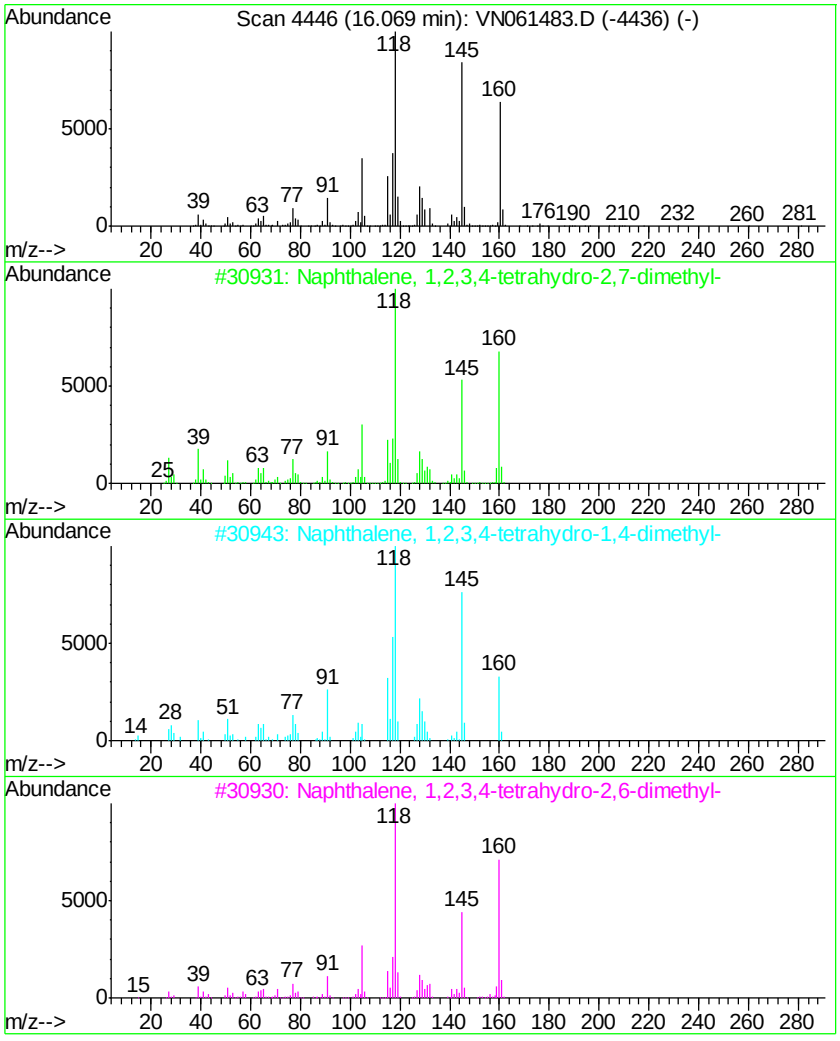
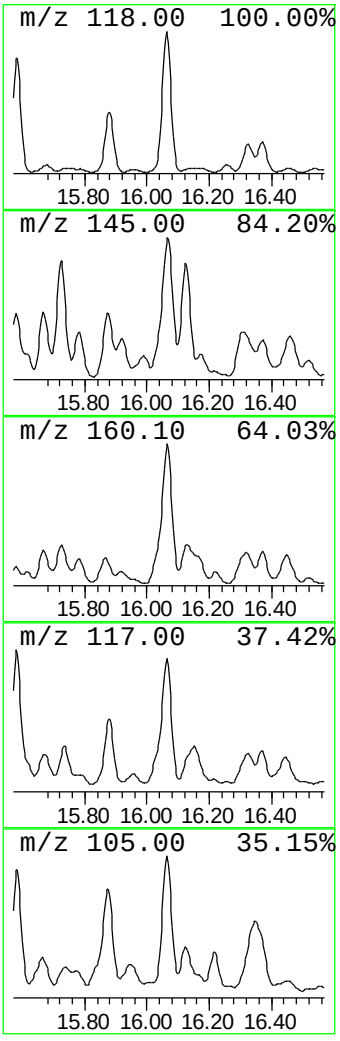
Peak Number 8 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.07	290.80 ug/l	7075650	1,4-Dichlorobenzene-d4	13.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	91
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	81
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	70
4	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	64
5	Benzene, 1,2,4-trimethyl-5-(1-me...	160	C12H16	054340-84-0	60





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN051920\
Data File : VN061483.D
Acq On : 19 May 2020 15:10
Operator : JC/MD
Sample : L2679-06
Misc : 5.94g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : SB-5-14.0-14.5ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051820W.M
Quant Title : SW846 8260

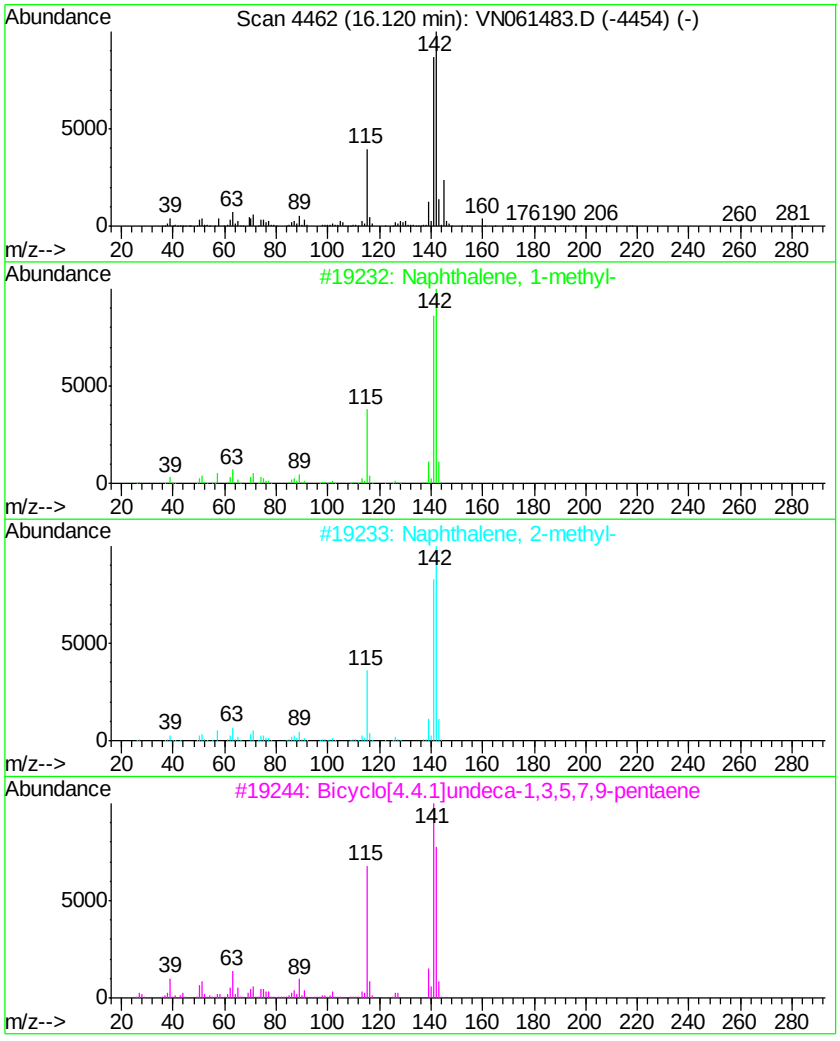
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

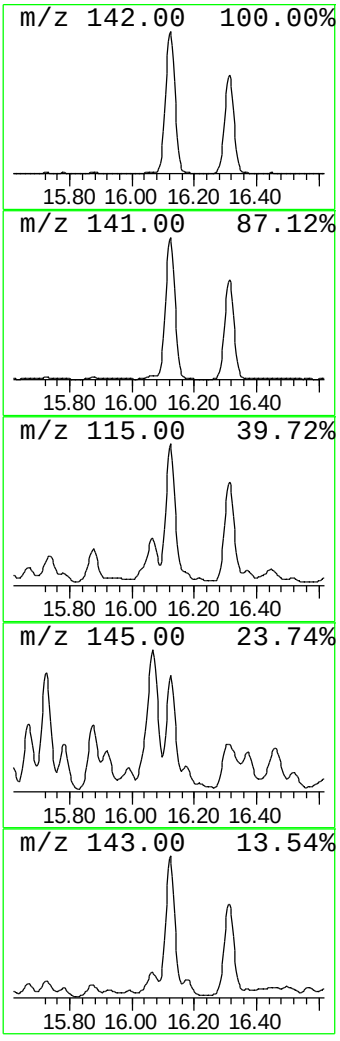
****

Peak Number 9 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.12	767.67 ug/l	18678700	1,4-Dichlorobenzene-d4	13.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	93
4	Benzocycloheptatriene	142	C11H10	000264-09-5	91
5	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN051920\
Data File : VN061483.D
Acq On : 19 May 2020 15:10
Operator : JC/MD
Sample : L2679-06
Misc : 5.94g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : SB-5-14.0-14.5ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051820W.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, 4-ethyl-...	13.86	230.3	ug/l	5602360	4	13.32	1216590	50.0
1-Phenyl-1-butene	14.56	600.4	ug/l	14609100	4	13.32	1216590	50.0
2,2-Dimethylinden...	14.93	302.8	ug/l	7367020	4	13.32	1216590	50.0
1H-Indene, 2,3-di...	15.39	244.1	ug/l	5940470	4	13.32	1216590	50.0
1H-Indene, 2,3-di...	15.54	246.0	ug/l	5985940	4	13.32	1216590	50.0
Naphthalene, 1,2,...	15.58	364.8	ug/l	8876780	4	13.32	1216590	50.0
Naphthalene, 1,2,...	15.88	291.9	ug/l	7102780	4	13.32	1216590	50.0
Naphthalene, 1,2,...	16.07	290.8	ug/l	7075650	4	13.32	1216590	50.0
Naphthalene, 1-me...	16.12	767.7	ug/l	18678700	4	13.32	1216590	50.0