LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031720\
Data File : VN060558.D
Acq On : 17 Mar 2020 15:49
Operator : JC/MD
Sample : L1946-01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 40748

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\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	3.233	438	454	479	rBV	104274	249466	8.64%	0.652%
2	3.783	609	625	646	rBV2	24190	65395	2.26%	0.171%
3	4.014	681	697	720	rBV	9820	30233	1.05%	0.079%
4	7.567	1784	1802	1813	rBV2	128840	320885	11.11%	0.839%
5	7.644	1813	1826	1847	rVB	251414	587395	20.34%	1.535%
6	8.005	1914	1938	1962	rBV	156565	362960	12.57%	0.949%
7	8.567	2096	2113	2133	rBV	383064	788950	27.31%	2.062%
8	10.078	2568	2583	2595	rBV	593957	1095493	37.93%	2.863%
9	10.143	2595	2603	2617	rVB	34273	62106	2.15%	0.162%
10	11.400	2979	2994	3015	rBV	554664	962549	33.33%	2.516%
11	11.612	3043	3060	3080	rBV	85567	171601	5.94%	0.449%
12	11.940	3144	3162	3179	rBV	107124	183456	6.35%	0.480%
13	12.246	3248	3257	3266	rBV	20989	34855	1.21%	0.091%
14	12.397	3293	3304	3315	rVB	430421	705629	24.43%	1.844%
15	12.586	3348	3363	3372	rBV	65749	104823	3.63%	0.274%
16	12.651	3372	3383	3389	rBV	388848	624639	21.63%	1.633%
17	12.728	3399	3407	3417	rVB2	312732	499490	17.29%	1.306%
18	12.885	3433	3456	3471	rBV	300191	524513	18.16%	1.371%
19	12.956	3472	3478	3489	rVB3	38520	61289	2.12%	0.160%
20	13.037	3490	3503	3514	rBV	1006879	1608361	55.68%	4.204%
21	13.165	3530	3543	3552	rBV2	49135	97166	3.36%	0.254%
22	13.229	3552	3563	3572	rBV	116555	197234	6.83%	0.516%
23	13.284	3572	3580	3586	rBV2	62642	93175	3.23%	0.244%
24	13.339	3586	3597	3602	rVV	587985	986501	34.15%	2.578%
25	13.368	3603	3606	3617	rVB	596525	797721	27.62%	2.085%
26	13.422	3617	3623	3626	rBV3	26433	31909	1.10%	0.083%
27	13.538	3641	3659	3667	rBV	810010	1499718	51.92%	3.920%
28	13.580	3667	3672	3689	rVB4	352752	668310	23.14%	1.747%
29	13.670	3689	3700	3708	rBV	298611	465040	16.10%	1.216%
30	13.734	3712	3720	3730	rVB	165309	261185	9.04%	0.683%
31	13.799	3731	3740	3744	rBV	257447	380406	13.17%	0.994%
32	13.828	3745	3749	3758	rVB	272233	366534	12.69%	0.958%
33	13.885	3758	3767	3776	rVB	392871	571780	19.80%	1.494%
34	13.940	3776	3784	3791	rBV2	121988	188196	6.52%	0.492%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031720\
Data File : VN060558.D
Acq On : 17 Mar 2020 15:49
Operator : JC/MD
Sample : L1946-01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 40748

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\82N022720W.M
Title : SW846 8260

35	13.992	3791	3800	3810	rVB	491557	790949	27.38%	2.067%
36	14.059	3811	3821	3831	rBV6	42275	113813	3.94%	0.297%
37	14.123	3832	3841	3848	rBV2	165733	304753	10.55%	0.797%
38	14.204	3860	3866	3872	rBV	170110	264152	9.15%	0.690%
39	14.242	3872	3878	3887	rVB	409491	624699	21.63%	1.633%
40	14.294	3887	3894	3900	rBV2	141838	191338	6.62%	0.500%
41	14.329	3900	3905	3912	rVB3	91263	118000	4.09%	0.308%
42	14.429	3930	3936	3941	rBV2	84555	105479	3.65%	0.276%
43	14.471	3941	3949	3958	rVV	649664	1069996	37.05%	2.797%
44	14.522	3958	3965	3973	rVB	476730	690841	23.92%	1.806%
45	14.590	3973	3986	3996	rBV3	1499978	2888340	100.00%	7.549%
46	14.641	3997	4002	4014	rVB4	209664	354951	12.29%	0.928%
47	14.737	4021	4032	4047	rVB	1394303	2230629	77.23%	5.830%
48	14.847	4049	4066	4072	rBV4	328117	755325	26.15%	1.974%
49	14.956	4089	4100	4110	rVB2	369252	755228	26.15%	1.974%
50	15.127	4140	4153	4163	rBV2	451057	927618	32.12%	2.425%
51	15.184	4163	4171	4180	rBV	357425	529308	18.33%	1.383%
52	15.252	4180	4192	4201	rBV5	315024	830592	28.76%	2.171%
53	15.326	4209	4215	4229	rVB	461312	746826	25.86%	1.952%
54	15.413	4231	4242	4255	rBV	374416	776192	26.87%	2.029%
55	15.609	4284	4303	4318	rVB	1106021	2561466	88.68%	6.695%
56	15.766	4342	4352	4372	rVB3	283739	648763	22.46%	1.696%
57	15.908	4384	4396	4407	rBV2	753123	1505626	52.13%	3.935%
58	16.098	4446	4455	4464	rBV3	289209	532093	18.42%	1.391%
59	16.155	4465	4473	4485	rVB2	451251	830964	28.77%	2.172%
60	16.229	4488	4496	4518	rVB	344093	659704	22.84%	1.724%
61	16.345	4521	4532	4544	rBV3	333970	802395	27.78%	2.097%

Sum of corrected areas: 38259003

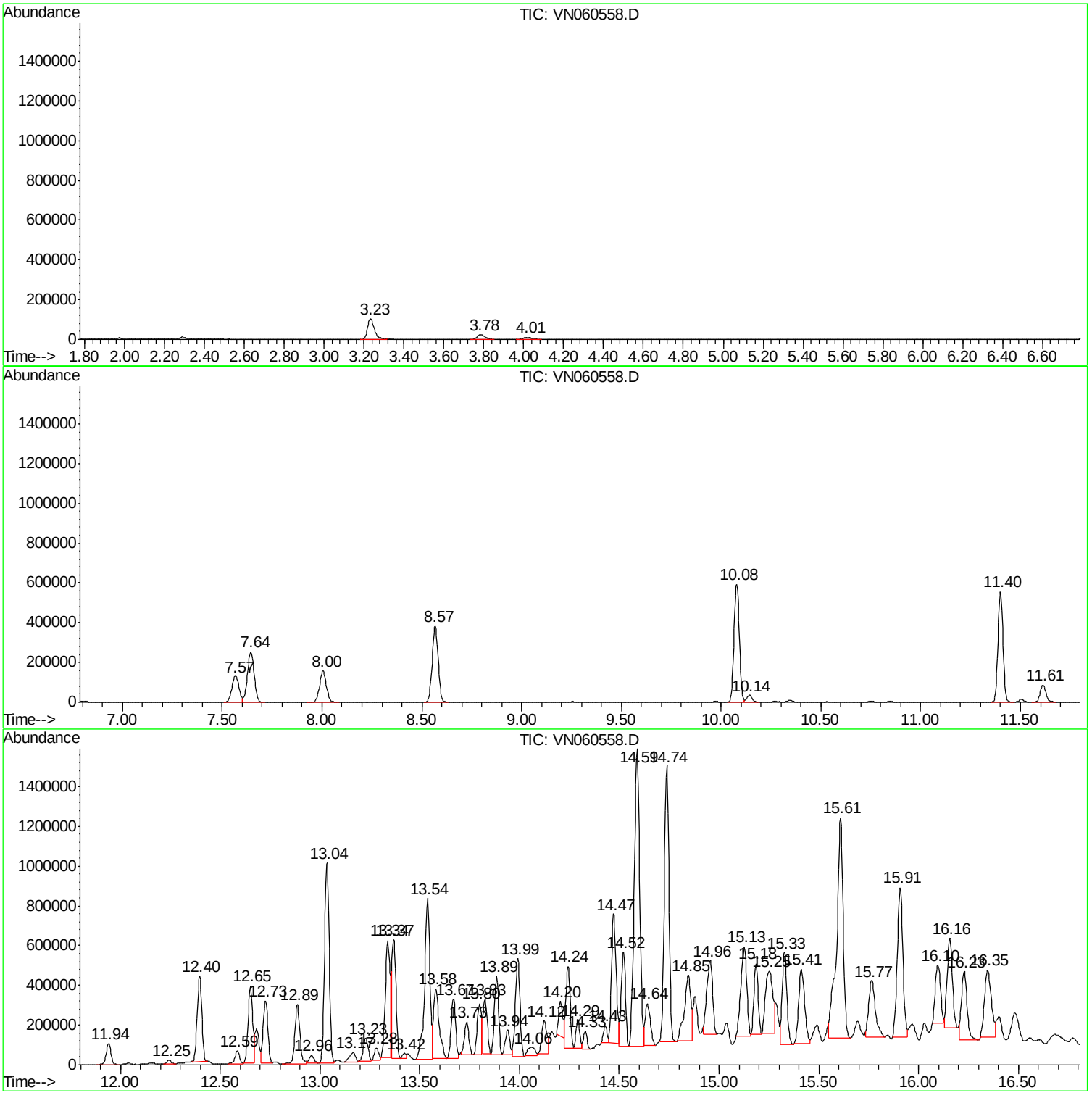
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031720\
Data File : VN060558.D
Acq On : 17 Mar 2020 15:49
Operator : JC/MD
Sample : L1946-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 40748

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.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\VN031720\
Data File : VN060558.D
Acq On : 17 Mar 2020 15:49
Operator : JC/MD
Sample : L1946-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 40748

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

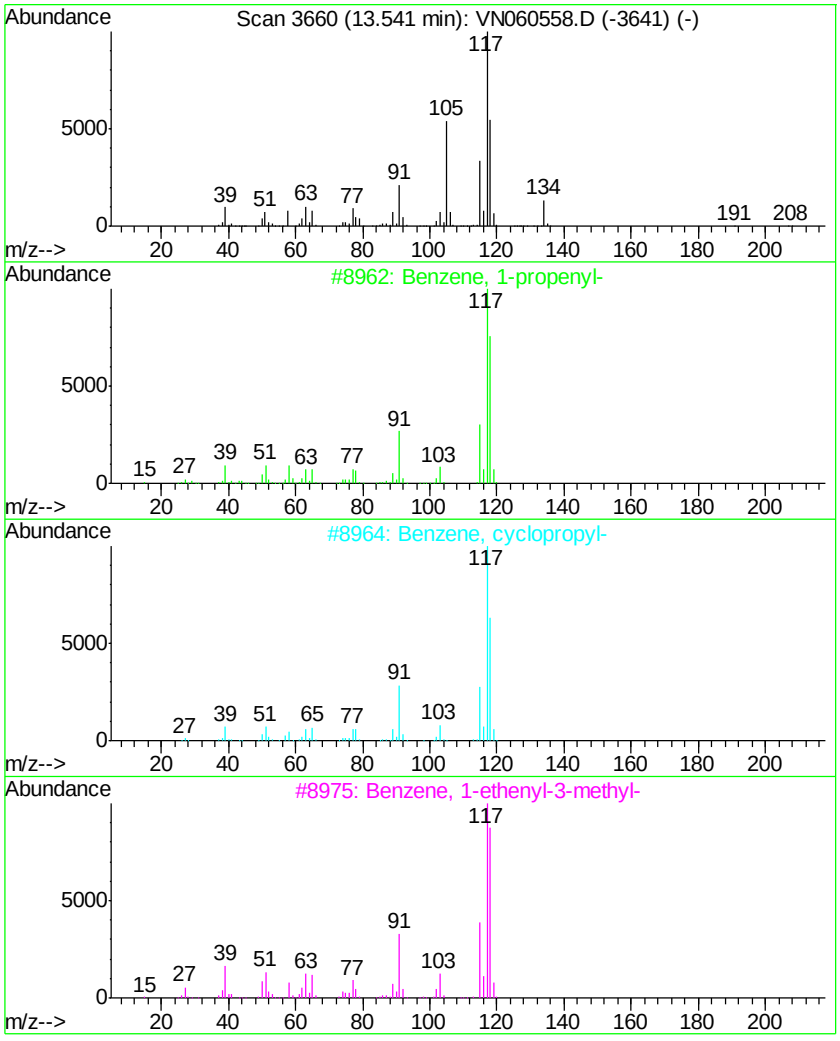
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

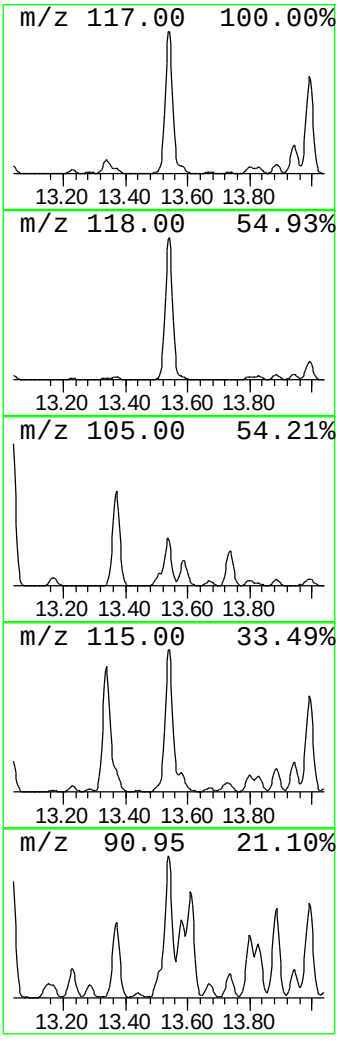
****

Peak Number 1 Benzene, 1-propenyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	76.01 ug/l	1499720	1,4-Dichlorobenzene-d4	13.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propenyl-	118	C9H10	000637-50-3	94
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	93
3	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	87
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	76
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	76





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031720\
Data File : VN060558.D
Acq On : 17 Mar 2020 15:49
Operator : JC/MD
Sample : L1946-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 40748

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

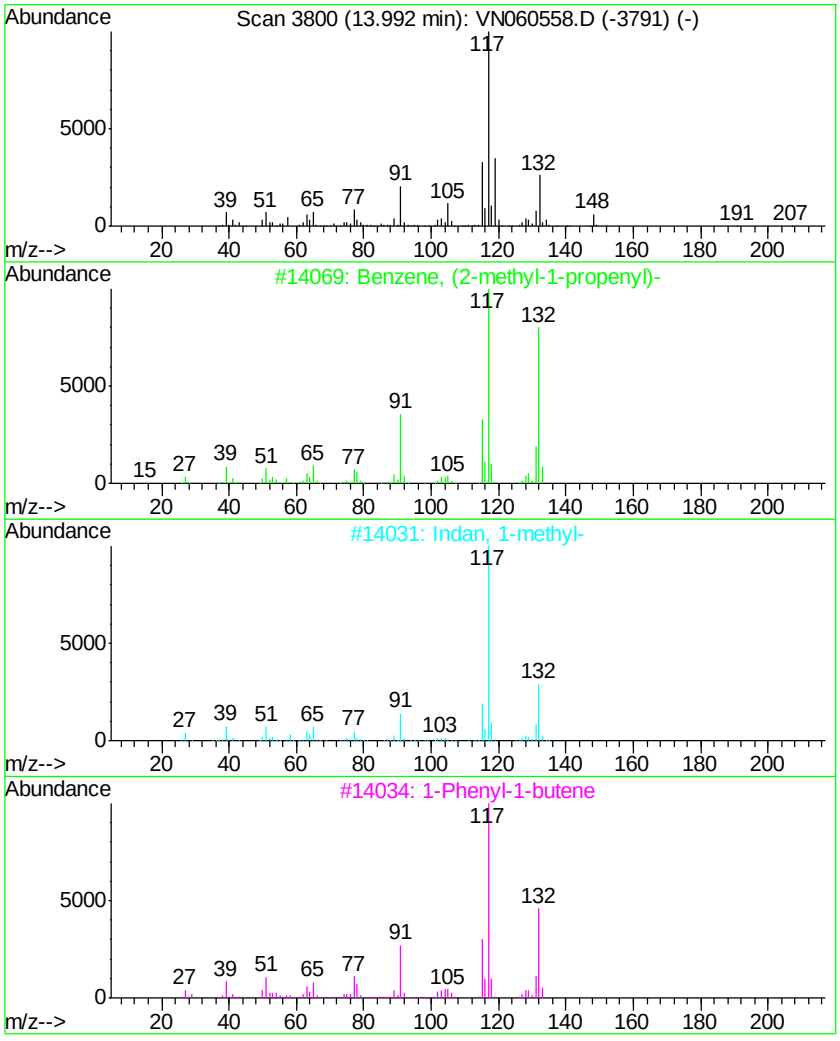
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

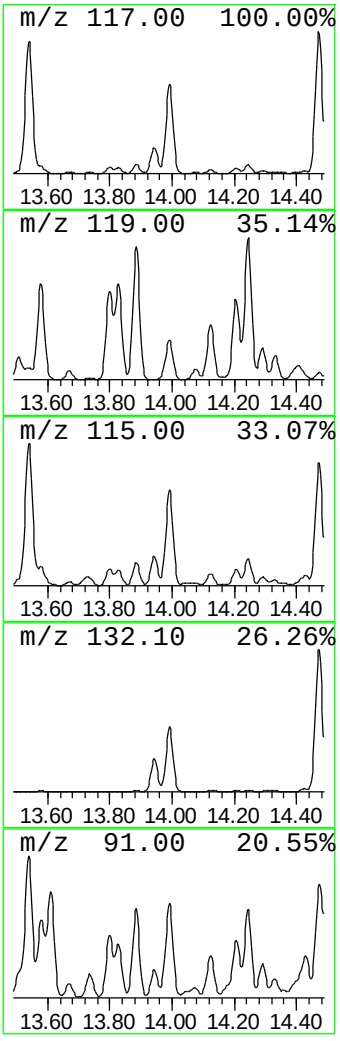
****

Peak Number 2 Benzene, (2-methyl-1-propen... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.99	40.09 ug/l	790949	1,4-Dichlorobenzene-d4	13.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	81
2	Indan, 1-methyl-	132	C10H12	000767-58-8	81
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	81
4	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	76
5	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	70





Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031720\
Data File : VN060558.D
Acq On : 17 Mar 2020 15:49
Operator : JC/MD
Sample : L1946-01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 40748

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

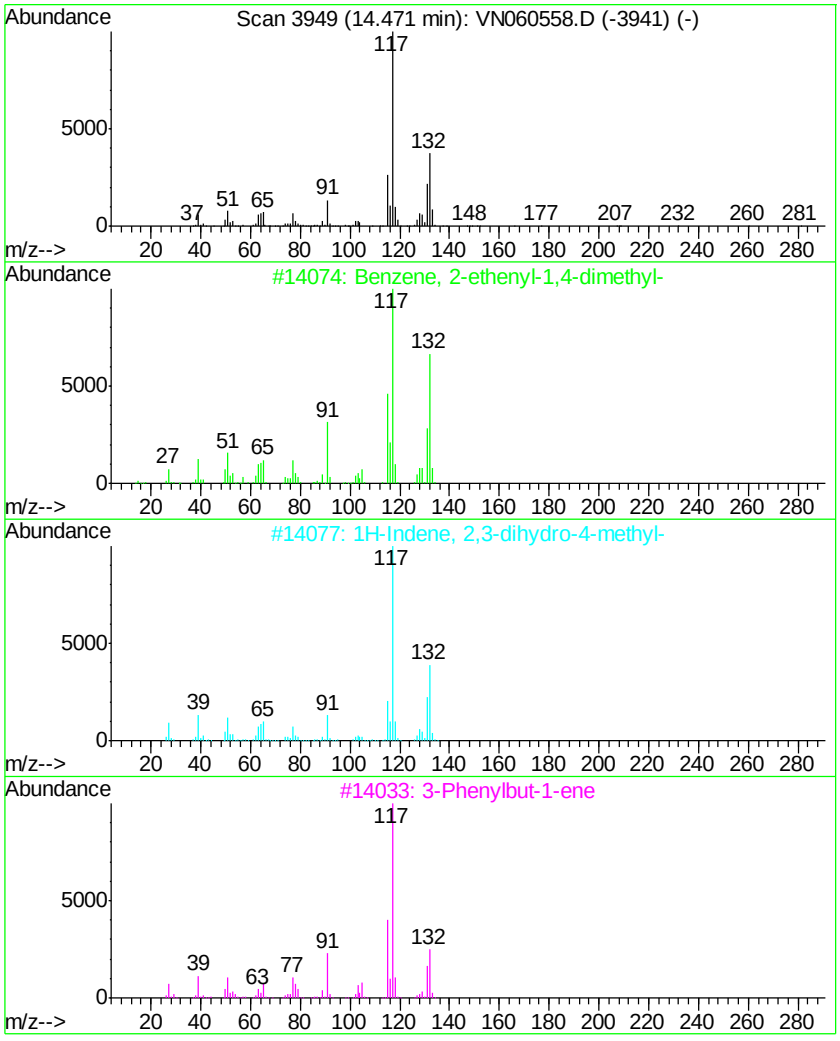
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

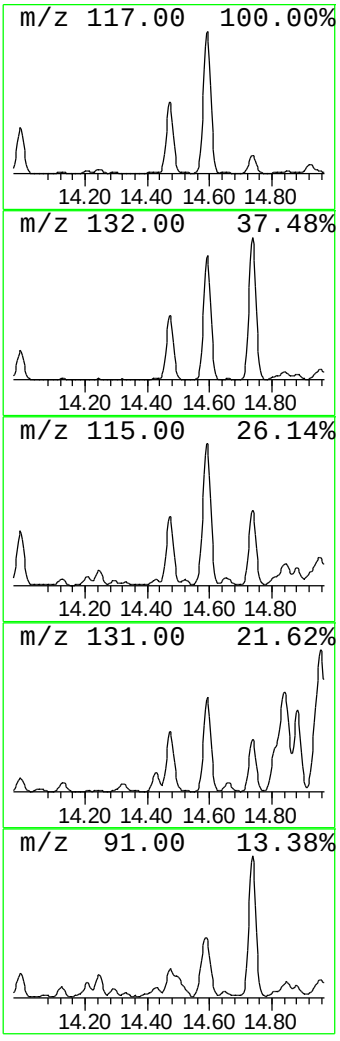
****

Peak Number 3 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.47	54.23 ug/l	1070000	1,4-Dichlorobenzene-d4	13.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	91
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	81
5	Indan, 1-methyl-	132	C10H12	000767-58-8	74





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031720\
Data File : VN060558.D
Acq On : 17 Mar 2020 15:49
Operator : JC/MD
Sample : L1946-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 40748

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

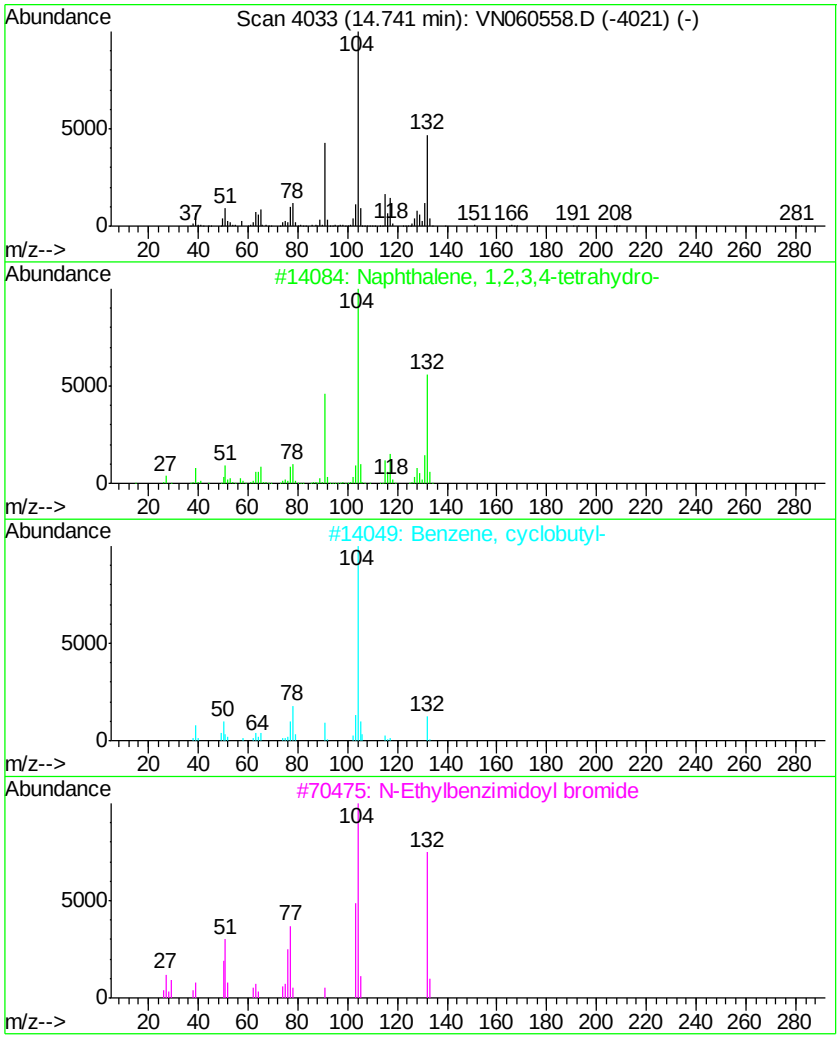
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

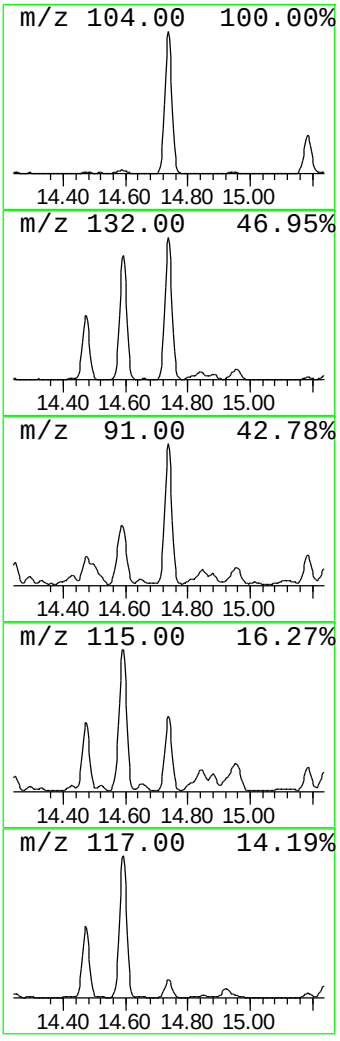
****

Peak Number 5 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.74	113.06 ug/l	2230630	1,4-Dichlorobenzene-d4	13.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	96
2	Benzene, cyclobutyl-	132	C10H12	004392-30-7	45
3	N-Ethylbenzimidoyl bromide	211	C9H10BrN	041182-87-0	40
4	Acetic acid, trifluoro-, 2-phenyl...	218	C10H9F3O2	055419-66-4	38
5	2-Furanone, 4-phenyltetrahydro	162	C10H10O2	1000197-38-4	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031720\
Data File : VN060558.D
Acq On : 17 Mar 2020 15:49
Operator : JC/MD
Sample : L1946-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 40748

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

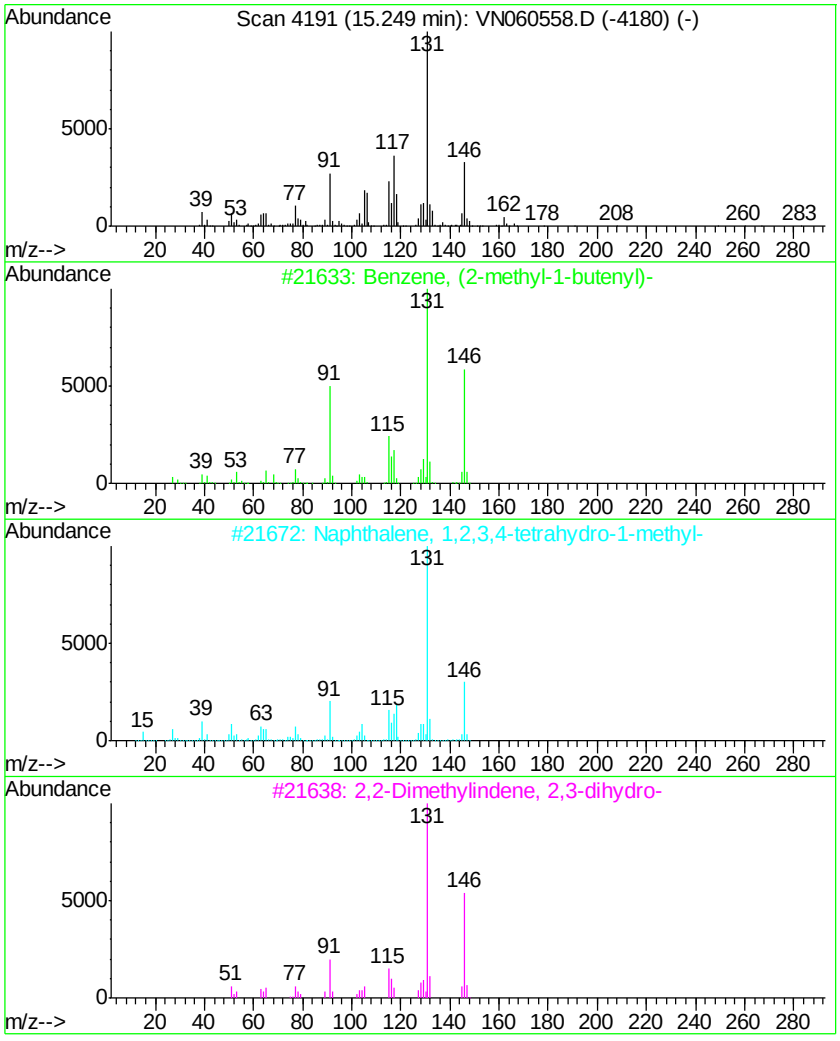
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

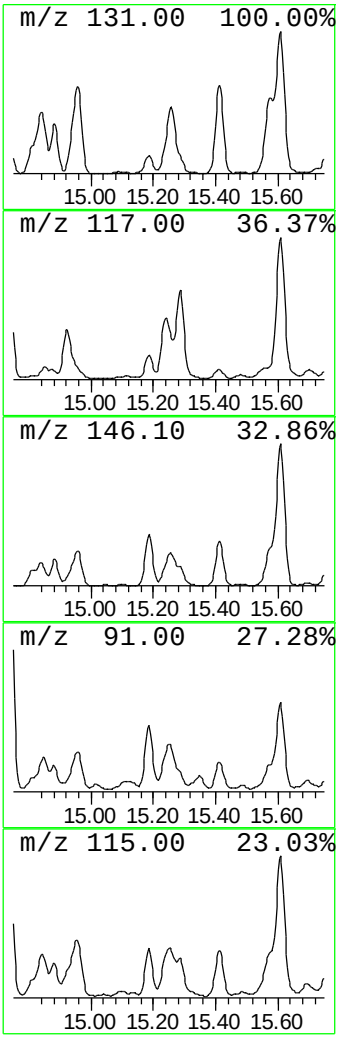
****

Peak Number 6 Benzene, (2-methyl-1-butenyl)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.25	42.10 ug/l	830592	1,4-Dichlorobenzene-d4	13.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	95
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	91
3	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	90
4	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	87
5	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	76





Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031720\
Data File : VN060558.D
Acq On : 17 Mar 2020 15:49
Operator : JC/MD
Sample : L1946-01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 40748

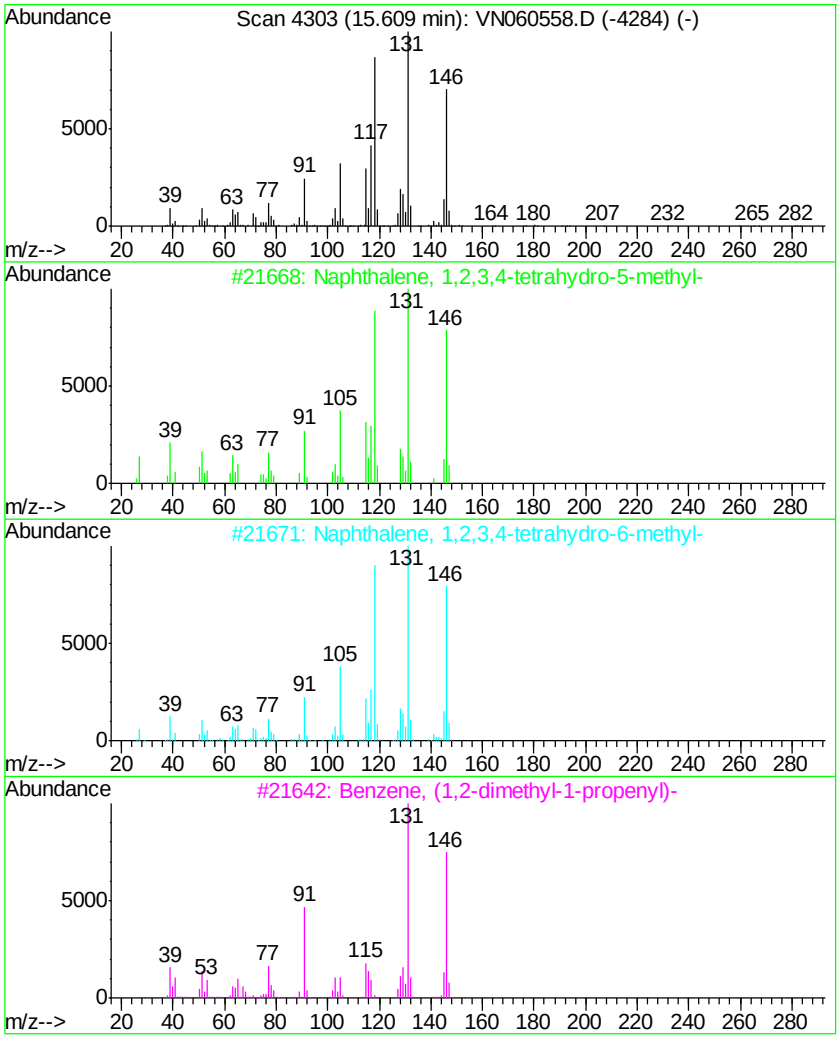
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
Quant Title : SW846 8260

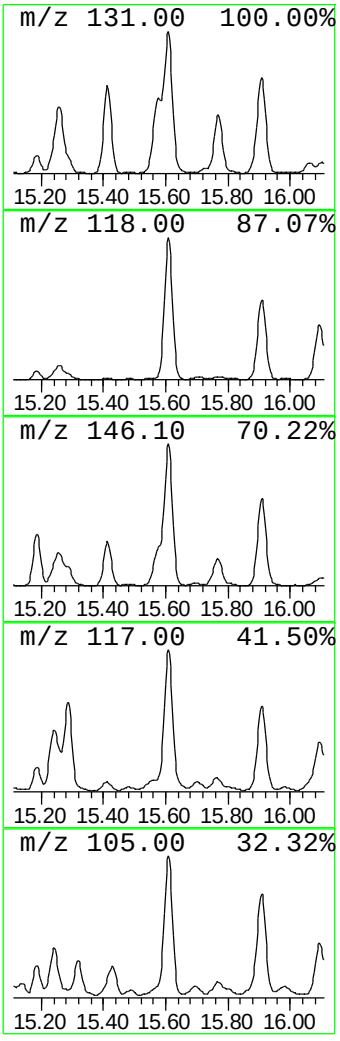
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.61	129.83 ug/l	2561470	1,4-Dichlorobenzene-d4	13.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	97
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	96
3	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	87
4	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	78
5	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031720\
Data File : VN060558.D
Acq On : 17 Mar 2020 15:49
Operator : JC/MD
Sample : L1946-01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 40748

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

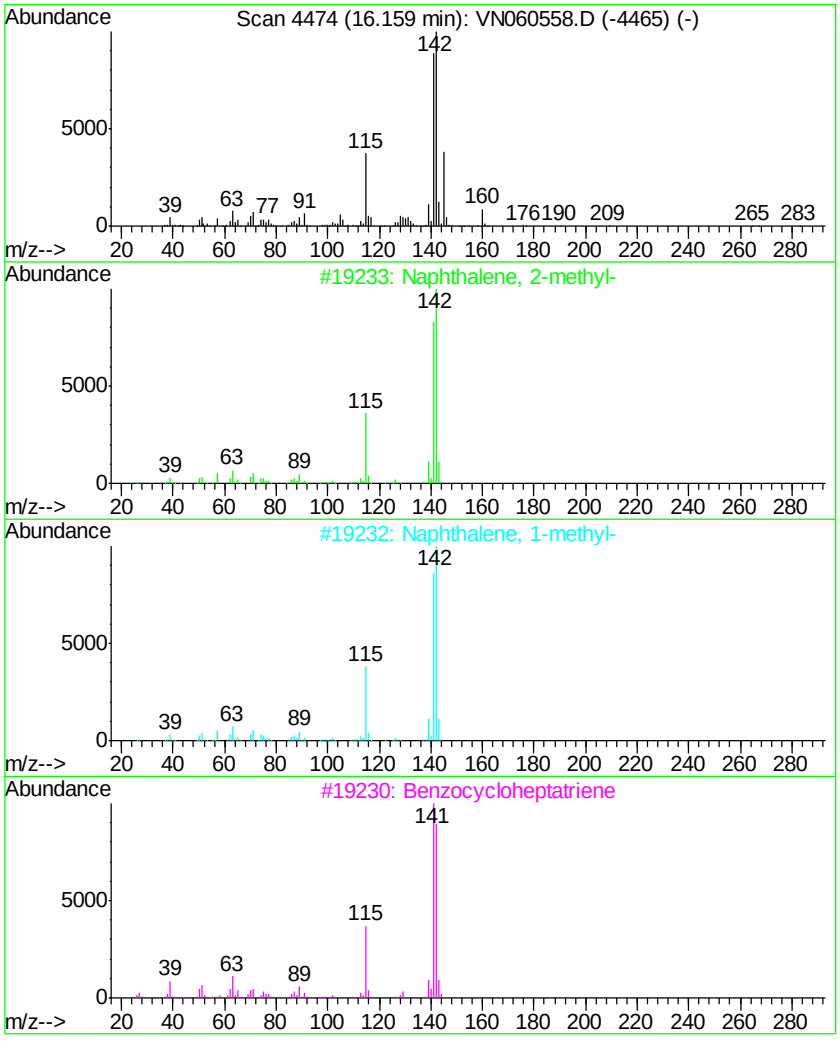
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

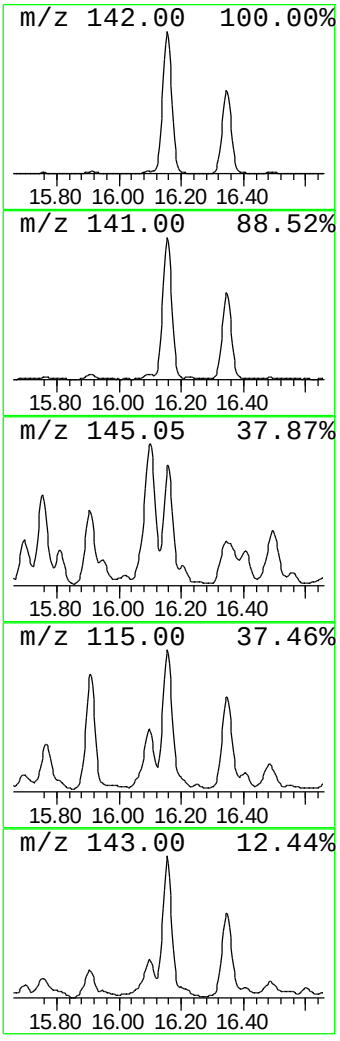
****

Peak Number 9 Naphthalene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.16	42.12 ug/l	830964	1,4-Dichlorobenzene-d4	13.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Benzocycloheptatriene	142	C11H10	000264-09-5	87
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	81
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	52





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031720\
Data File : VN060558.D
Acq On : 17 Mar 2020 15:49
Operator : JC/MD
Sample : L1946-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 40748

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.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-propenyl-	13.54	76.0	ug/l	1499720	4	13.34	986501	50.0
Benzene, (2-methy...	13.99	40.1	ug/l	790949	4	13.34	986501	50.0
Benzene, 2-etheny...	14.47	54.2	ug/l	1070000	4	13.34	986501	50.0
Naphthalene, 1,2,...	14.74	113.1	ug/l	2230630	4	13.34	986501	50.0
Benzene, (2-methy...	15.25	42.1	ug/l	830592	4	13.34	986501	50.0
Naphthalene, 1,2,...	15.61	129.8	ug/l	2561470	4	13.34	986501	50.0
Naphthalene, 1-me...	16.16	42.1	ug/l	830964	4	13.34	986501	50.0