LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072818\
Data File : VW004250.D
Acq On : 27 Jul 2018 04:10
Operator : SY/AP
Sample : J4126-07
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : 2018-NYSEG-CLARK-AREA-10

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\82W071618S.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	28	36	58	rVB	1236963	2809574	22.99%	3.608%
2	4.910	532	545	561	rBV	63091	239278	1.96%	0.307%
3	7.885	1022	1033	1038	rBV	170698	402580	3.29%	0.517%
4	7.952	1038	1044	1054	rVB	278219	612322	5.01%	0.786%
5	8.306	1084	1102	1115	rBV	177378	412184	3.37%	0.529%
6	8.848	1182	1191	1202	rBV	462654	904204	7.40%	1.161%
7	10.330	1424	1434	1442	rBV	635965	1156199	9.46%	1.485%
8	11.451	1596	1618	1619	rBV8	86422	327211	2.68%	0.420%
9	11.634	1642	1648	1658	rVB	615113	1024836	8.39%	1.316%
10	11.738	1658	1665	1671	rVV	744249	1217061	9.96%	1.563%
11	11.841	1675	1682	1692	rVB	317465	626024	5.12%	0.804%
12	12.171	1726	1736	1745	rBV	179870	351910	2.88%	0.452%
13	12.469	1766	1785	1790	rBV2	750468	2169684	17.75%	2.786%
14	12.622	1805	1810	1821	rVB	456348	829504	6.79%	1.065%
15	12.811	1835	1841	1845	rBV	231111	359869	2.94%	0.462%
16	12.872	1845	1851	1854	rVV	1792491	2928519	23.96%	3.760%
17	12.908	1854	1857	1861	rVV	1551619	2469540	20.21%	3.171%
18	12.951	1861	1864	1883	rVB	890850	1621349	13.27%	2.082%
19	13.110	1883	1890	1898	rBV	392668	638643	5.23%	0.820%
20	13.256	1904	1914	1919	rBV	1324208	2107074	17.24%	2.706%
21	13.311	1919	1923	1927	rBV	312767	500489	4.10%	0.643%
22	13.451	1941	1946	1950	rBV	325122	491008	4.02%	0.630%
23	13.506	1950	1955	1960	rVB3	261524	448155	3.67%	0.575%
24	13.567	1960	1965	1967	rBV	451128	705885	5.78%	0.906%
25	13.591	1967	1969	1973	rVV2	331809	486844	3.98%	0.625%
26	13.634	1973	1976	1985	rVB	333283	505502	4.14%	0.649%
27	13.725	1985	1991	1994	rBV	1252662	1953193	15.98%	2.508%
28	13.768	1994	1998	2000	rVV2	875555	1553280	12.71%	1.994%
29	13.798	2000	2003	2012	rVB2	1865497	3027319	24.77%	3.887%
30	13.951	2021	2028	2033	rBV3	160618	322589	2.64%	0.414%
31	14.018	2034	2039	2041	rVV	254857	386904	3.17%	0.497%
32	14.048	2041	2044	2048	rVB	397899	560907	4.59%	0.720%
33	14.103	2048	2053	2059	rBV	1364156	2128920	17.42%	2.734%
34	14.219	2065	2072	2073	rBV2	577933	864153	7.07%	1.110%

LSC Area Percent Report

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Operator : SY/AP
Sample : J4126-07
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : 2018-NYSEG-CLARK-AREA-10

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\82W071618S.M
Title : SW846 8260

35	14.243	2074	2076	2081	rVV2	691106	953462	7.80%	1.224%
36	14.292	2081	2084	2088	rVV	218984	281308	2.30%	0.361%
37	14.347	2088	2093	2098	rVB3	164171	309583	2.53%	0.398%
38	14.426	2098	2106	2109	rBV	309238	499802	4.09%	0.642%
39	14.469	2109	2113	2116	rVV	501167	651360	5.33%	0.836%
40	14.512	2116	2120	2125	rVB	703414	940201	7.69%	1.207%
41	14.573	2125	2130	2141	rVB4	391626	1027292	8.41%	1.319%
42	14.701	2145	2151	2155	rBV	680694	1119803	9.16%	1.438%
43	14.817	2162	2170	2175	rBV3	581112	1294108	10.59%	1.662%
44	14.884	2175	2181	2188	rVV2	773544	1340693	10.97%	1.722%
45	14.969	2188	2195	2207	rBV3	2672121	7749263	63.41%	9.950%
46	15.073	2207	2212	2218	rVB3	392036	799318	6.54%	1.026%
47	15.188	2226	2231	2242	rVB3	168011	420015	3.44%	0.539%
48	15.316	2242	2252	2257	rBV3	158166	461952	3.78%	0.593%
49	15.377	2257	2262	2269	rVB4	143032	298048	2.44%	0.383%
50	15.487	2274	2280	2286	rBV2	228708	461632	3.78%	0.593%
51	15.670	2304	2310	2312	rBV	216052	398806	3.26%	0.512%
52	15.707	2312	2316	2330	rVB3	340040	1378937	11.28%	1.771%
53	15.859	2336	2341	2346	rBV2	442737	857229	7.01%	1.101%
54	15.908	2346	2349	2354	rVB	207925	350007	2.86%	0.449%
55	15.981	2354	2361	2365	rBV2	343745	824511	6.75%	1.059%
56	16.103	2377	2381	2387	rVB2	117398	241438	1.98%	0.310%
57	16.188	2387	2395	2399	rBV7	78686	205339	1.68%	0.264%
58	16.261	2401	2407	2420	rVB2	153256	471019	3.85%	0.605%
59	16.396	2420	2429	2431	rBV5	63999	144204	1.18%	0.185%
60	16.456	2432	2439	2452	rVB	2427790	5035423	41.20%	6.466%
61	16.664	2464	2473	2482	rVB	5491179	12221245	100.00%	15.693%

Sum of corrected areas: 77878711

LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072818\
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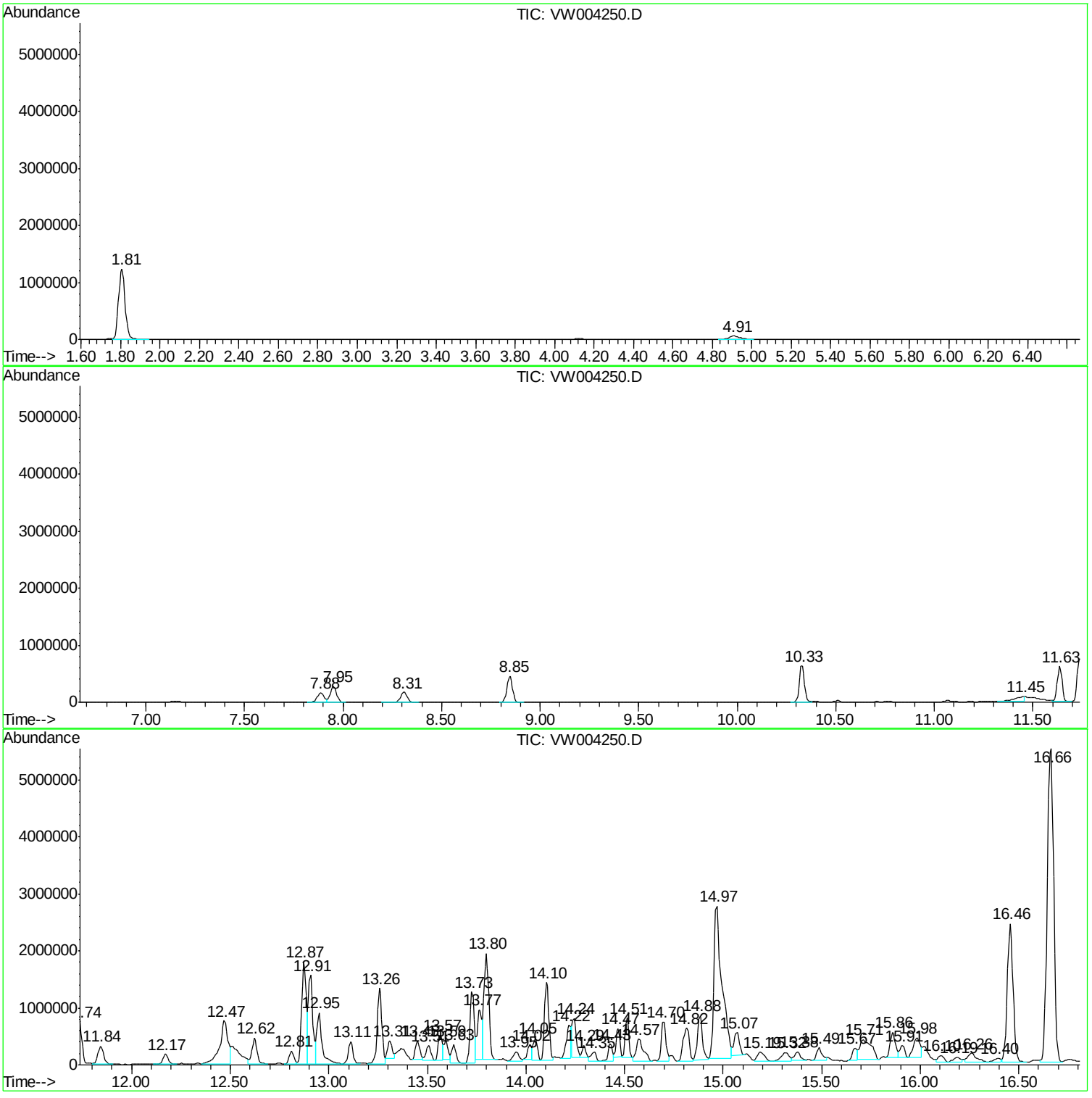
Operator : SY/AP
Sample : J4126-07
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
2018-NYSEG-CLARK-AREA-10

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
Quant Title : SW846 8260

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072818\
Data File : VW004250.D
Acq On : 27 Jul 2018 04:10
Operator : SY/AP
Sample : J4126-07
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : 2018-NYSEG-CLARK-AREA-10

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
Quant Title : SW846 8260

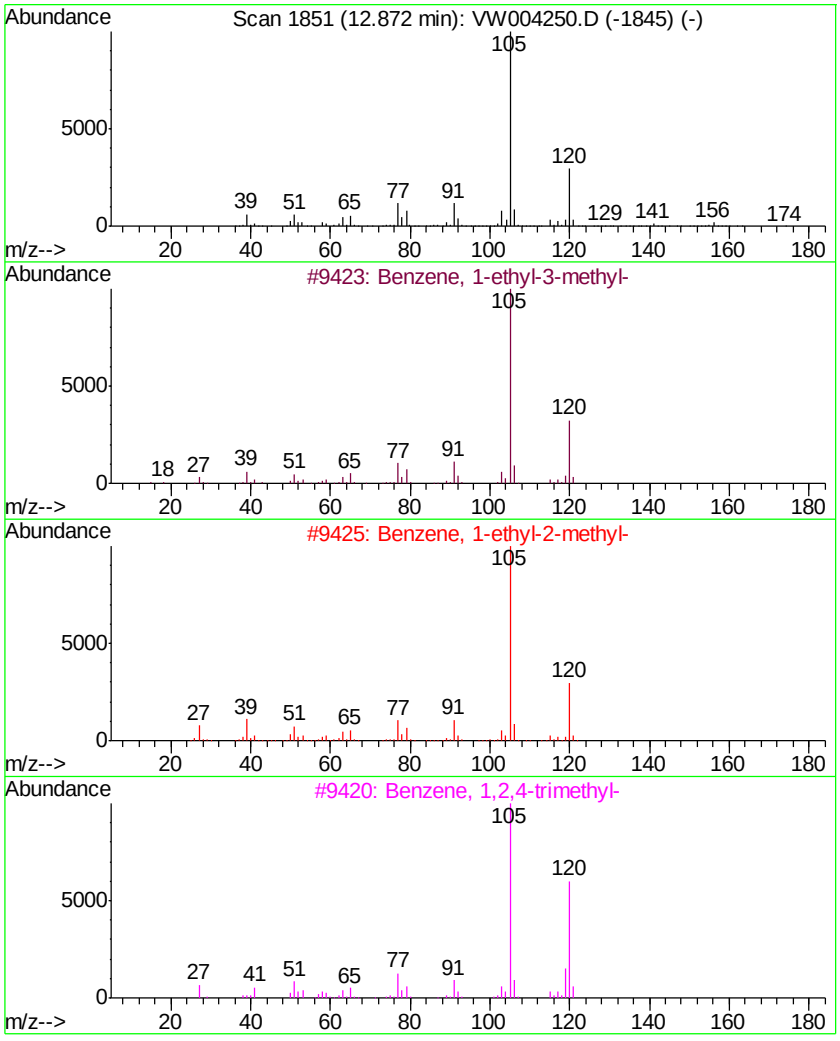
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

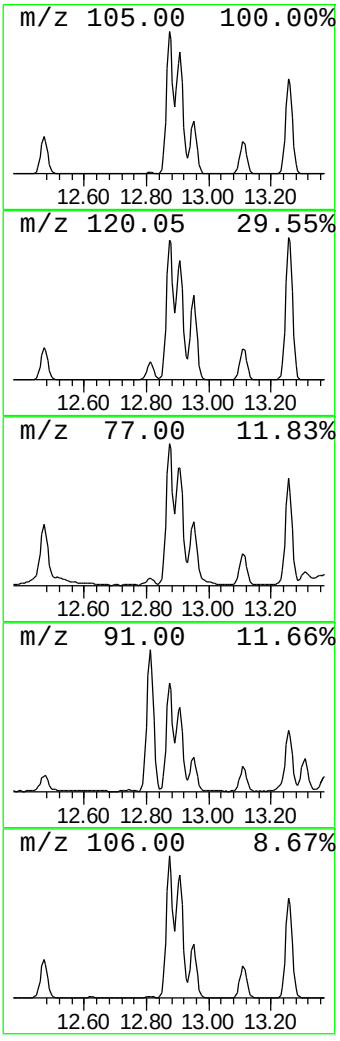
****

Peak Number 2 Benzene, 1-ethyl-3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	207.44 ug/l	2928520	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90
4	Mesitylene	120	C9H12	000108-67-8	90
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072818\
Data File : VW004250.D
Acq On : 27 Jul 2018 04:10
Operator : SY/AP
Sample : J4126-07
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : 2018-NYSEG-CLARK-AREA-10

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
Quant Title : SW846 8260

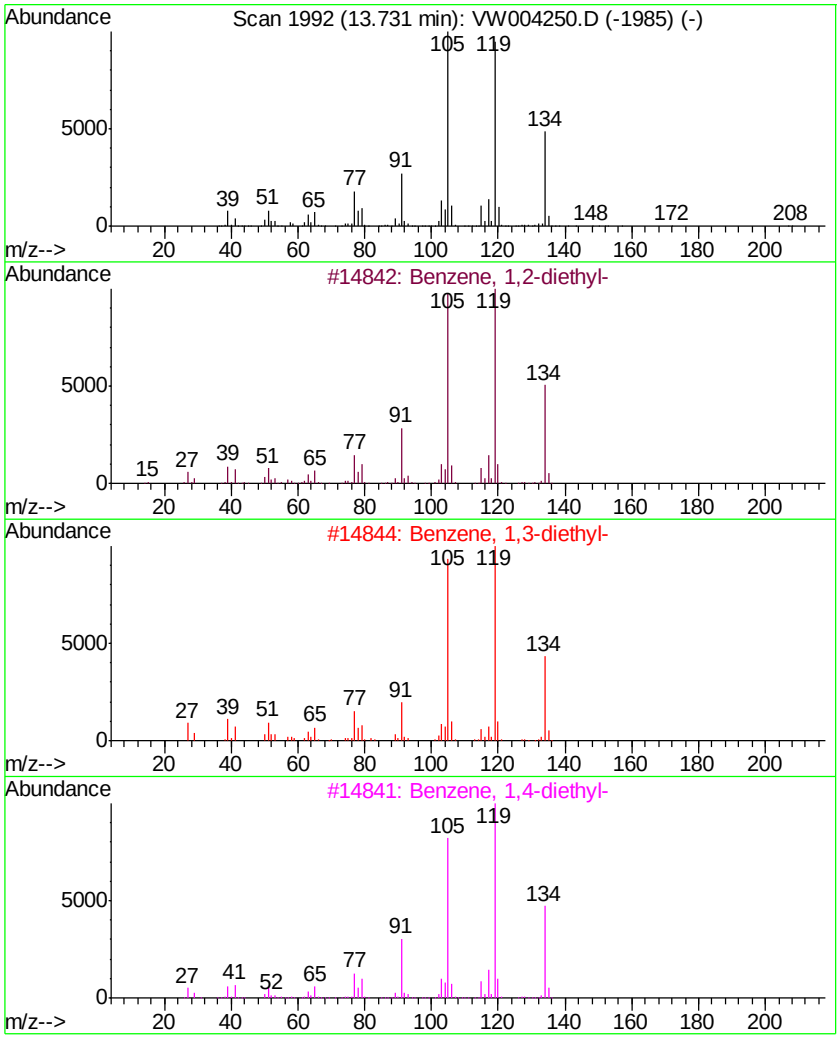
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

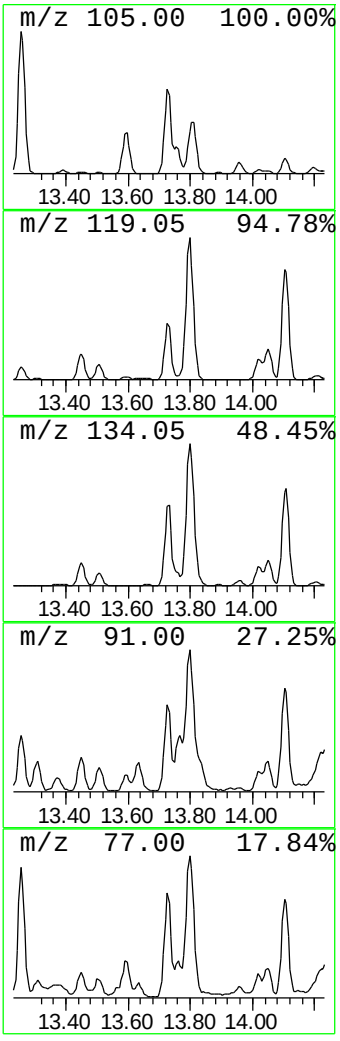
****

Peak Number 3 Benzene, 1,2-diethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	138.35 ug/l	1953190	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	96
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072818\
Data File : VW004250.D
Acq On : 27 Jul 2018 04:10
Operator : SY/AP
Sample : J4126-07
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : 2018-NYSEG-CLARK-AREA-10

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
Quant Title : SW846 8260

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

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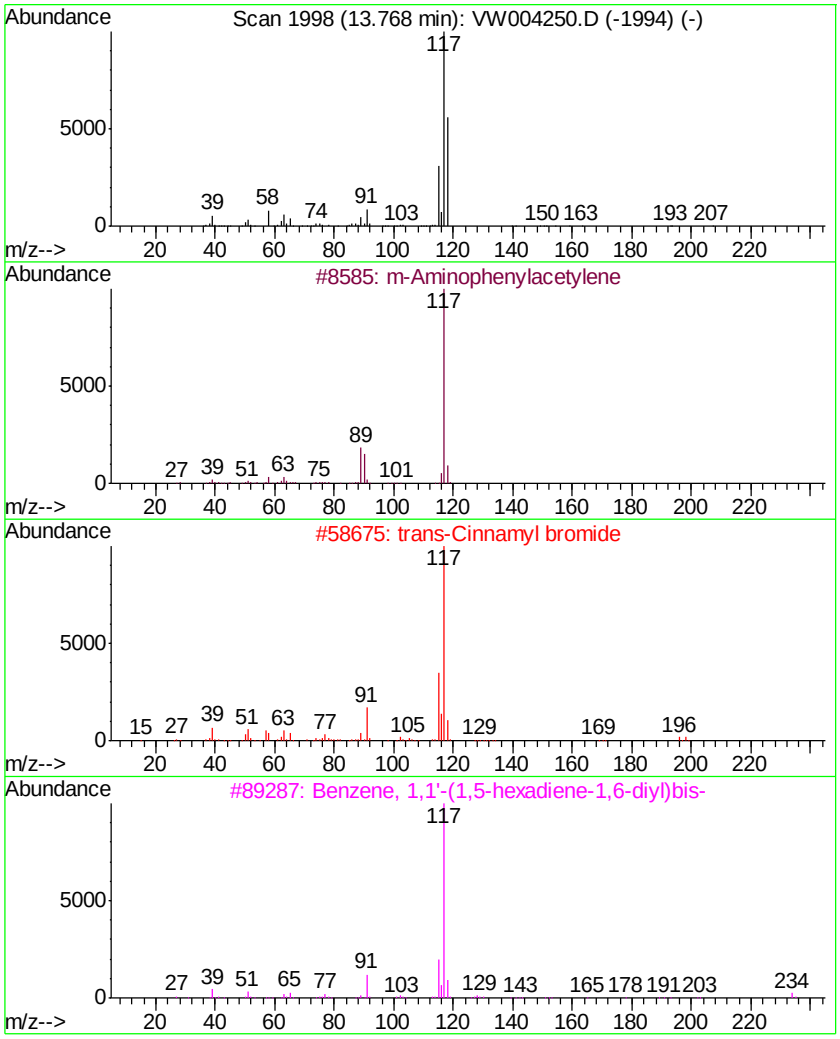
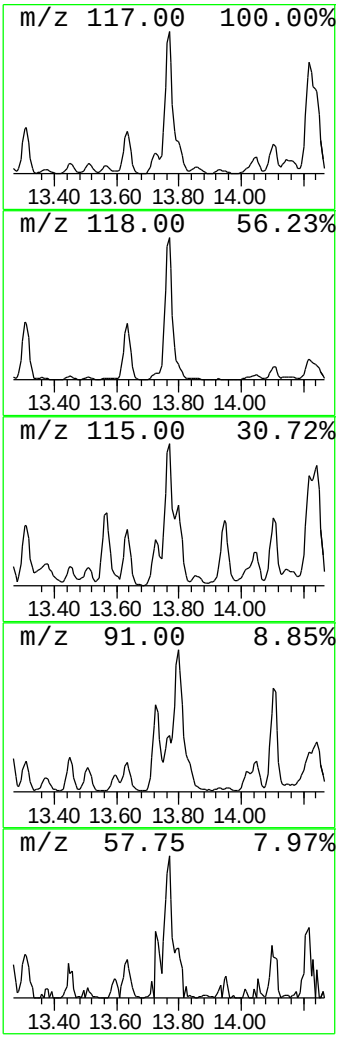
Peak Number 4 unknown13.77 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	110.02 ug/l	1553280	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	m-Aminophenylacetylene	117	C8H7N	054060-30-9	37
2	trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	36
3	Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	33
4	Benzene, (2-bromocyclopropyl)-	196	C9H9Br	036617-02-4	17
5	Bicyclo[4.2.1]nona-2,4,7-triene,...	274	C15H14Se	072065-43-1	10





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072818\
Data File : VW004250.D
Acq On : 27 Jul 2018 04:10
Operator : SY/AP
Sample : J4126-07
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : 2018-NYSEG-CLARK-AREA-10

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
Quant Title : SW846 8260

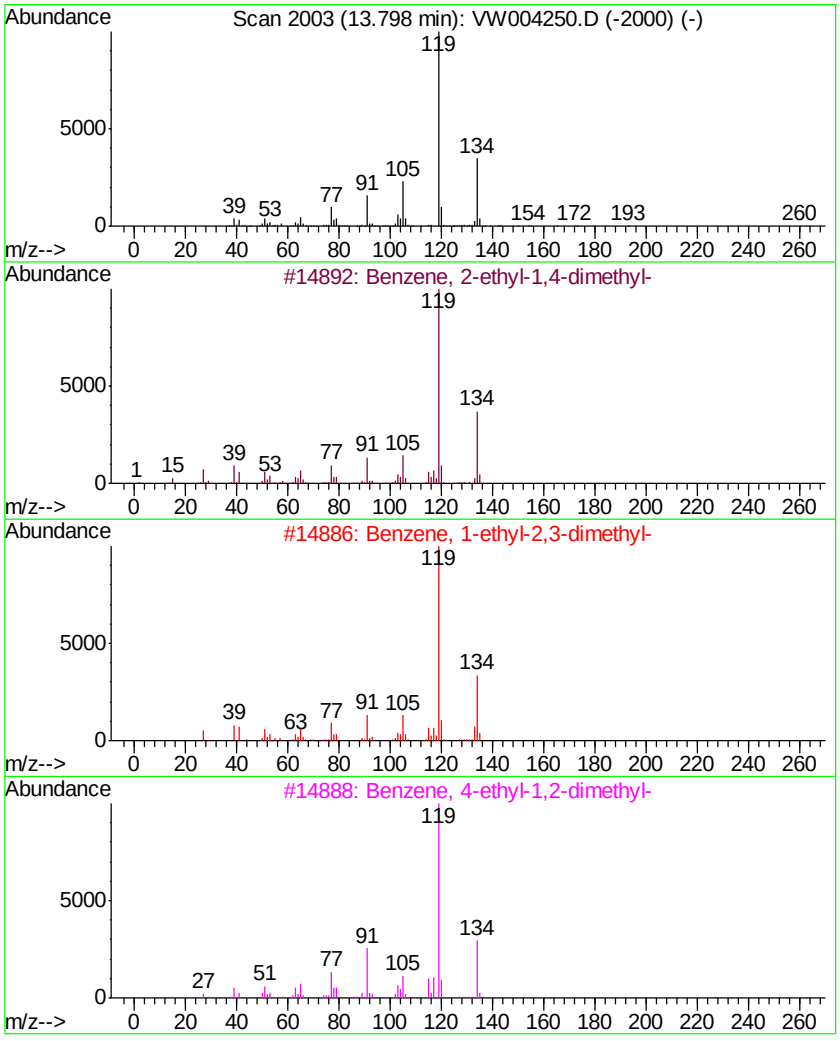
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

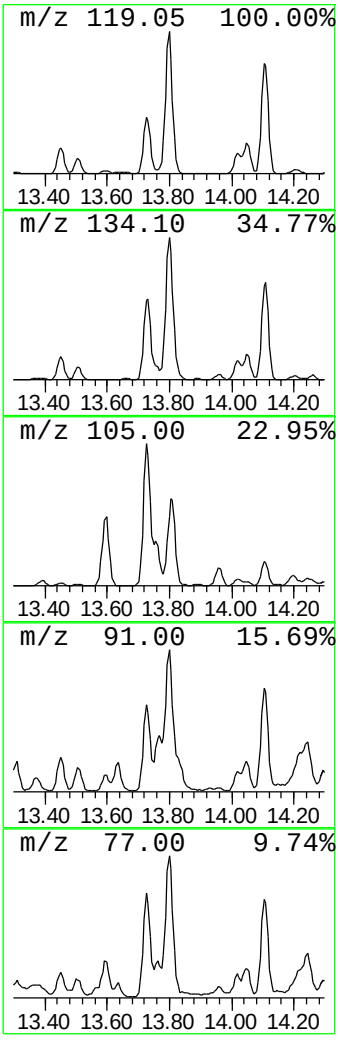
****

Peak Number 5 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	214.43 ug/l	3027320	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	87
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	83
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	83





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Operator : SY/AP
Sample : J4126-07
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : 2018-NYSEG-CLARK-AREA-10

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
Quant Title : SW846 8260

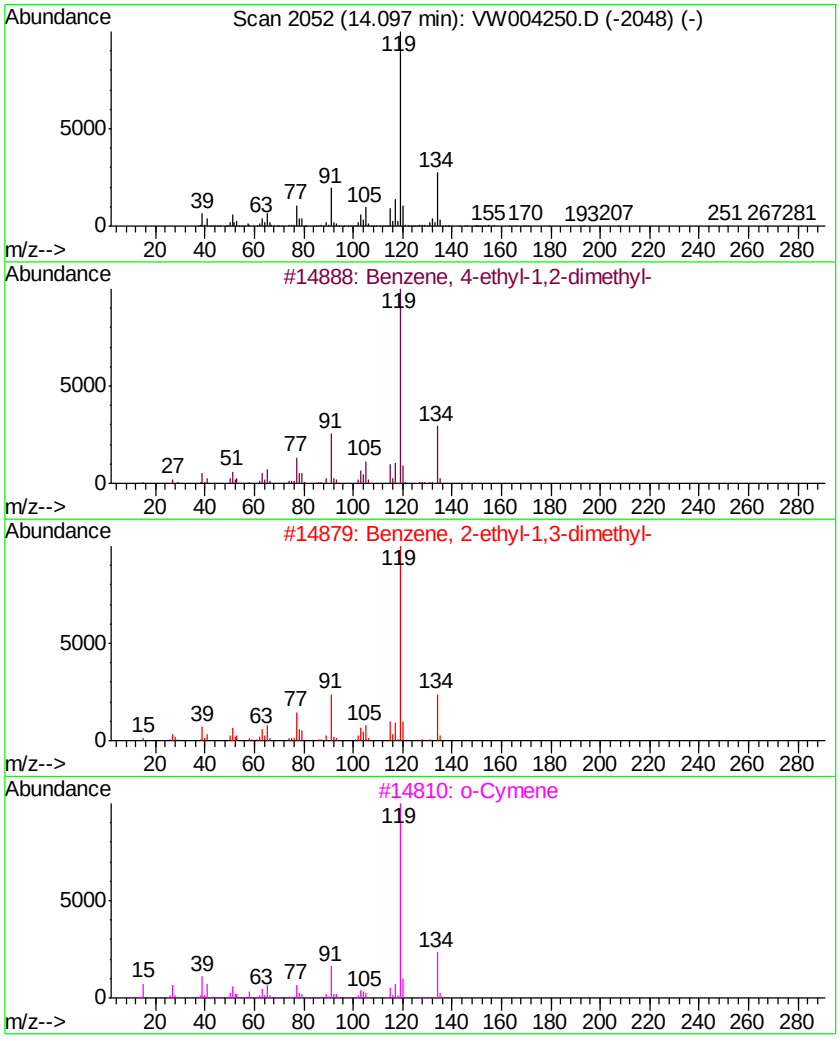
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

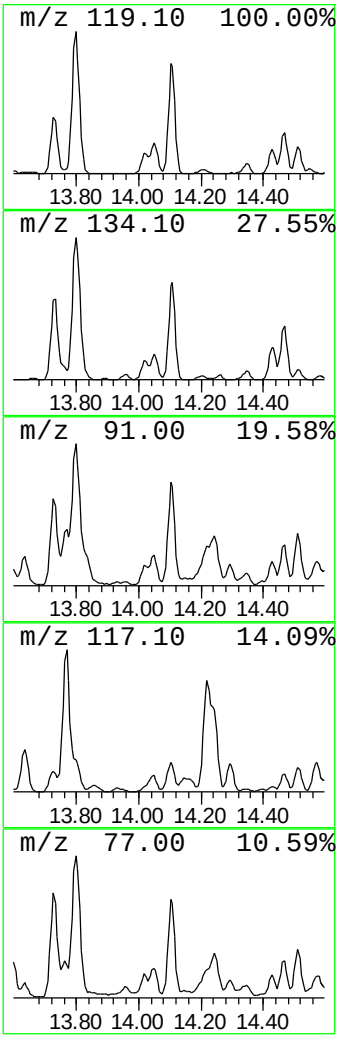
****

Peak Number 6 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	150.80 ug/l	2128920	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	p-Cymene	134	C10H14	000099-87-6	95
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95





Library Search Compound Report

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Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : 2018-NYSEG-CLARK-AREA-10

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
Quant Title : SW846 8260

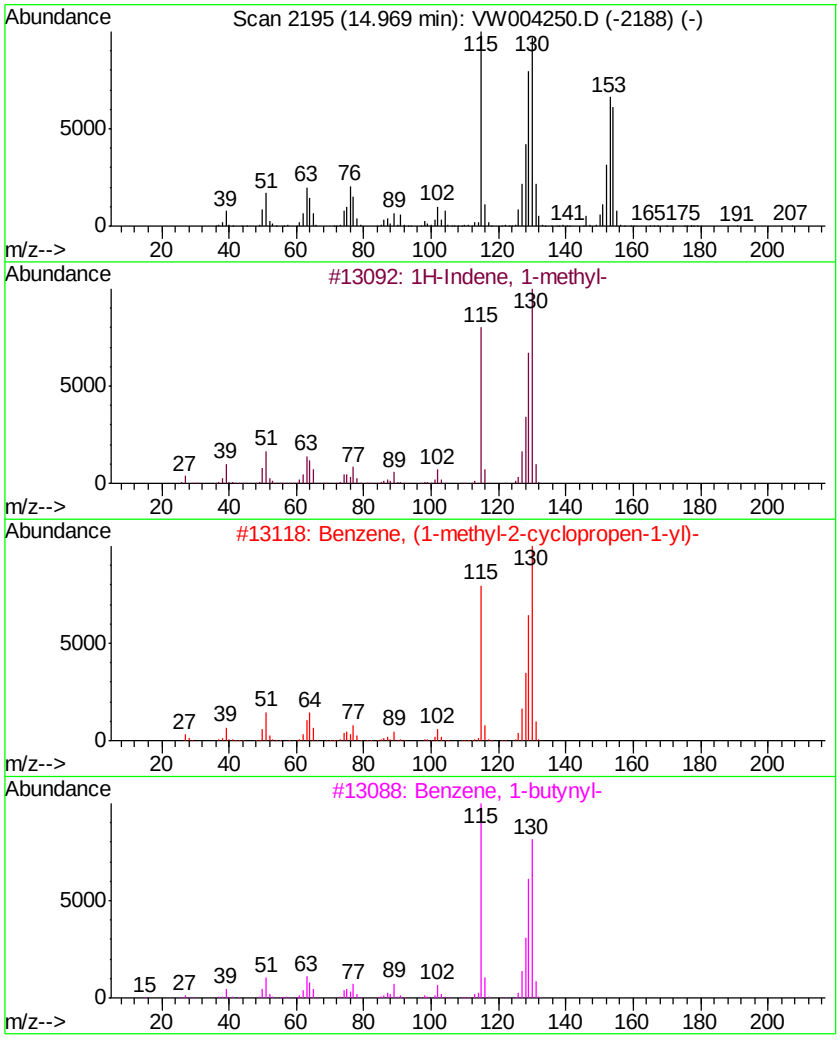
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

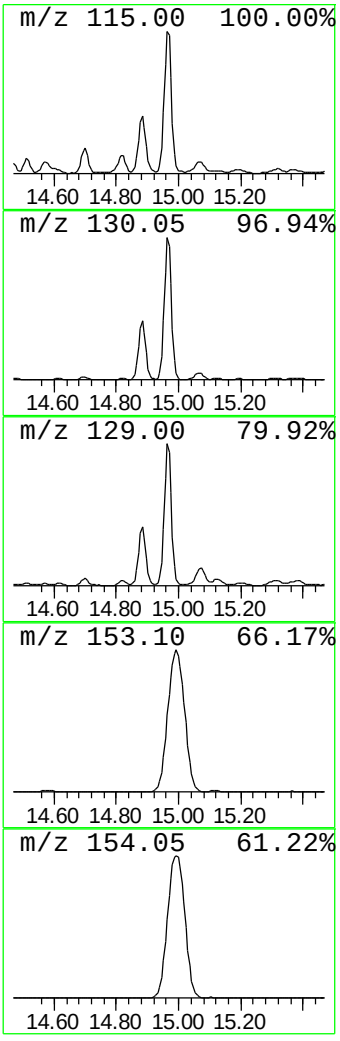
****

Peak Number 7 1H-Indene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.97	548.90 ug/l	7749260	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	91
2	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	91
3	Benzene, 1-butynyl-	130	C10H10	000622-76-4	70
4	Naphthalene, 1,2-dihydro-	130	C10H10	000447-53-0	60
5	1H-Indene, 3-methyl-	130	C10H10	000767-60-2	60





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072818\
Data File : VW004250.D
Acq On : 27 Jul 2018 04:10
Operator : SY/AP
Sample : J4126-07
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : 2018-NYSEG-CLARK-AREA-10

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
Quant Title : SW846 8260

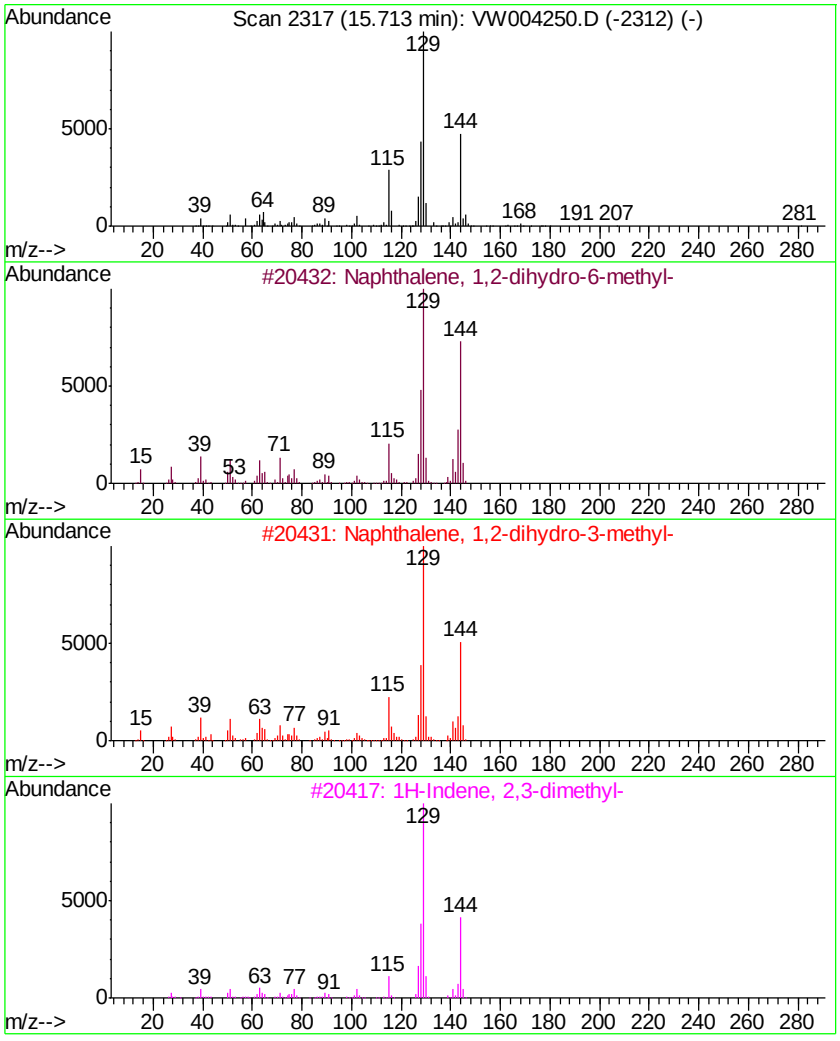
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

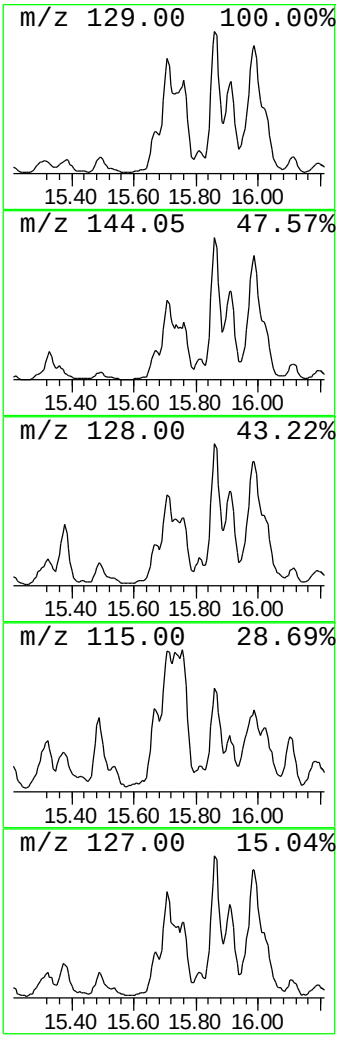
****

Peak Number 8 Naphthalene, 1,2-dihydro-6-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.71	97.67 ug/l	1378940	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2-dihydro-6-methyl-	144	C11H12	002717-47-7	91
2	Naphthalene, 1,2-dihydro-3-methyl-	144	C11H12	002717-44-4	91
3	1H-Indene, 2,3-dimethyl-	144	C11H12	004773-82-4	87
4	1H-Cyclopropa[b]naphthalene, 1a,...	144	C11H12	006571-72-8	86
5	2-Ethyl-1-H-indene	144	C11H12	017059-50-6	86





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072818\
Data File : VW004250.D
Acq On : 27 Jul 2018 04:10
Operator : SY/AP
Sample : J4126-07
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : 2018-NYSEG-CLARK-AREA-10

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
Quant Title : SW846 8260

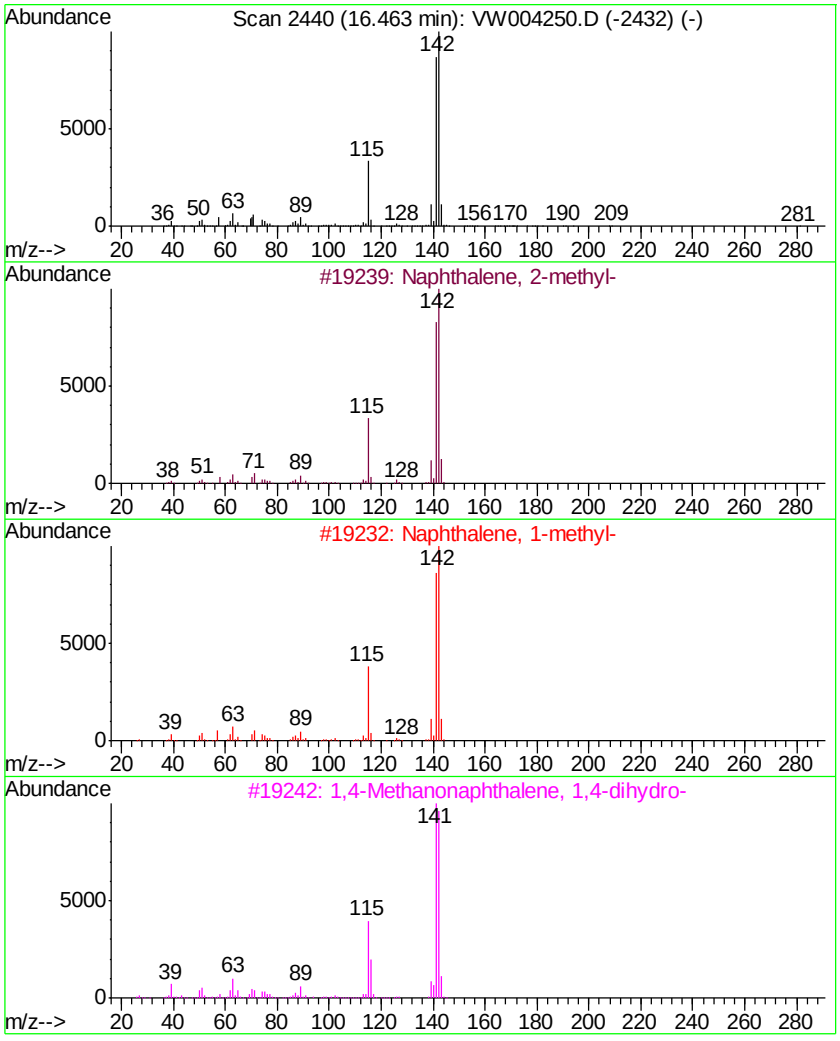
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

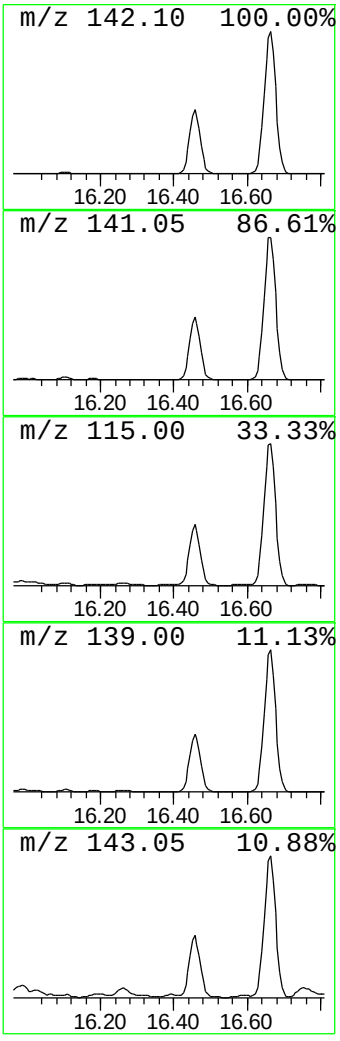
****

Peak Number 9 Naphthalene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.46	356.67 ug/l	5035420	1,4-Dichlorobenzene-d4	13.57

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	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	90
4	Benzocycloheptatriene	142	C11H10	000264-09-5	90
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	46





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072818\
Data File : VW004250.D
Acq On : 27 Jul 2018 04:10
Operator : SY/AP
Sample : J4126-07
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : 2018-NYSEG-CLARK-AREA-10

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.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	207.4	ug/l	2928520	4	13.57	705885	50.0
Benzene, 1,2-diet...	13.73	138.3	ug/l	1953190	4	13.57	705885	50.0
unknown13.77	13.77	110.0	ug/l	1553280	4	13.57	705885	50.0
Benzene, 2-ethyl-...	13.80	214.4	ug/l	3027320	4	13.57	705885	50.0
Benzene, 4-ethyl-...	14.10	150.8	ug/l	2128920	4	13.57	705885	50.0
1H-Indene, 1-methyl-	14.97	548.9	ug/l	7749260	4	13.57	705885	50.0
Naphthalene, 1,2-...	15.71	97.7	ug/l	1378940	4	13.57	705885	50.0
Naphthalene, 1-me...	16.46	356.7	ug/l	5035420	4	13.57	705885	50.0