LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031220\
Data File : VD065495.D
Acq On : 12 Mar 2020 20:41
Operator : VA/SY
Sample : L1761-06
Misc : 5.78G/5.00ml/MSVOA D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : SU-01-031220

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_D\METHOD\82D030420S.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	2.632	116	121	125	rBV7	5962	11271	3.29%	0.412%
2	3.162	209	211	215	rBV3	2199	3621	1.06%	0.132%
3	4.956	511	516	519	rBV3	1836	3597	1.05%	0.131%
4	7.920	1010	1020	1025	rBV	63948	155111	45.26%	5.663%
5	7.985	1025	1031	1041	rVB	90238	193836	56.56%	7.077%
6	8.338	1083	1091	1100	rBV	67396	154133	44.97%	5.627%
7	8.867	1173	1181	1190	rBV	119304	244580	71.36%	8.930%
8	10.344	1423	1432	1441	rBV	186379	342737	100.00%	12.513%
9	10.726	1492	1497	1501	rBV4	4058	6031	1.76%	0.220%
10	11.650	1647	1654	1665	rVB	193430	334521	97.60%	12.213%
11	12.638	1816	1822	1833	rVB	136430	228488	66.67%	8.342%
12	13.126	1902	1905	1910	rVB4	2426	3819	1.11%	0.139%
13	13.273	1928	1930	1934	rVB4	8025	8385	2.45%	0.306%
14	13.585	1976	1983	1995	rBV	193288	326377	95.23%	11.916%
15	13.785	2009	2017	2020	rBV4	10515	18213	5.31%	0.665%
16	13.902	2035	2037	2043	rVB4	3797	4546	1.33%	0.166%
17	13.979	2046	2050	2053	rBV4	2351	3618	1.06%	0.132%
18	14.044	2057	2061	2062	rBV3	3915	5152	1.50%	0.188%
19	14.067	2064	2065	2072	rVV5	4420	6269	1.83%	0.229%
20	14.120	2072	2074	2079	rVB5	6182	9063	2.64%	0.331%
21	14.238	2089	2094	2098	rVB5	9003	14230	4.15%	0.520%
22	14.367	2112	2116	2119	rBV3	2963	3516	1.03%	0.128%
23	14.449	2126	2130	2134	rBV5	4093	6831	1.99%	0.249%
24	14.485	2134	2136	2141	rVB3	6971	9292	2.71%	0.339%
25	14.673	2164	2168	2172	rBV3	4549	6101	1.78%	0.223%
26	14.720	2172	2176	2182	rVV5	16447	31885	9.30%	1.164%
27	14.767	2182	2184	2189	rVB3	7141	7759	2.26%	0.283%
28	14.843	2189	2197	2203	rBV6	32800	66933	19.53%	2.444%
29	14.891	2203	2205	2212	rVB7	6108	9410	2.75%	0.344%
30	14.996	2217	2223	2229	rBV2	32190	55867	16.30%	2.040%
31	15.108	2237	2242	2244	rBV4	9589	15830	4.62%	0.578%
32	15.143	2246	2248	2251	rVB4	6193	7090	2.07%	0.259%
33	15.220	2254	2261	2267	rVB6	14372	32697	9.54%	1.194%
34	15.367	2282	2286	2287	rBV4	3048	3643	1.06%	0.133%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031220\
Data File : VD065495.D
Acq On : 12 Mar 2020 20:41
Operator : VA/SY
Sample : L1761-06
Misc : 5.78G/5.00ml/MSVOA D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : SU-01-031220

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_D\METHOD\82D030420S.M
Title : SW846 8260

35	15.414	2287	2294	2299	rBV4	11076	21364	6.23%	0.780%
36	15.467	2299	2303	2308	rBV5	13559	21029	6.14%	0.768%
37	15.526	2308	2313	2316	rBV6	10450	20787	6.07%	0.759%
38	15.596	2323	2325	2331	rVB6	4927	9569	2.79%	0.349%
39	15.708	2338	2344	2351	rBV6	13328	26760	7.81%	0.977%
40	15.785	2355	2357	2361	rVB4	3717	3743	1.09%	0.137%
41	15.920	2361	2380	2389	rBV5	38089	109914	32.07%	4.013%
42	16.008	2391	2395	2401	rBV6	4190	8571	2.50%	0.313%
43	16.090	2403	2409	2415	rVB8	9271	21466	6.26%	0.784%
44	16.243	2425	2435	2443	rBV4	24991	57297	16.72%	2.092%
45	16.438	2458	2468	2475	rBV10	19817	50102	14.62%	1.829%
46	16.514	2475	2481	2486	rVV5	15846	32180	9.39%	1.175%
47	16.714	2507	2515	2516	rBV5	11872	21751	6.35%	0.794%

Sum of corrected areas: 2738985

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031220\
Data File : VD065495.D
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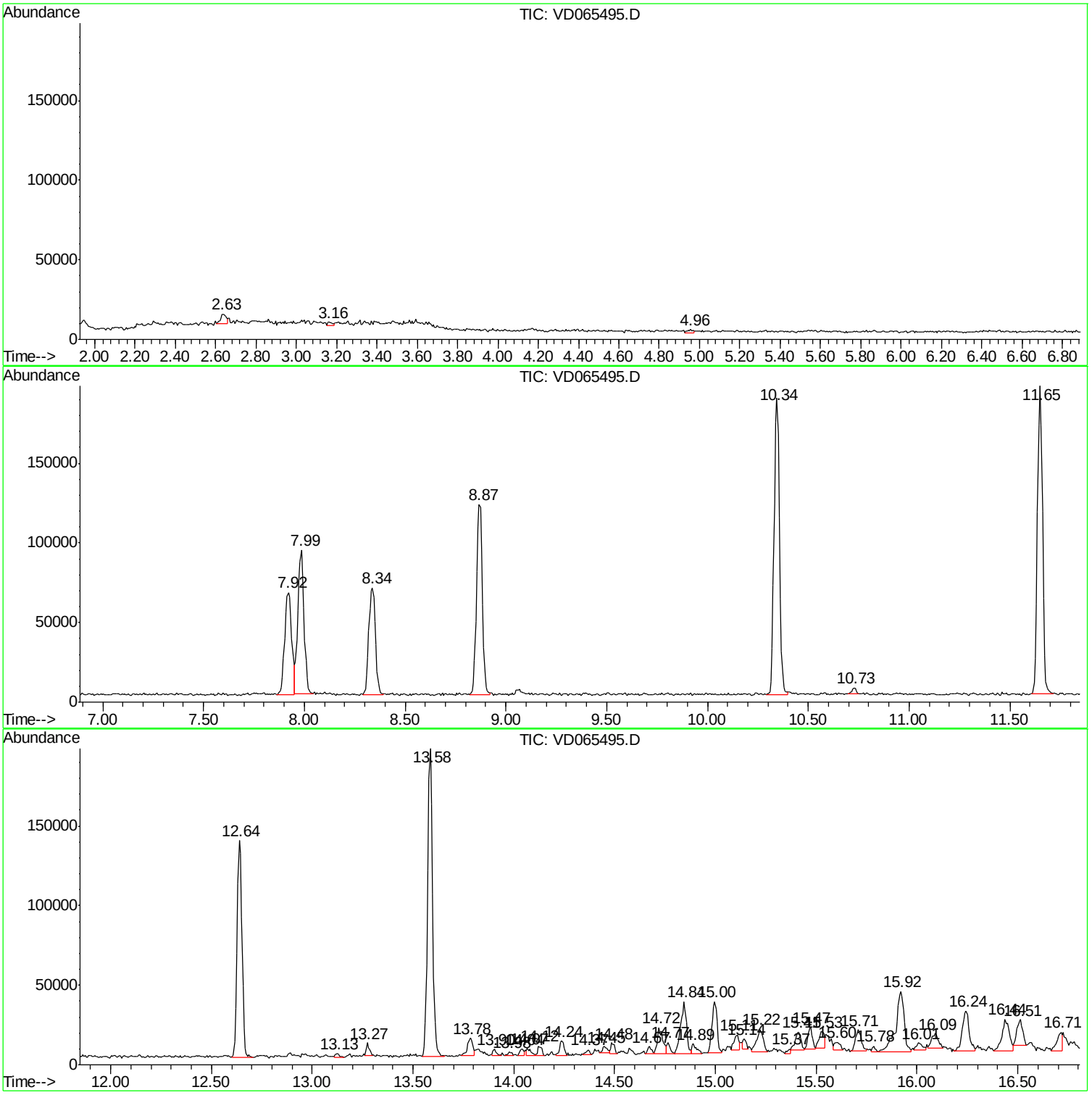
Misc : 5.78G/5.00ml/MSVOA D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SU-01-031220

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030420S.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 D\DATA\VD031220\
Data File : VD065495.D
Acq On : 12 Mar 2020 20:41
Operator : VA/SY
Sample : L1761-06
Misc : 5.78G/5.00ml/MSVOA D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : SU-01-031220

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030420S.M
Quant Title : SW846 8260

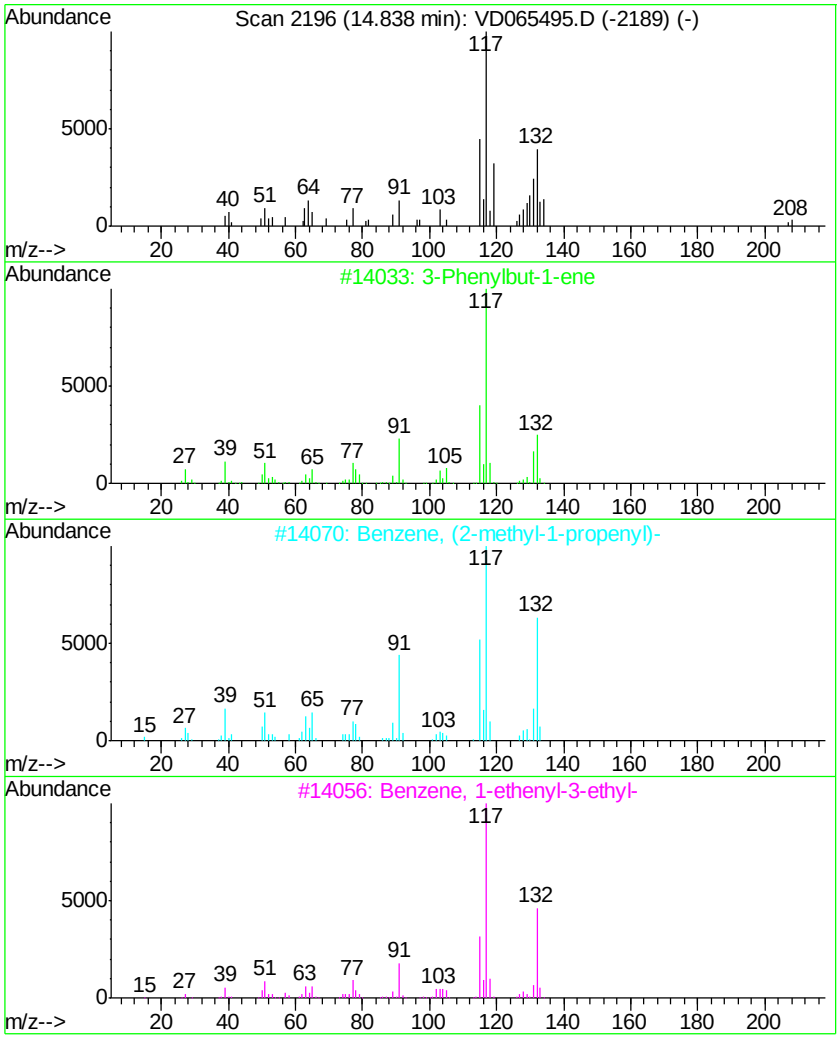
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

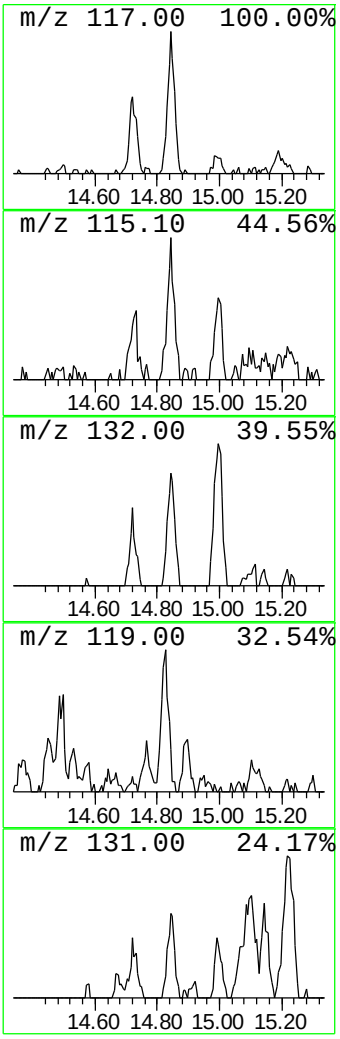
****

Peak Number 1 3-Phenylbut-1-ene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	10.25 ug/l	66933	1,4-Dichlorobenzene-d4	13.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylbut-1-ene	132	C10H12	000934-10-1	81
2	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	70
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	64
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	62
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	60





Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031220\
Data File : VD065495.D
Acq On : 12 Mar 2020 20:41
Operator : VA/SY
Sample : L1761-06
Misc : 5.78G/5.00ml/MSVOA D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : SU-01-031220

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030420S.M
Quant Title : SW846 8260

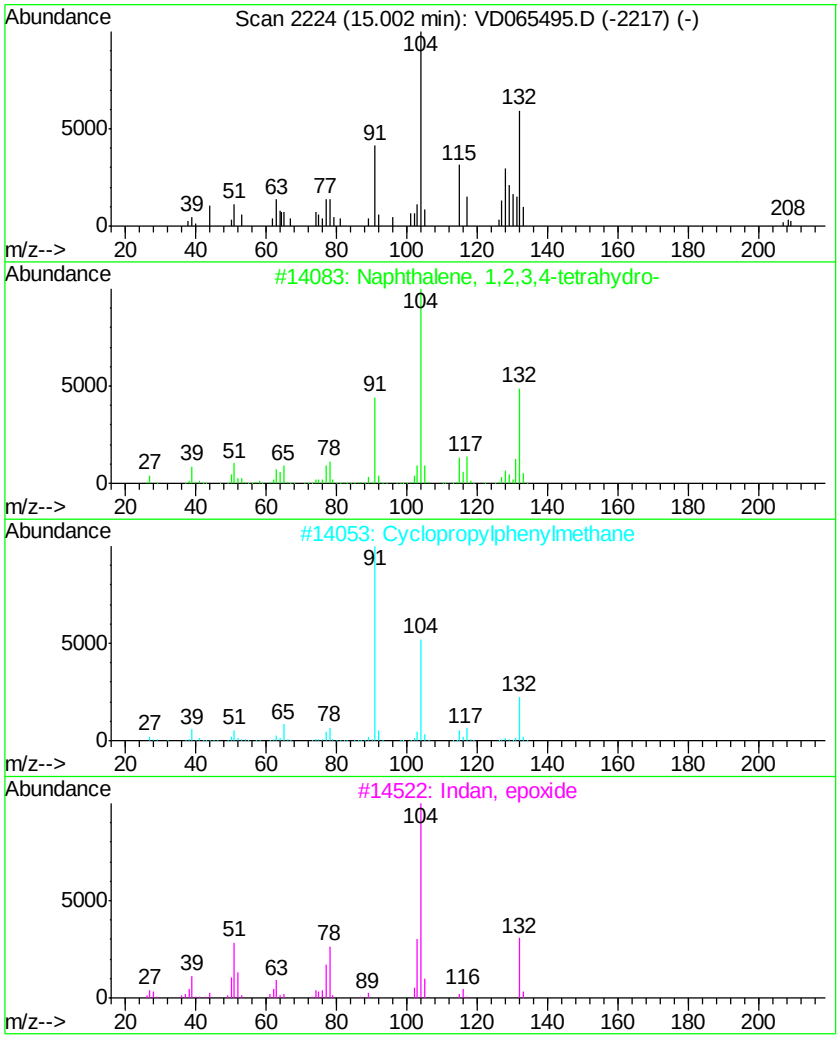
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

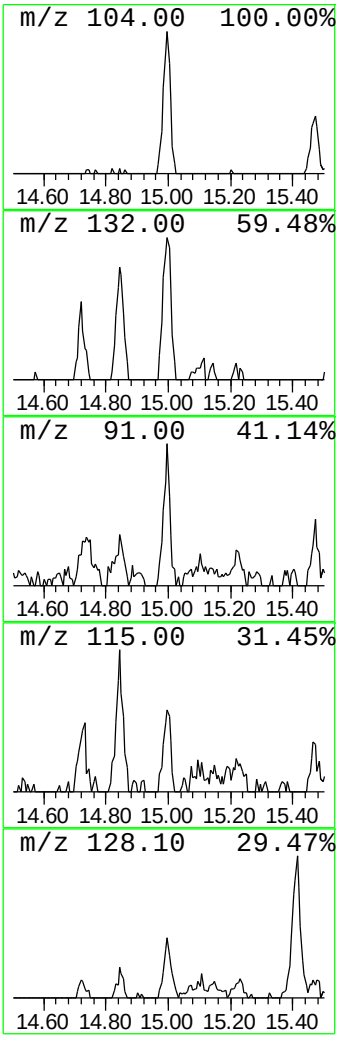
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.00	8.56 ug/l	55867	1,4-Dichlorobenzene-d4	13.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	93
2	Cyclopropylphenylmethane	132	C10H12	001667-00-1	52
3	Indan, epoxide	132	C9H8O	000768-22-9	45
4	Benzene, cyclobutyl-	132	C10H12	004392-30-7	43
5	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031220\
Data File : VD065495.D
Acq On : 12 Mar 2020 20:41
Operator : VA/SY
Sample : L1761-06
Misc : 5.78G/5.00ml/MSVOA D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : SU-01-031220

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030420S.M
Quant Title : SW846 8260

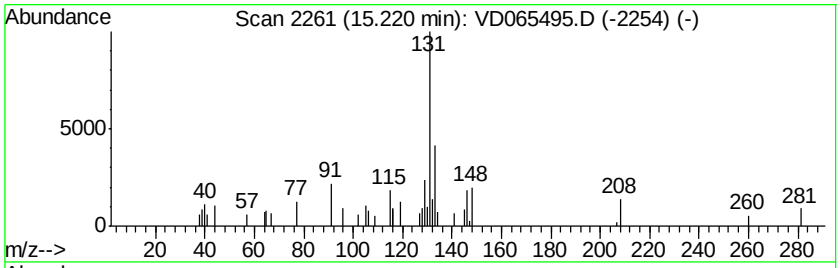
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

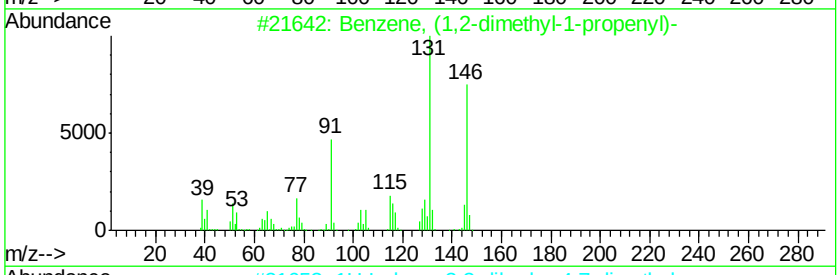
****

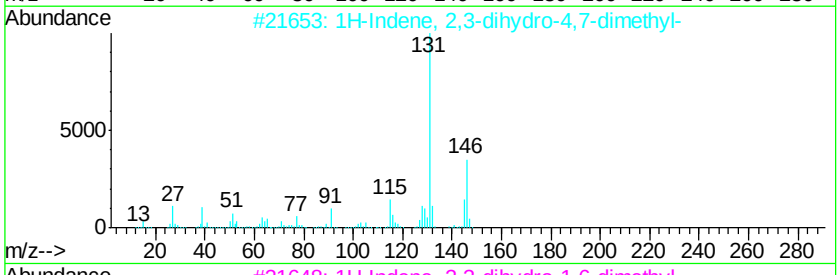
Peak Number 3 Benzene, (1,2-dimethyl-1-pr... Concentration Rank 6

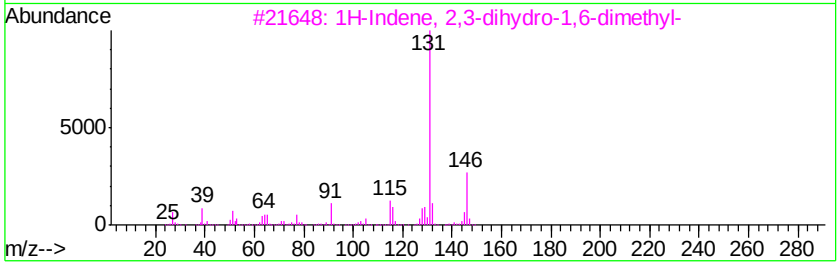
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.22	5.01 ug/l	32697	1,4-Dichlorobenzene-d4	13.58

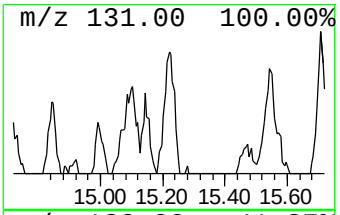
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	60
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	55
3	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	55
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	55
5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	50

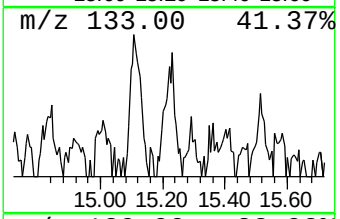


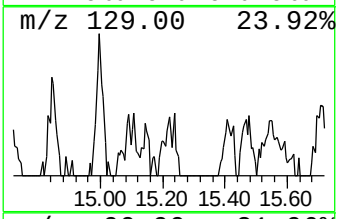


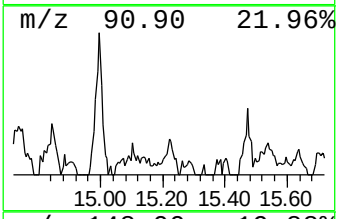


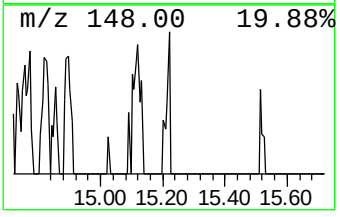












Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031220\
Data File : VD065495.D
Acq On : 12 Mar 2020 20:41
Operator : VA/SY
Sample : L1761-06
Misc : 5.78G/5.00ml/MSVOA D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : SU-01-031220

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030420S.M
Quant Title : SW846 8260

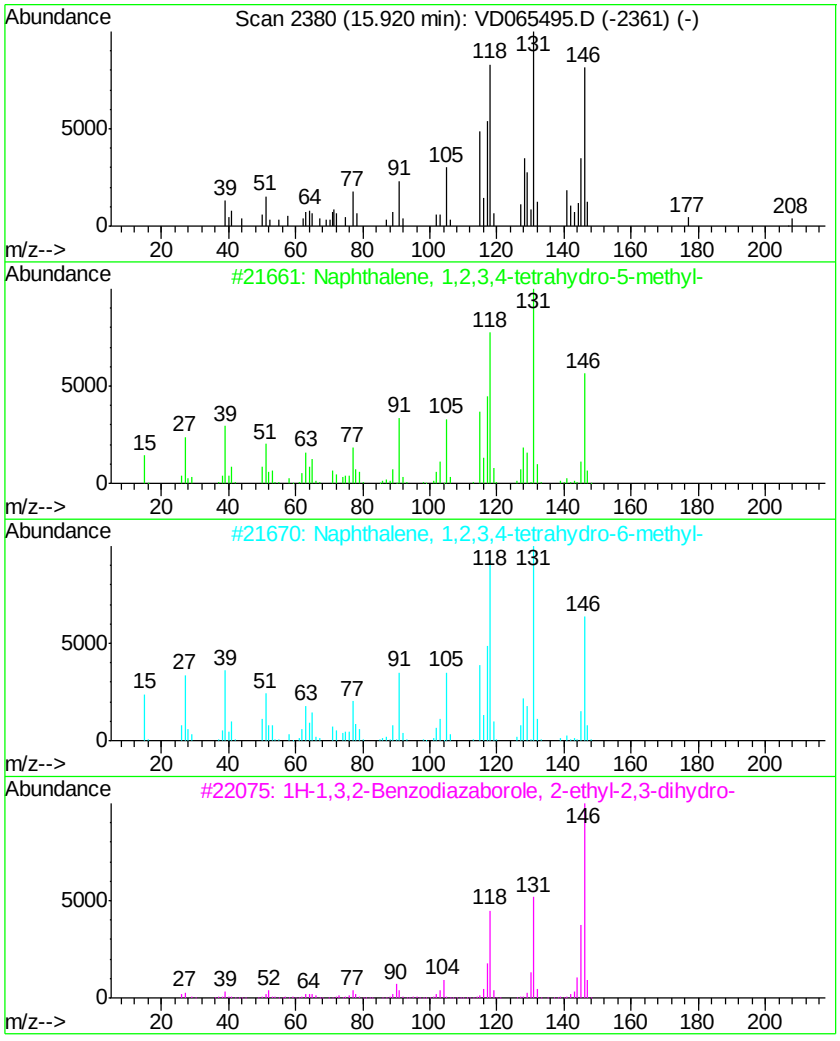
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

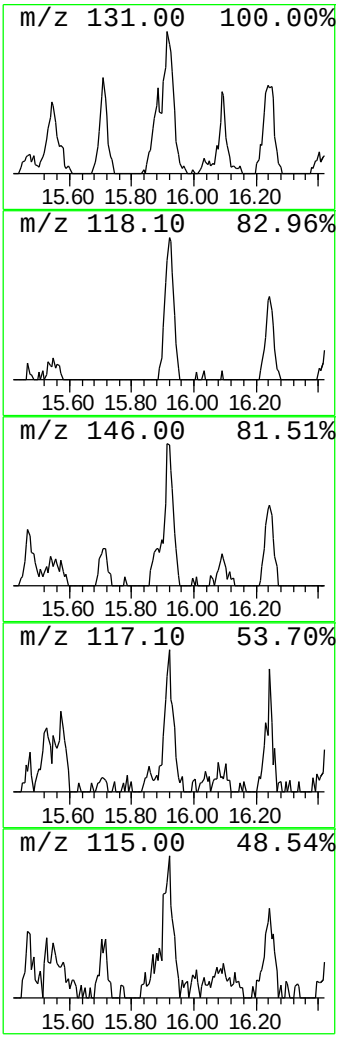
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.92	16.84 ug/l	109914	1,4-Dichlorobenzene-d4	13.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	90
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	87
3	1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	70
4	2-Propyn-1-ol, 3-(4-methylphenyl)-	146	C10H10O	016017-24-6	70
5	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	53





Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031220\
Data File : VD065495.D
Acq On : 12 Mar 2020 20:41
Operator : VA/SY
Sample : L1761-06
Misc : 5.78G/5.00ml/MSVOA D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : SU-01-031220

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030420S.M
Quant Title : SW846 8260

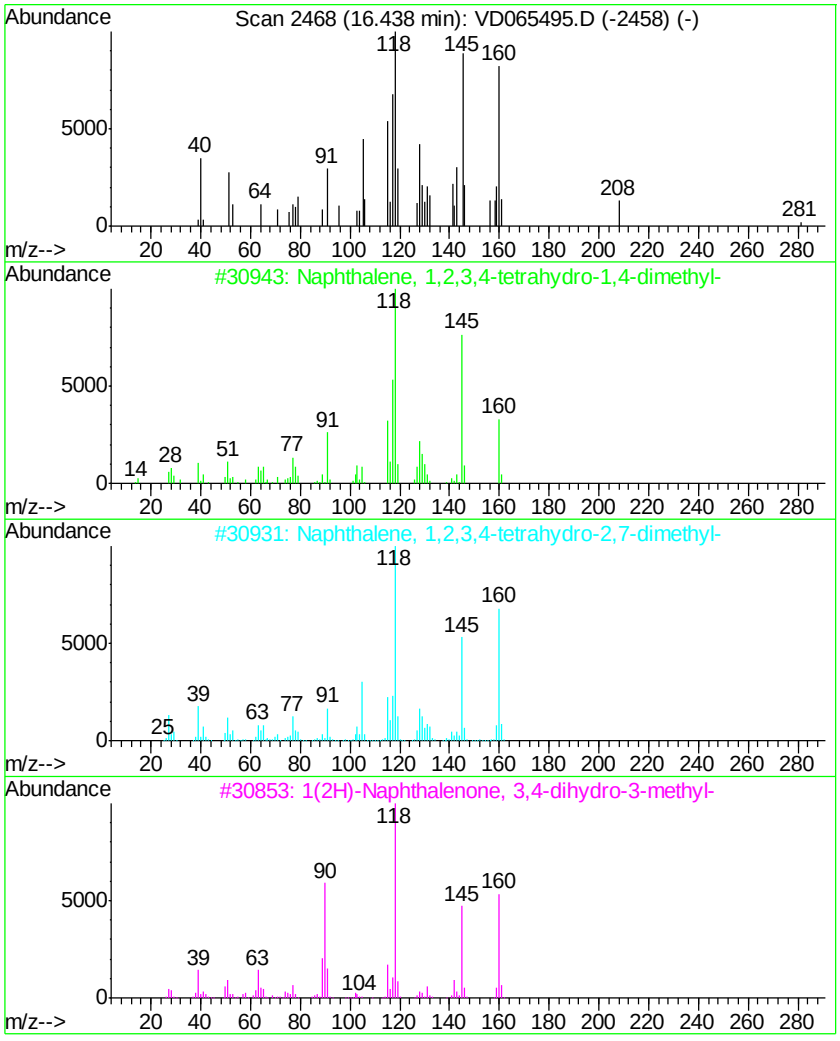
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

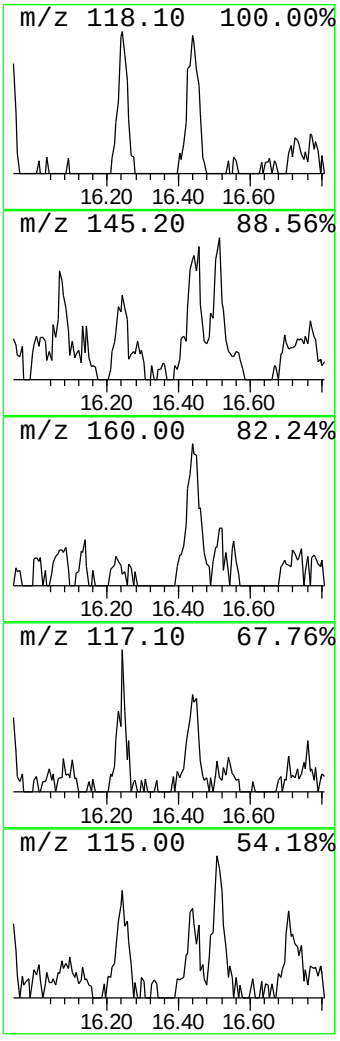
****

Peak Number 6 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.44	7.68 ug/l	50102	1,4-Dichlorobenzene-d4	13.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	76
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	46
3	1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	014944-23-1	46
4	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	45
5	2-Chloro-6-fluorophenol, methyl ...	160	C7H6ClFO	1000352-53-9	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD031220\
Data File : VD065495.D
Acq On : 12 Mar 2020 20:41
Operator : VA/SY
Sample : L1761-06
Misc : 5.78G/5.00ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : SU-01-031220

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030420S.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
3-Phenylbut-1-ene	14.84	10.3	ug/l	66933	4	13.58	326377	50.0
Naphthalene, 1,2,...	15.00	8.6	ug/l	55867	4	13.58	326377	50.0
Benzene, (1,2-dim...	15.22	5.0	ug/l	32697	4	13.58	326377	50.0
Naphthalene, 1,2,...	15.92	16.8	ug/l	109914	4	13.58	326377	50.0
Naphthalene, 1,2,...	16.44	7.7	ug/l	50102	4	13.58	326377	50.0