LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071018\
Data File : VW003863.D
Acq On : 11 Jul 2018 09:58
Operator : SY/AP
Sample : J3828-03
Misc : 5.04G/5ML/MSVOA W/SOIL
ALS Vial : 50 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EO-01-071018-B

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_W\METHOD\82W070718S.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	1.807	27	36	56	rVB	1596905	3397870	100.00%	28.144%
2	4.910	533	545	558	rBV4	9168	39867	1.17%	0.330%
3	7.153	903	913	924	rBV2	15234	42561	1.25%	0.353%
4	7.885	1023	1033	1038	rBV	147675	351163	10.33%	2.909%
5	7.946	1038	1043	1055	rVB	237452	515998	15.19%	4.274%
6	8.305	1089	1102	1116	rBV	153195	345392	10.16%	2.861%
7	8.842	1177	1190	1201	rBV	367250	723052	21.28%	5.989%
8	10.323	1424	1433	1442	rBV	544255	972163	28.61%	8.052%
9	11.634	1641	1648	1661	rBV	490742	822708	24.21%	6.814%
10	12.622	1804	1810	1819	rBV	355856	577131	16.99%	4.780%
11	12.945	1859	1863	1869	rVB3	22909	40456	1.19%	0.335%
12	13.109	1883	1890	1905	rBV7	33864	135693	3.99%	1.124%
13	13.256	1910	1914	1919	rVB	68928	105317	3.10%	0.872%
14	13.567	1959	1965	1974	rVB2	366314	656003	19.31%	5.434%
15	13.762	1993	1997	2000	rBV2	42162	64287	1.89%	0.532%
16	13.798	2000	2003	2008	rVV3	31452	53242	1.57%	0.441%
17	13.884	2012	2017	2023	rBV3	48031	75905	2.23%	0.629%
18	14.018	2035	2039	2041	rVV	29239	40752	1.20%	0.338%
19	14.048	2042	2044	2048	rVV	30081	40689	1.20%	0.337%
20	14.103	2048	2053	2058	rVB	43761	74194	2.18%	0.615%
21	14.213	2066	2071	2076	rBV	57203	91697	2.70%	0.760%
22	14.347	2088	2093	2097	rBV3	23937	44982	1.32%	0.373%
23	14.396	2097	2101	2103	rVV4	26447	41119	1.21%	0.341%
24	14.432	2104	2107	2110	rVV3	33155	56308	1.66%	0.466%
25	14.469	2110	2113	2116	rVV	45153	60159	1.77%	0.498%
26	14.512	2116	2120	2123	rVV2	29028	35995	1.06%	0.298%
27	14.701	2146	2151	2153	rBV	65714	105309	3.10%	0.872%
28	14.737	2153	2157	2162	rVB3	95379	156954	4.62%	1.300%
29	14.816	2162	2170	2176	rBV4	147496	361217	10.63%	2.992%
30	14.969	2190	2195	2202	rVB	108622	177208	5.22%	1.468%
31	15.079	2203	2213	2216	rBV3	51480	118760	3.50%	0.984%
32	15.188	2225	2231	2239	rVB2	53527	129674	3.82%	1.074%
33	15.262	2240	2243	2251	rVB6	21924	43717	1.29%	0.362%
34	15.341	2251	2256	2259	rBV5	34558	60327	1.78%	0.500%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071018\
Data File : VW003863.D
Acq On : 11 Jul 2018 09:58
Operator : SY/AP
Sample : J3828-03
Misc : 5.04G/5ML/MSVOA W/SOIL
ALS Vial : 50 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EO-01-071018-B

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_W\METHOD\82W070718S.M
Title : SW846 8260

35	15.432	2266	2271	2276	rBV	62412	114402	3.37%	0.948%
36	15.487	2276	2280	2281	rBV3	32250	39449	1.16%	0.327%
37	15.566	2289	2293	2302	rVB	103734	189379	5.57%	1.569%
38	15.670	2303	2310	2316	rBV3	56438	129216	3.80%	1.070%
39	15.841	2333	2338	2339	rVV3	37298	67640	1.99%	0.560%
40	15.877	2339	2344	2354	rVB	138943	283509	8.34%	2.348%
41	16.042	2365	2371	2377	rVB4	28333	65590	1.93%	0.543%
42	16.194	2387	2396	2401	rBV2	79454	196650	5.79%	1.629%
43	16.389	2421	2428	2434	rVV2	73036	157859	4.65%	1.308%
44	16.456	2434	2439	2443	rVV3	39994	83322	2.45%	0.690%
45	16.511	2444	2448	2454	rVB	64779	114371	3.37%	0.947%
46	16.664	2466	2473	2480	rBV9	22790	73969	2.18%	0.613%

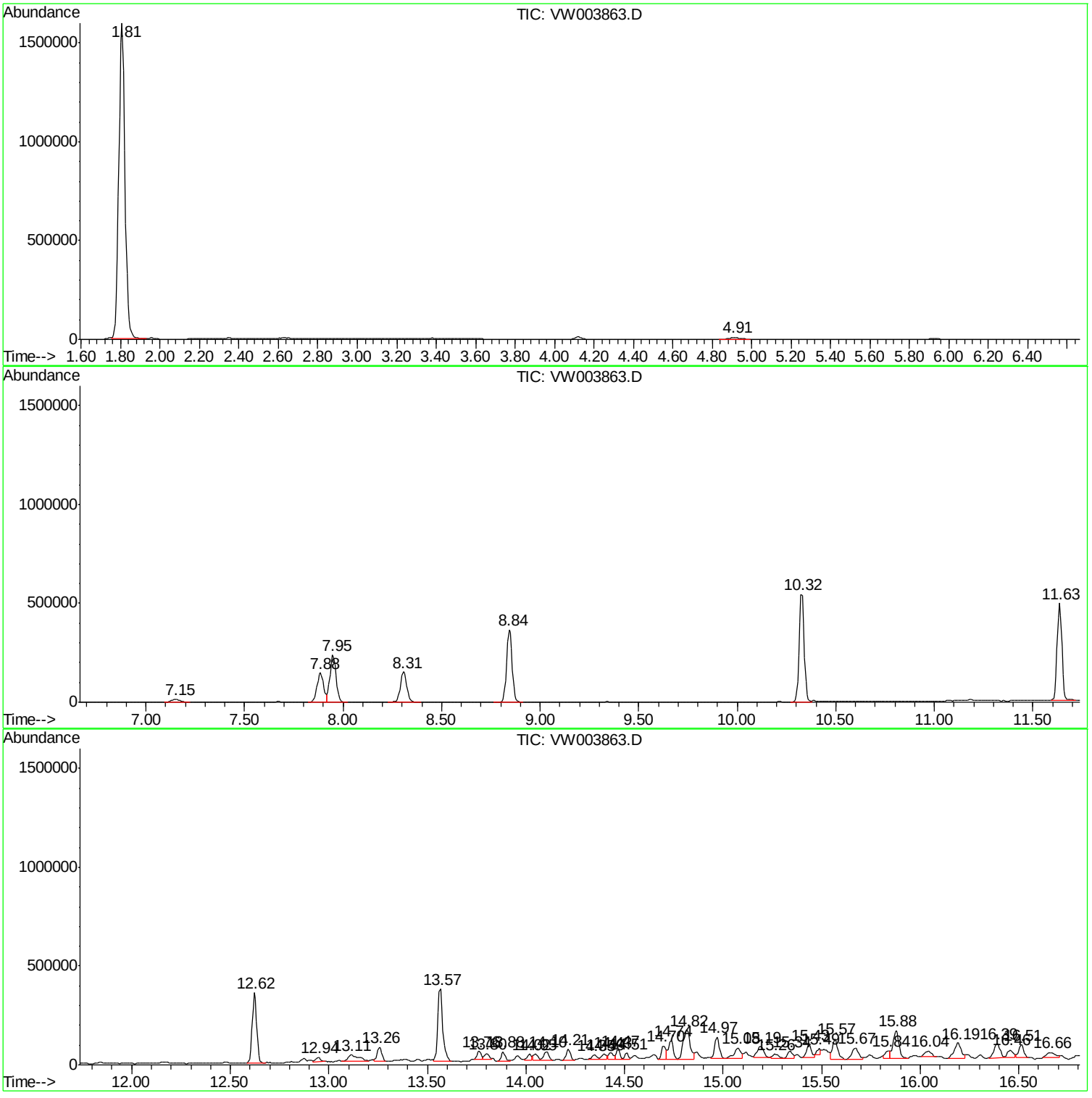
Sum of corrected areas: 12073225

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071018\
Data File : VW003863.D
Acq On : 11 Jul 2018 09:58
Operator : SY/AP
Sample : J3828-03
Misc : 5.04G/5ML/MSVOA W/SOIL
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EO-01-071018-B

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.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_W\DATA\VW071018\
Data File : VW003863.D
Acq On : 11 Jul 2018 09:58
Operator : SY/AP
Sample : J3828-03
Misc : 5.04G/5ML/MSVOA_W/SOIL
ALS Vial : 50 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EO-01-071018-B

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
Quant Title : SW846 8260

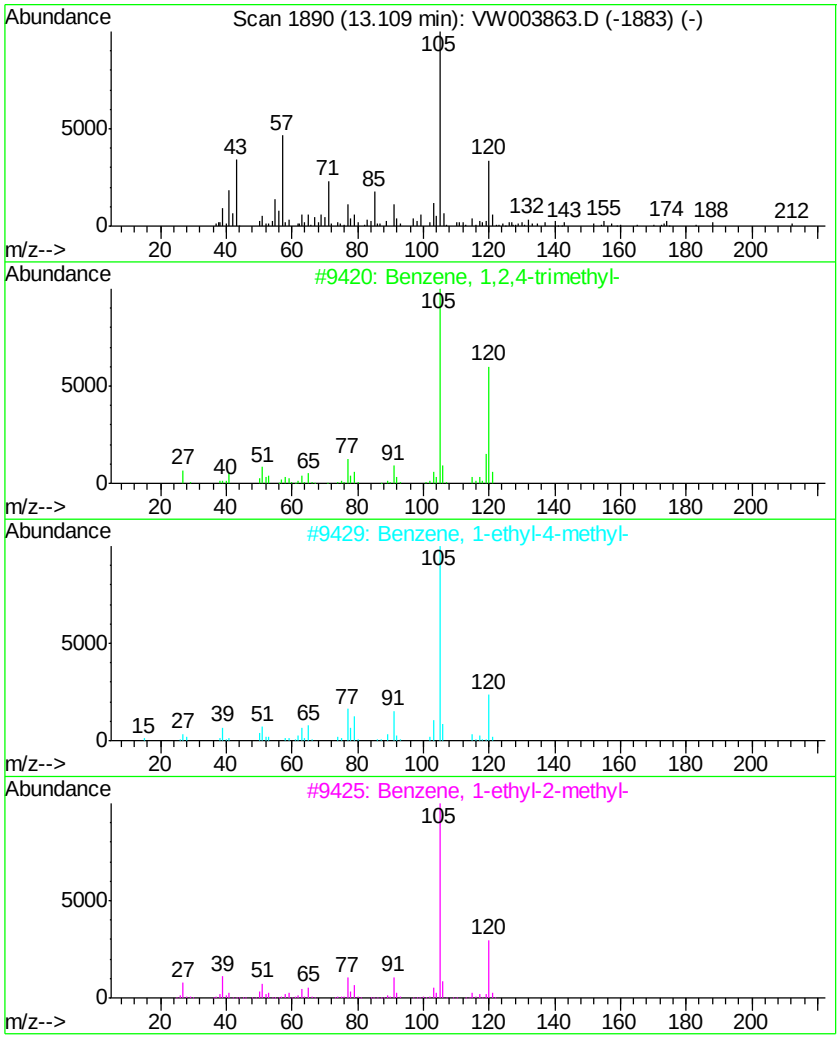
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

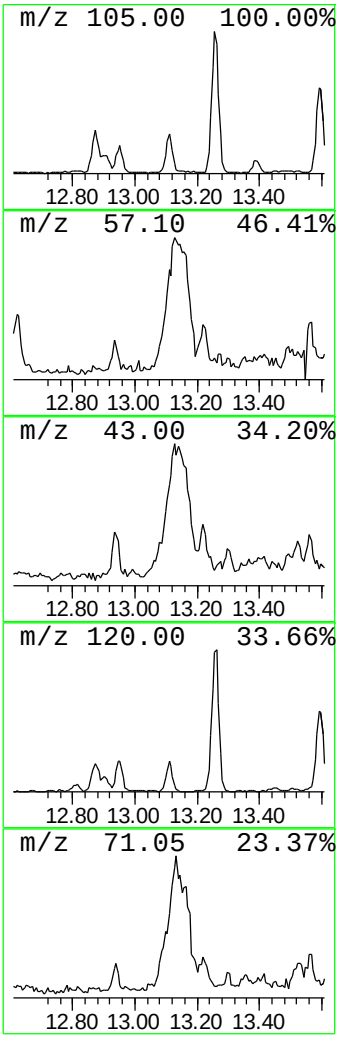
****

Peak Number 2 Benzene, 1,2,4-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.11	10.34 ug/l	135693	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	55
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	55
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	50
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	49
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	46





Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071018\
Data File : VW003863.D
Acq On : 11 Jul 2018 09:58
Operator : SY/AP
Sample : J3828-03
Misc : 5.04G/5ML/MSVOA W/SOIL
ALS Vial : 50 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EO-01-071018-B

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
Quant Title : SW846 8260

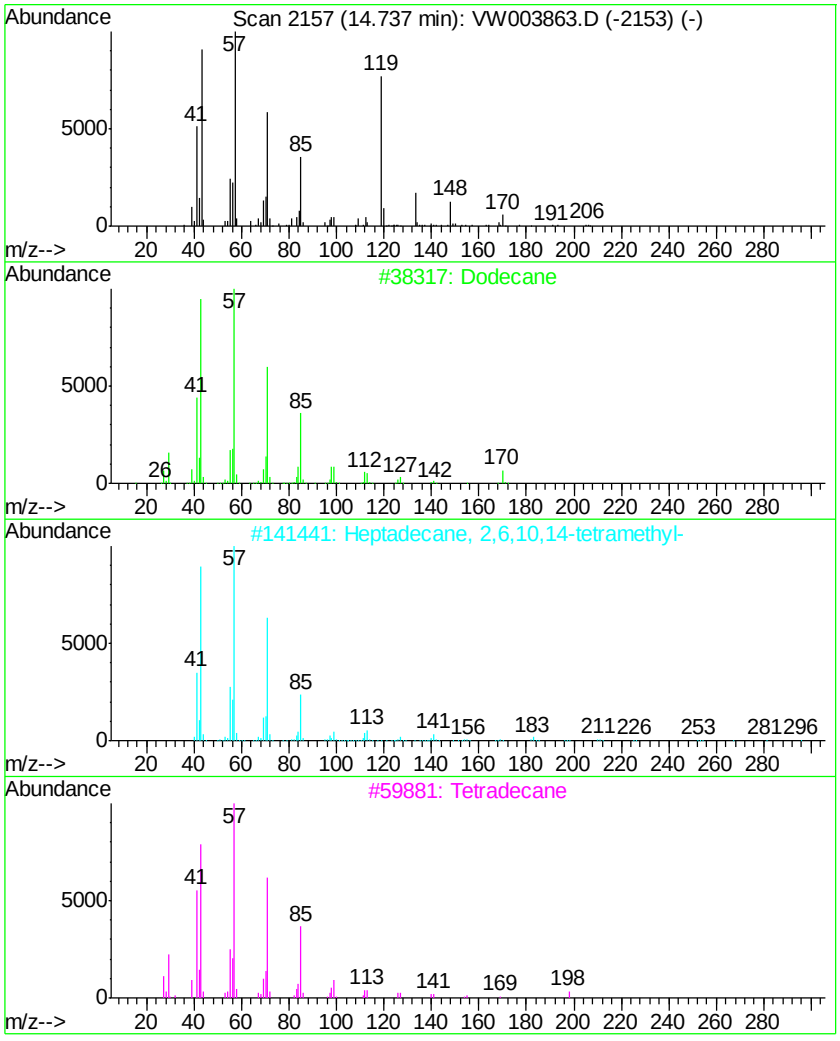
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

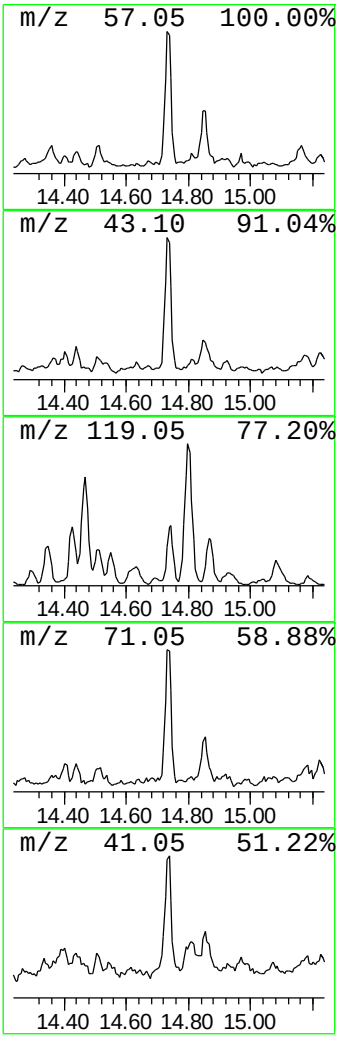
****

Peak Number 3 unknown14.74 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.74	11.96 ug/l	156954	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	46
2	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	38
3	Tetradecane	198	C14H30	000629-59-4	38
4	4'-Methylpropiophenone	148	C10H12O	005337-93-9	35
5	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	30





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071018\
Data File : VW003863.D
Acq On : 11 Jul 2018 09:58
Operator : SY/AP
Sample : J3828-03
Misc : 5.04G/5ML/MSVOA_W/SOIL
ALS Vial : 50 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EO-01-071018-B

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
Quant Title : SW846 8260

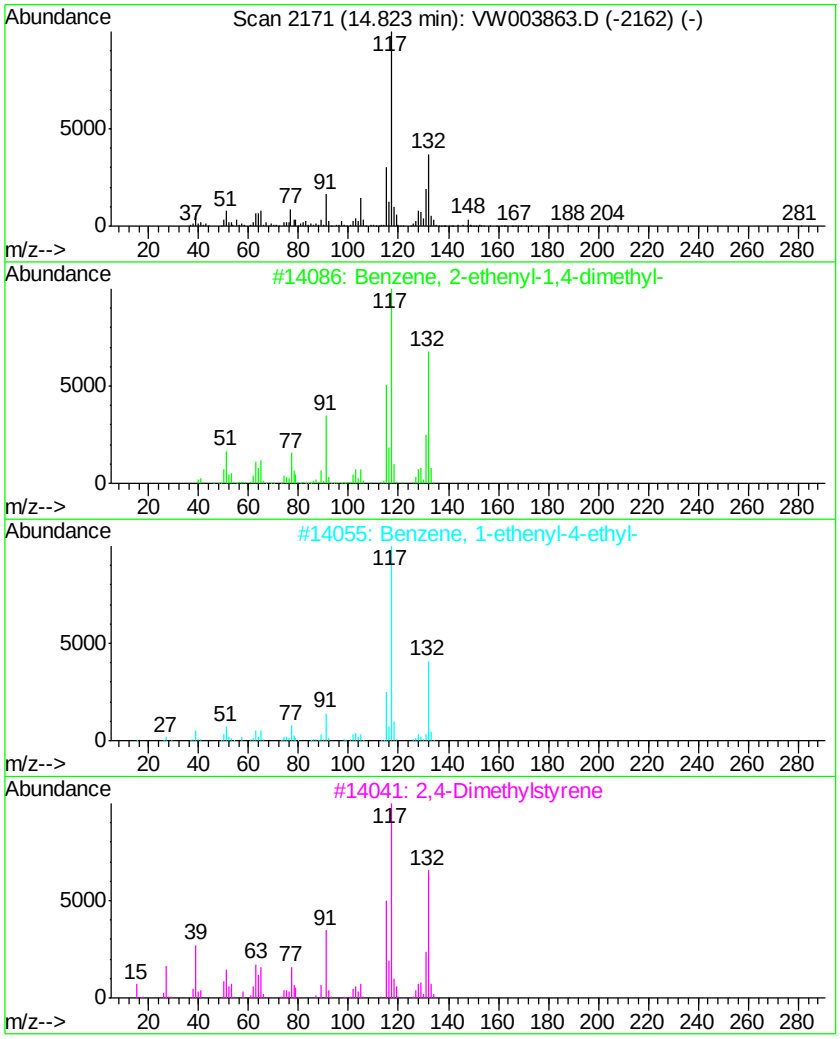
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

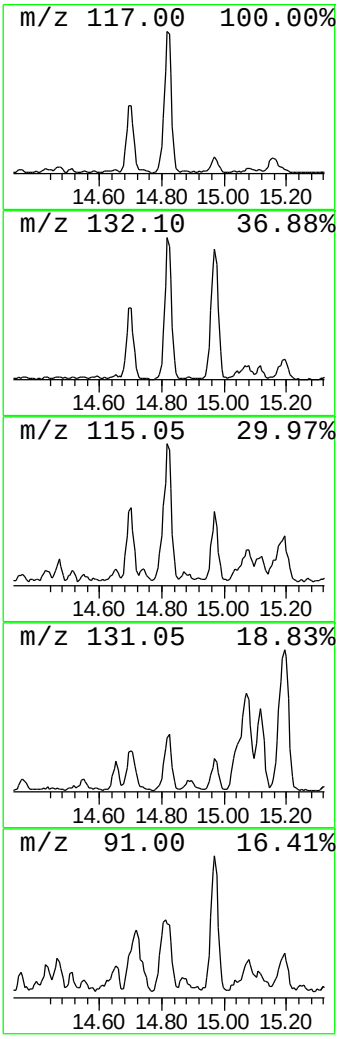
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	27.53 ug/l	361217	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	93
3	2,4-Dimethylstyrene	132	C10H12	002234-20-0	91
4	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	91
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071018\
Data File : VW003863.D
Acq On : 11 Jul 2018 09:58
Operator : SY/AP
Sample : J3828-03
Misc : 5.04G/5ML/MSVOA_W/SOIL
ALS Vial : 50 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EO-01-071018-B

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
Quant Title : SW846 8260

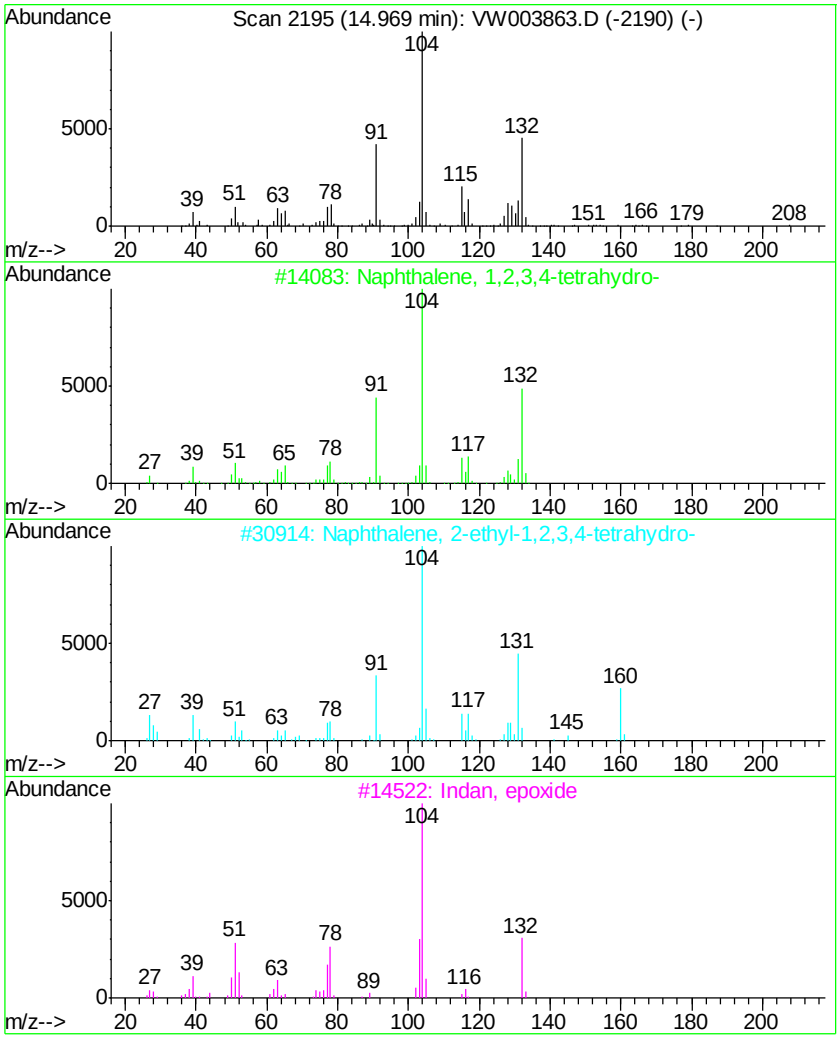
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

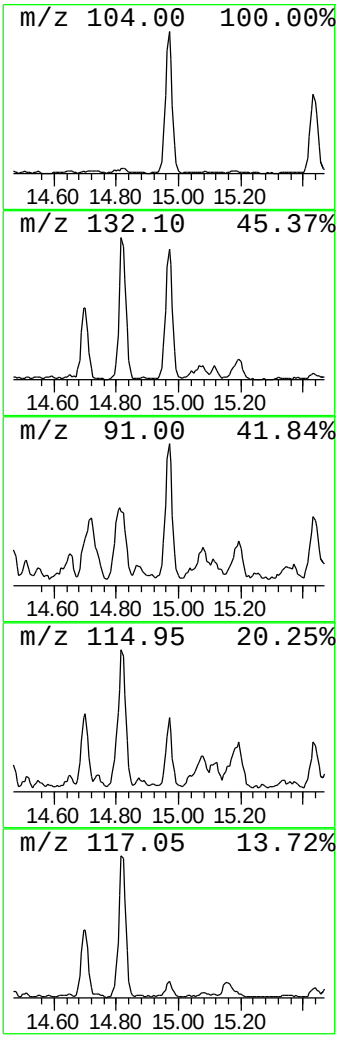
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.97	13.51 ug/l	177208	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
2	Naphthalene, 2-ethyl-1,2,3,4-tet...	160	C12H16	032367-54-7	59
3	Indan, epoxide	132	C9H8O	000768-22-9	49
4	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	47
5	2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	38





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071018\
Data File : VW003863.D
Acq On : 11 Jul 2018 09:58
Operator : SY/AP
Sample : J3828-03
Misc : 5.04G/5ML/MSVOA W/SOIL
ALS Vial : 50 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EO-01-071018-B

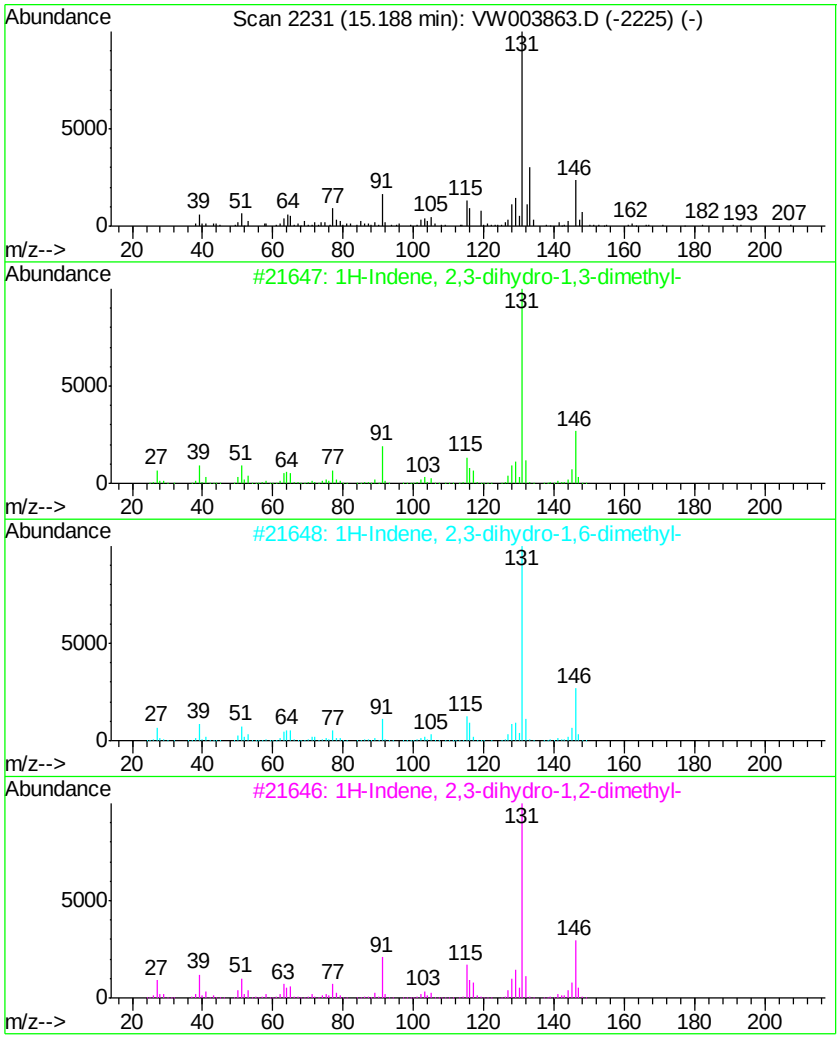
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
Quant Title : SW846 8260

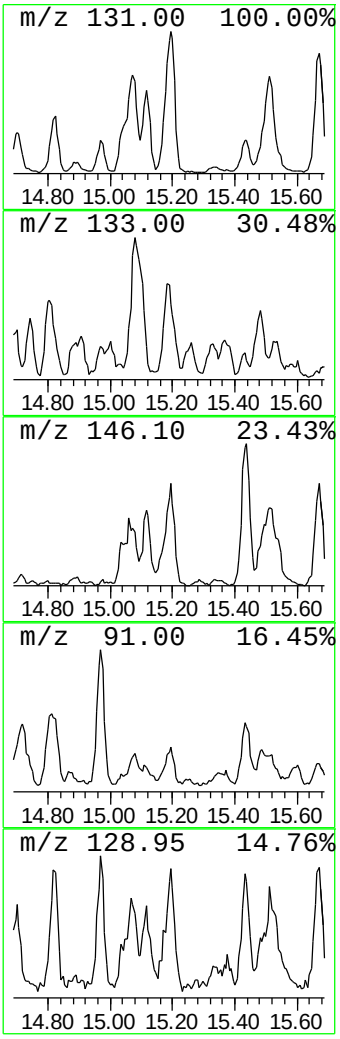
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1H-Indene, 2,3-dihydro-1,3-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	9.88 ug/l	129674	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	94
2	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	93
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	90
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	90
5	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	81





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071018\
Data File : VW003863.D
Acq On : 11 Jul 2018 09:58
Operator : SY/AP
Sample : J3828-03
Misc : 5.04G/5ML/MSVOA W/SOIL
ALS Vial : 50 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EO-01-071018-B

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
Quant Title : SW846 8260

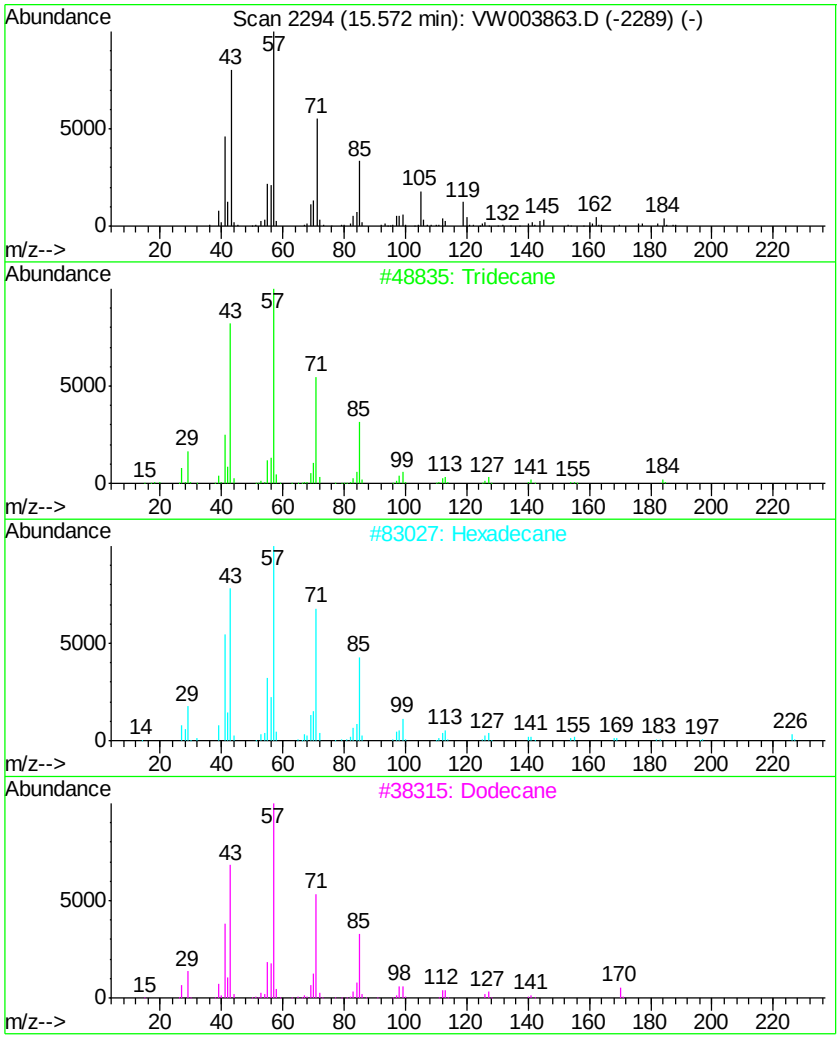
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

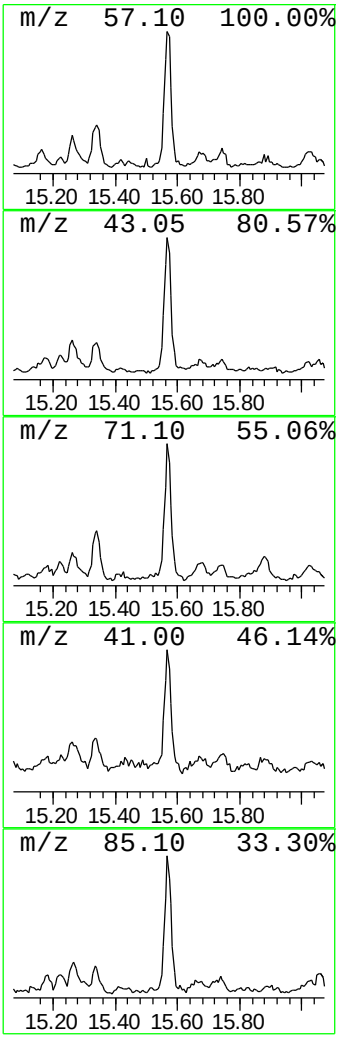
****

Peak Number 7 Tridecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.57	14.43 ug/l	189379	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	93
2	Hexadecane	226	C16H34	000544-76-3	64
3	Dodecane	170	C12H26	000112-40-3	64
4	Undecane	156	C11H24	001120-21-4	64
5	Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	59





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071018\
Data File : VW003863.D
Acq On : 11 Jul 2018 09:58
Operator : SY/AP
Sample : J3828-03
Misc : 5.04G/5ML/MSVOA_W/SOIL
ALS Vial : 50 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EO-01-071018-B

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
Quant Title : SW846 8260

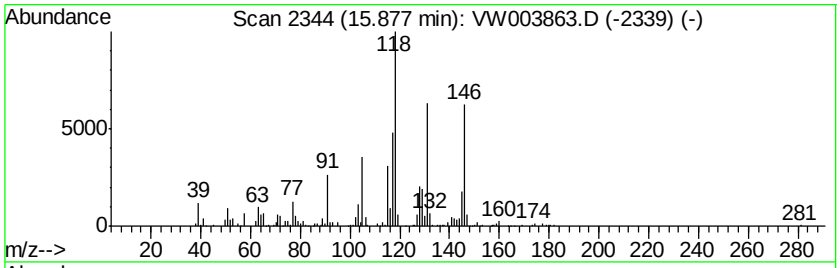
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

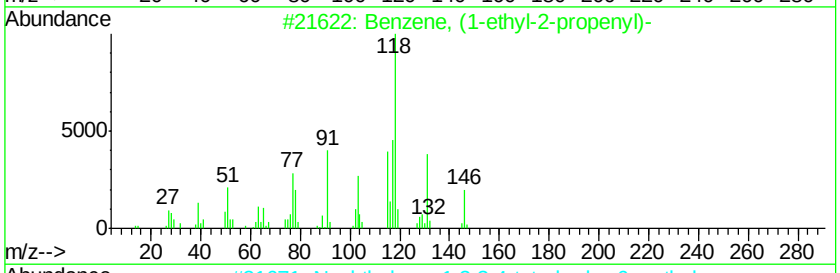
****

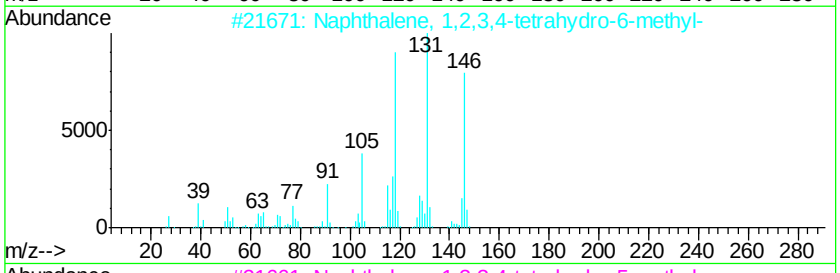
Peak Number 8 Benzene, (1-ethyl-2-propenyl)- Concentration Rank 3

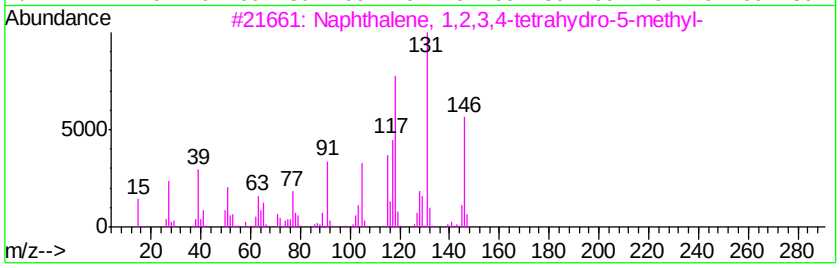
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.88	21.61 ug/l	283509	1,4-Dichlorobenzene-d4	13.57

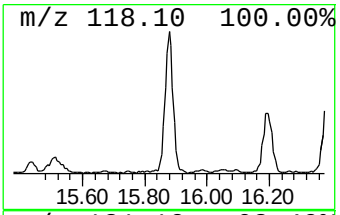
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	72
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	64
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	64
4	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	49
5	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	46

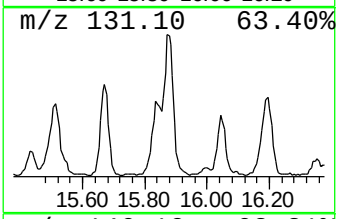


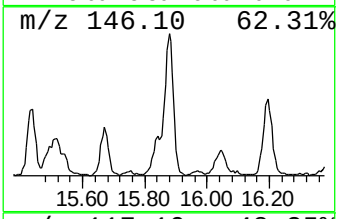


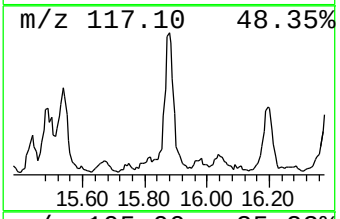


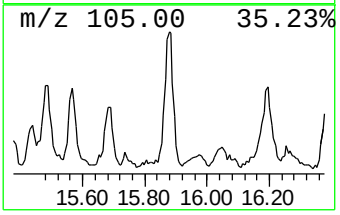












Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071018\
Data File : VW003863.D
Acq On : 11 Jul 2018 09:58
Operator : SY/AP
Sample : J3828-03
Misc : 5.04G/5ML/MSVOA W/SOIL
ALS Vial : 50 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EO-01-071018-B

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
Quant Title : SW846 8260

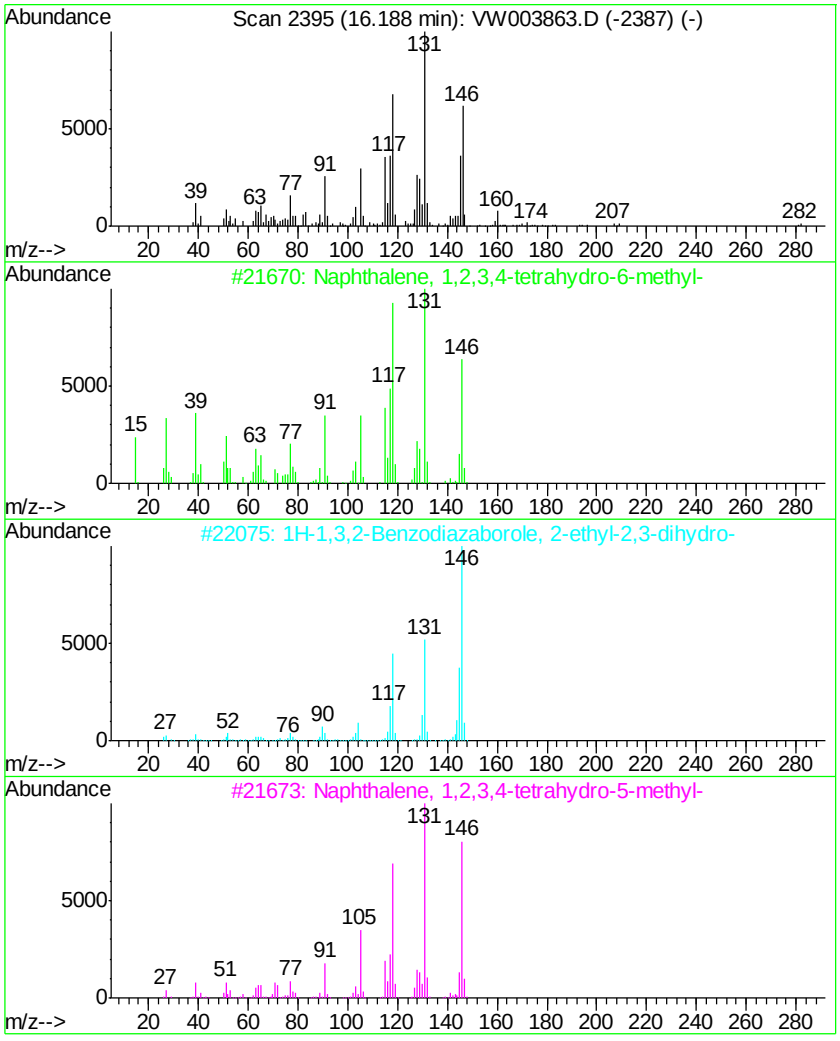
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

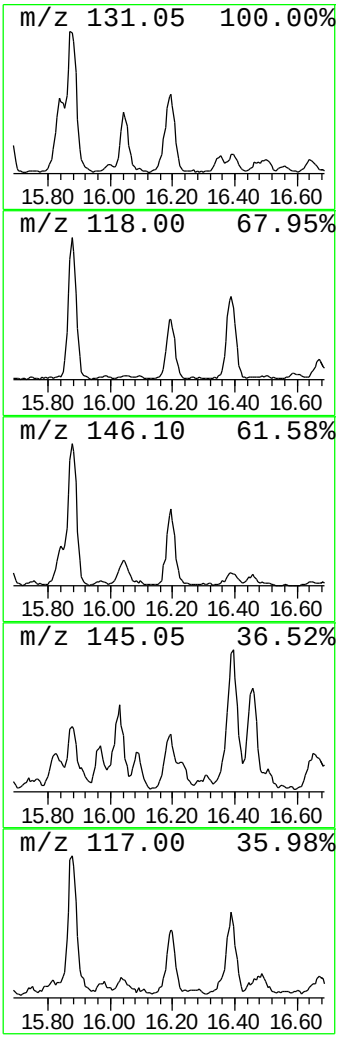
****

Peak Number 9 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.19	14.99 ug/l	196650	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	95
2	1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	90
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	87
4	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	87
5	2-Propyn-1-ol, 3-(4-methylphenyl)-	146	C10H10O	016017-24-6	68





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071018\
Data File : VW003863.D
Acq On : 11 Jul 2018 09:58
Operator : SY/AP
Sample : J3828-03
Misc : 5.04G/5ML/MSVOA_W/SOIL
ALS Vial : 50 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EO-01-071018-B

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
Quant Title : SW846 8260

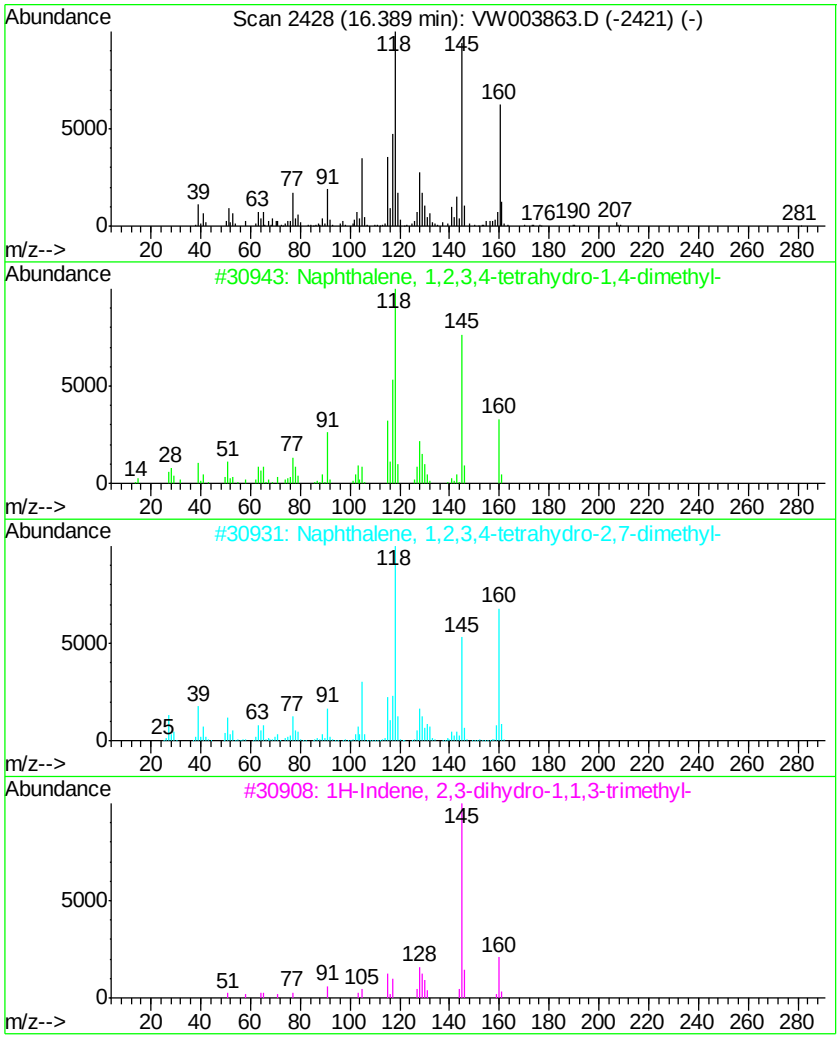
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

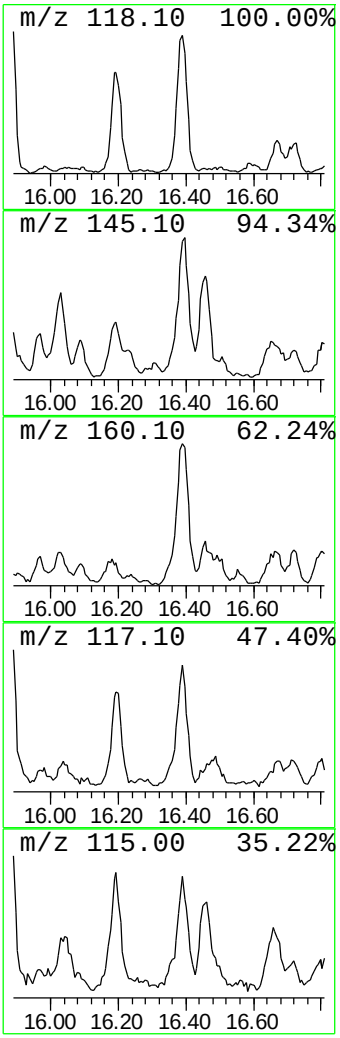
****

Peak Number 10 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.39	12.03 ug/l	157859	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	96
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	94
3	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	70
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	55
5	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071018\
Data File : VW003863.D
Acq On : 11 Jul 2018 09:58
Operator : SY/AP
Sample : J3828-03
Misc : 5.04G/5ML/MSVOA_W/SOIL
ALS Vial : 50 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EO-01-071018-B

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.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, 1,2,4-tr...	13.11	10.3	ug/l	135693	4	13.57	656003	50.0
unknown14.74	14.74	12.0	ug/l	156954	4	13.57	656003	50.0
Benzene, 2-etheny...	14.82	27.5	ug/l	361217	4	13.57	656003	50.0
Naphthalene, 1,2,...	14.97	13.5	ug/l	177208	4	13.57	656003	50.0
1H-Indene, 2,3-di...	15.19	9.9	ug/l	129674	4	13.57	656003	50.0
Tridecane	15.57	14.4	ug/l	189379	4	13.57	656003	50.0
Benzene, (1-ethyl...	15.88	21.6	ug/l	283509	4	13.57	656003	50.0
Naphthalene, 1,2,...	16.19	15.0	ug/l	196650	4	13.57	656003	50.0
Naphthalene, 1,2,...	16.39	12.0	ug/l	157859	4	13.57	656003	50.0