LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072618\
Data File : VW004206.D
Acq On : 25 Jul 2018 21:37
Operator : SY/AP
Sample : J3821-09
Misc : 6.38G/5ML/MSVOA W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : HR-06-072418-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\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	56	rVB	1648069	3587093	100.00%	27.593%
2	7.153	903	913	930	rBV	20239	60267	1.68%	0.464%
3	7.885	1023	1033	1038	rBV	192101	453467	12.64%	3.488%
4	7.952	1038	1044	1056	rVB	323431	720541	20.09%	5.543%
5	8.305	1093	1102	1117	rVB	195855	429780	11.98%	3.306%
6	8.848	1181	1191	1204	rBV	504185	997879	27.82%	7.676%
7	10.329	1425	1434	1441	rBV	595246	1047194	29.19%	8.055%
8	11.634	1640	1648	1656	rBV	580530	967581	26.97%	7.443%
9	12.475	1780	1786	1799	rVB9	18404	54172	1.51%	0.417%
10	12.622	1803	1810	1817	rBV	410573	680482	18.97%	5.234%
11	12.786	1833	1837	1845	rVB4	19850	41315	1.15%	0.318%
12	12.872	1845	1851	1854	rBV3	22048	43035	1.20%	0.331%
13	12.908	1854	1857	1859	rVV2	22423	36159	1.01%	0.278%
14	12.945	1859	1863	1869	rVV5	59665	122051	3.40%	0.939%
15	13.109	1882	1890	1898	rBV3	22551	62416	1.74%	0.480%
16	13.262	1910	1915	1918	rBV2	28125	45026	1.26%	0.346%
17	13.451	1939	1946	1950	rBV4	36500	72288	2.02%	0.556%
18	13.567	1959	1965	1974	rVB2	520368	903046	25.17%	6.947%
19	13.756	1993	1996	1999	rVV	28773	39465	1.10%	0.304%
20	13.804	1999	2004	2012	rVB4	50296	101014	2.82%	0.777%
21	13.890	2012	2018	2022	rBV3	75434	129903	3.62%	0.999%
22	13.957	2022	2029	2032	rBV2	26341	53504	1.49%	0.412%
23	14.048	2041	2044	2049	rBV3	15366	36830	1.03%	0.283%
24	14.103	2049	2053	2060	rVB	75454	137358	3.83%	1.057%
25	14.213	2065	2071	2076	rBV2	66196	110908	3.09%	0.853%
26	14.292	2076	2084	2088	rBV6	27166	74228	2.07%	0.571%
27	14.347	2088	2093	2097	rBV3	38131	70357	1.96%	0.541%
28	14.396	2097	2101	2104	rBV3	45804	66765	1.86%	0.514%
29	14.463	2110	2112	2116	rVB	32309	40925	1.14%	0.315%
30	14.512	2116	2120	2123	rBV	44630	65030	1.81%	0.500%
31	14.554	2123	2127	2134	rVB4	53279	101465	2.83%	0.781%
32	14.634	2134	2140	2148	rBV4	33091	87544	2.44%	0.673%
33	14.737	2154	2157	2162	rVB5	42415	72699	2.03%	0.559%
34	14.804	2162	2168	2175	rBV4	115104	282432	7.87%	2.173%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072618\
Data File : VW004206.D
Acq On : 25 Jul 2018 21:37
Operator : SY/AP
Sample : J3821-09
Misc : 6.38G/5ML/MSVOA W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : HR-06-072418-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\82W071618S.M
Title : SW846 8260

35	14.865	2175	2178	2183	rBV2	42845	65173	1.82%	0.501%
36	14.969	2191	2195	2200	rVB	42860	64211	1.79%	0.494%
37	15.079	2208	2213	2217	rBV2	65987	124312	3.47%	0.956%
38	15.182	2225	2230	2237	rVB3	64036	148071	4.13%	1.139%
39	15.268	2240	2244	2250	rVB5	15811	38829	1.08%	0.299%
40	15.432	2266	2271	2276	rBV3	52264	118268	3.30%	0.910%
41	15.664	2303	2309	2310	rBV3	23638	44268	1.23%	0.341%
42	15.749	2319	2323	2327	rBV5	21029	38888	1.08%	0.299%
43	15.877	2340	2344	2349	rVB	42370	68521	1.91%	0.527%
44	16.042	2365	2371	2376	rBV7	20344	58003	1.62%	0.446%
45	16.188	2387	2395	2403	rBV3	63727	162123	4.52%	1.247%
46	16.389	2422	2428	2434	rVB4	43542	103267	2.88%	0.794%
47	16.456	2434	2439	2444	rBV2	27009	61648	1.72%	0.474%
48	16.670	2465	2474	2479	rBV10	32359	110158	3.07%	0.847%

Sum of corrected areas: 12999959

LSC Report - Integrated Chromatogram

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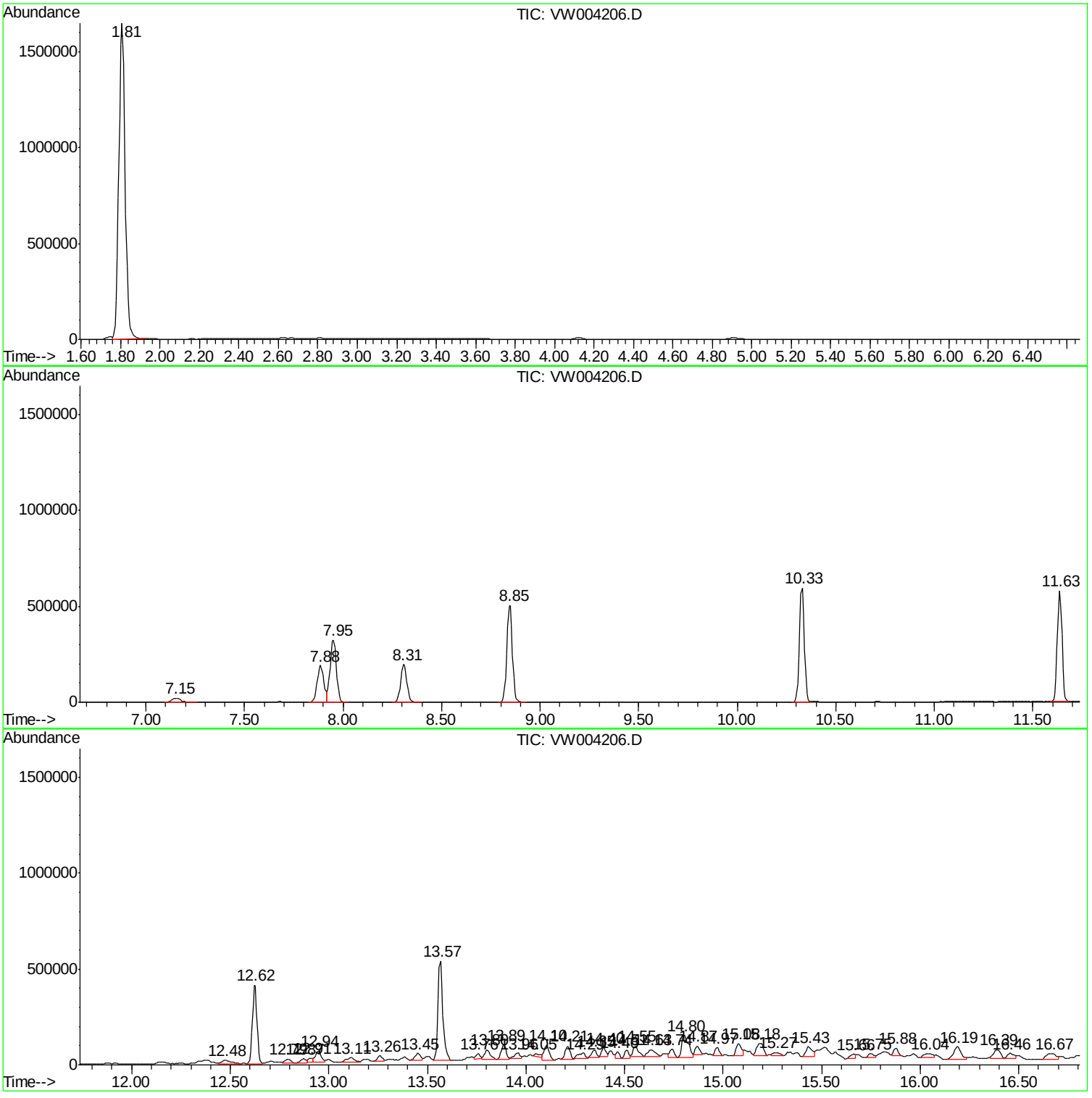
Operator : SY/AP
Sample : J3821-09
Misc : 6.38G/5ML/MSVOA W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
HR-06-072418-B

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\VW072618\
Data File : VW004206.D
Acq On : 25 Jul 2018 21:37
Operator : SY/AP
Sample : J3821-09
Misc : 6.38G/5ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : HR-06-072418-B

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

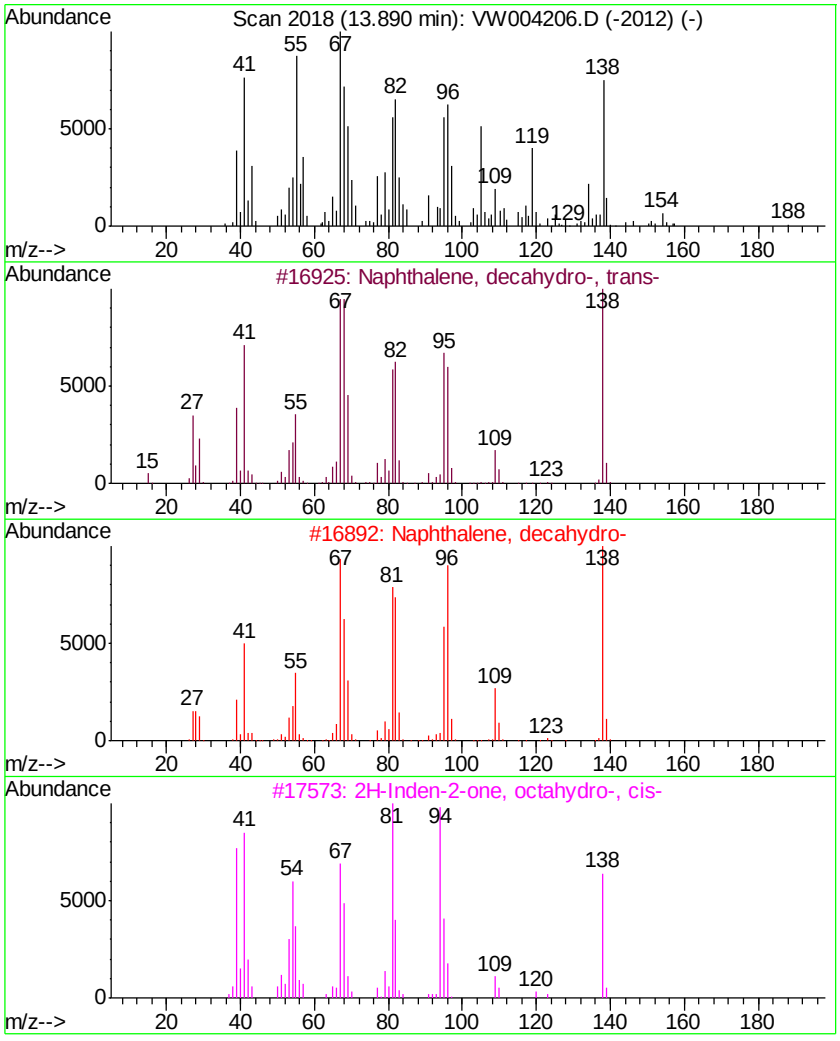
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

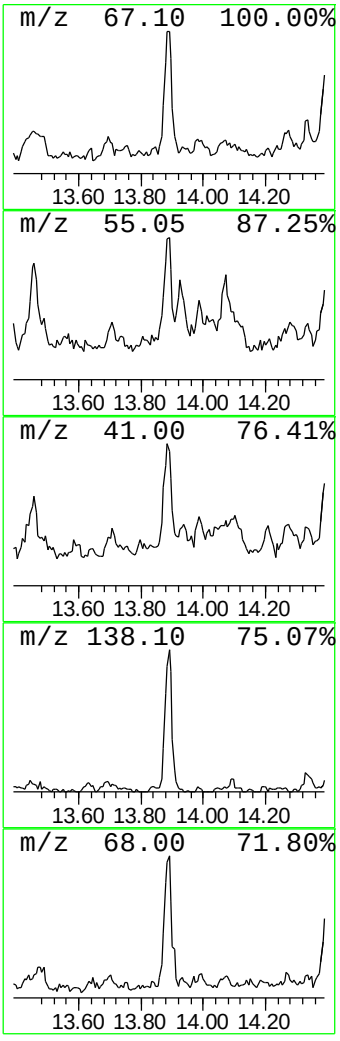
****

Peak Number 2 Naphthalene, decahydro-, tr... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	7.19 ug/l	129903	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	94
2	Naphthalene, decahydro-	138	C10H18	000091-17-8	92
3	2H-Inden-2-one, octahydro-, cis-	138	C9H14O	005689-04-3	68
4	Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	62
5	Spiro[4.5]decane	138	C10H18	000176-63-6	62





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072618\
Data File : VW004206.D
Acq On : 25 Jul 2018 21:37
Operator : SY/AP
Sample : J3821-09
Misc : 6.38G/5ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : HR-06-072418-B

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

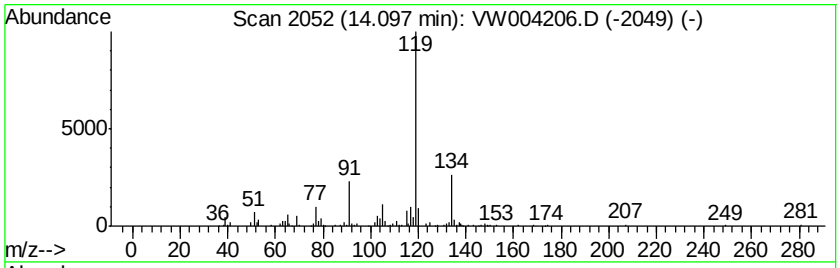
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

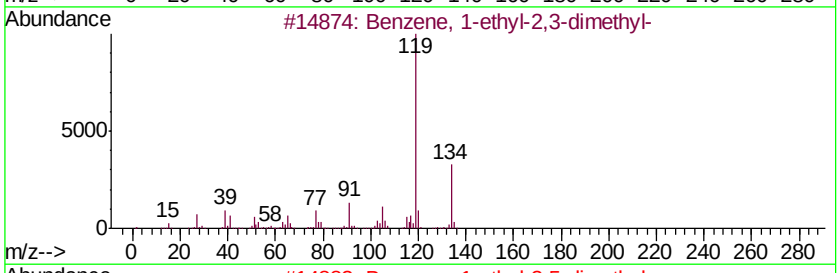
****

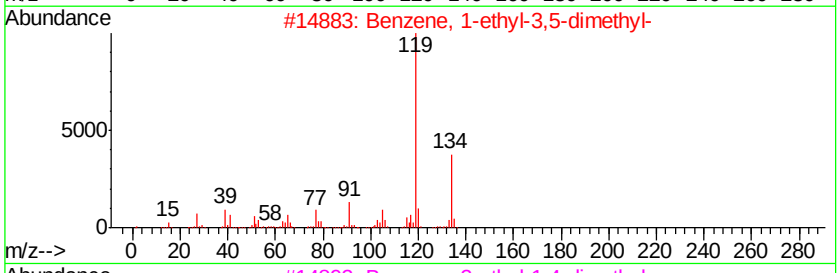
Peak Number 3 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 5

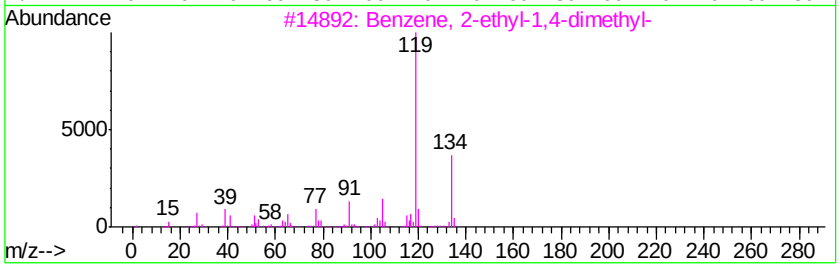
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	7.61 ug/l	137358	1,4-Dichlorobenzene-d4	13.57

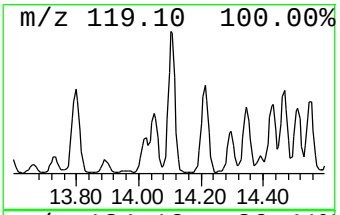
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
2	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93
5	o-Cymene	134	C10H14	000527-84-4	93

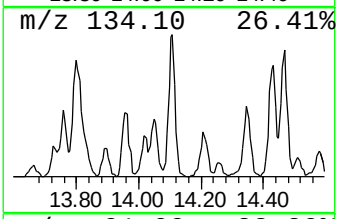


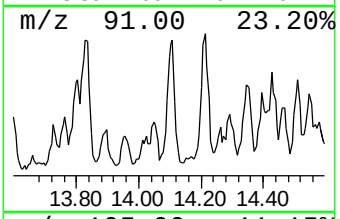


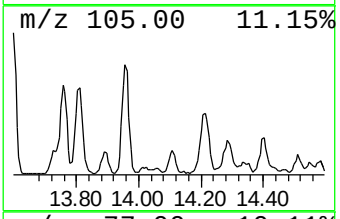


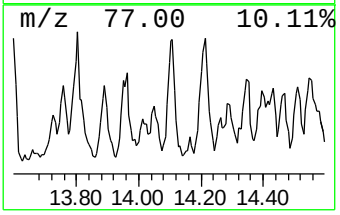












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ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : HR-06-072418-B

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

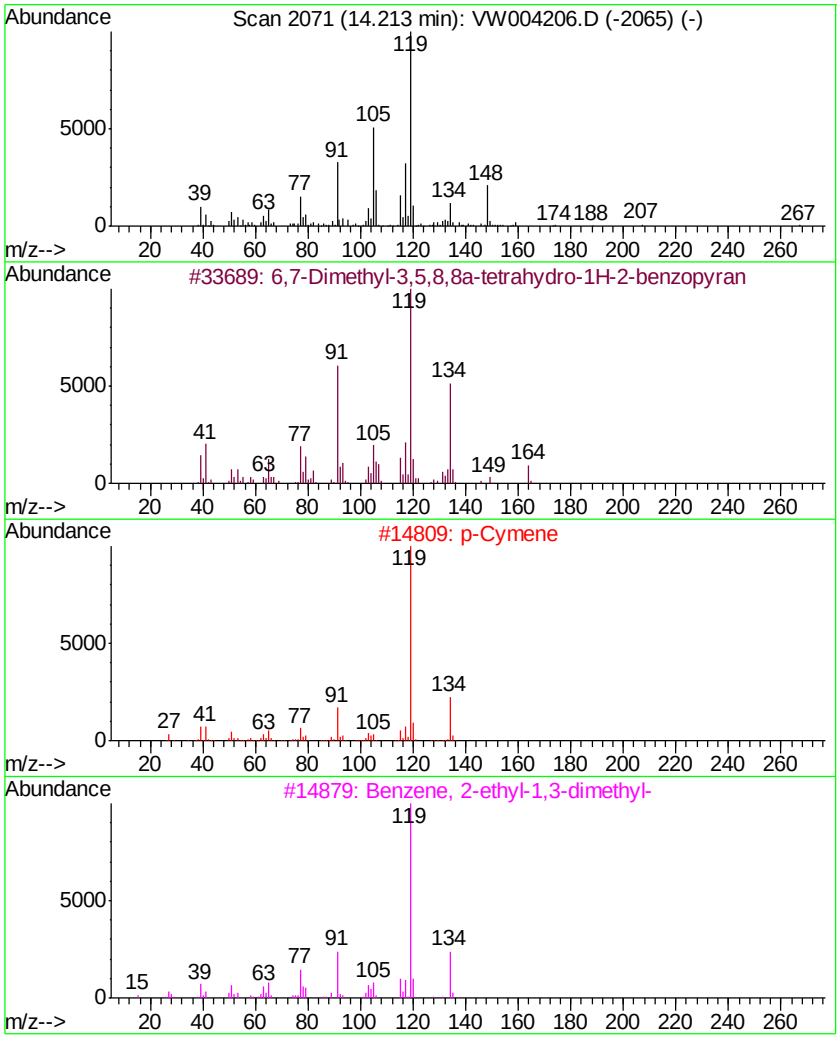
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

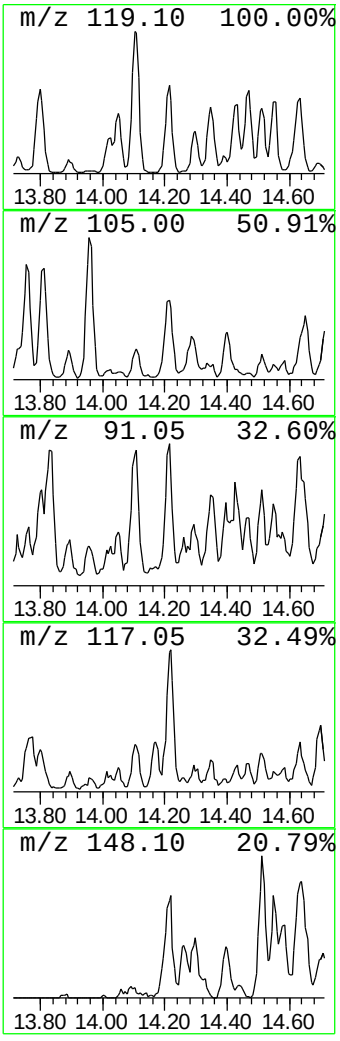
****

Peak Number 4 6,7-Dimethyl-3,5,8,8a-tetra... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	6.14 ug/l	110908	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6,7-Dimethyl-3,5,8,8a-tetrahydro...	164	C11H16O	110028-10-9	72
2	p-Cymene	134	C10H14	000099-87-6	70
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	64
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	64
5	o-Cymene	134	C10H14	000527-84-4	62





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072618\
Data File : VW004206.D
Acq On : 25 Jul 2018 21:37
Operator : SY/AP
Sample : J3821-09
Misc : 6.38G/5ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : HR-06-072418-B

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

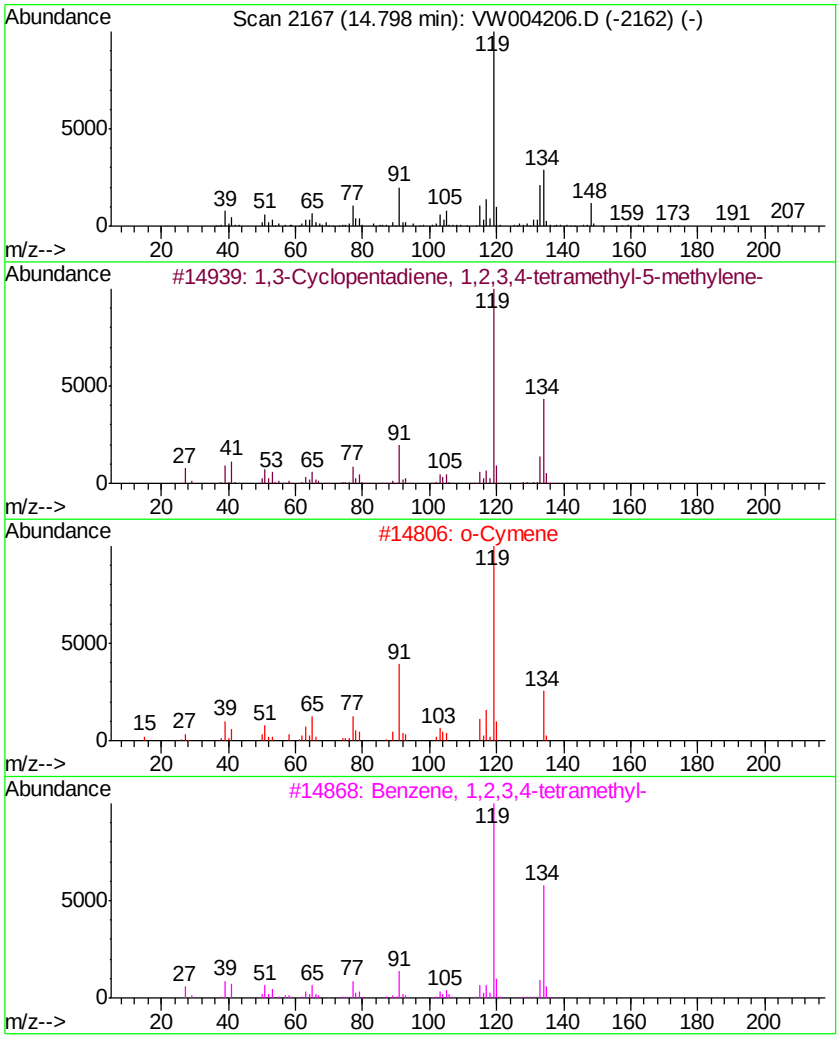
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

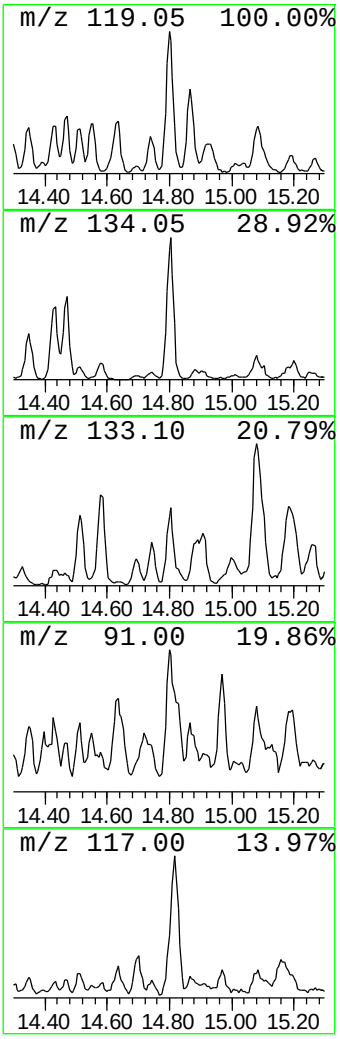
****

Peak Number 5 1,3-Cyclopentadiene, 1,2,3,... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	15.64 ug/l	282432	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	76
2	o-Cymene	134	C10H14	000527-84-4	70
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	70
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	70
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	70





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Sample : J3821-09
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ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : HR-06-072418-B

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

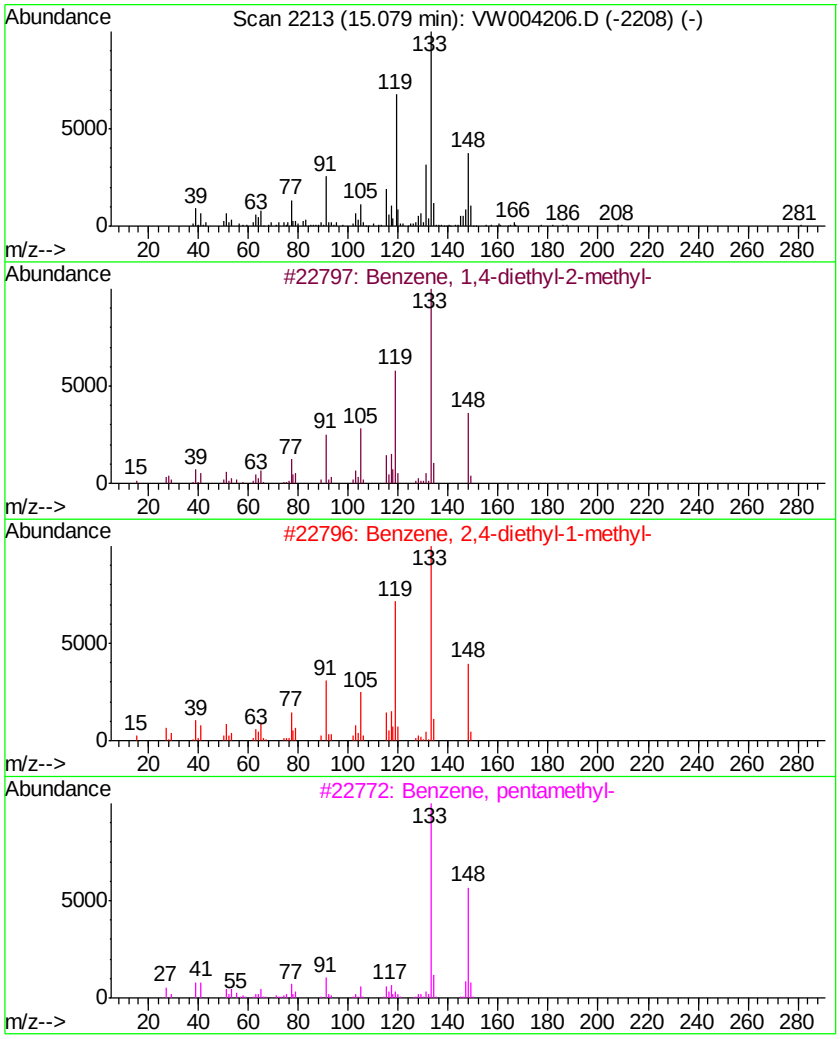
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

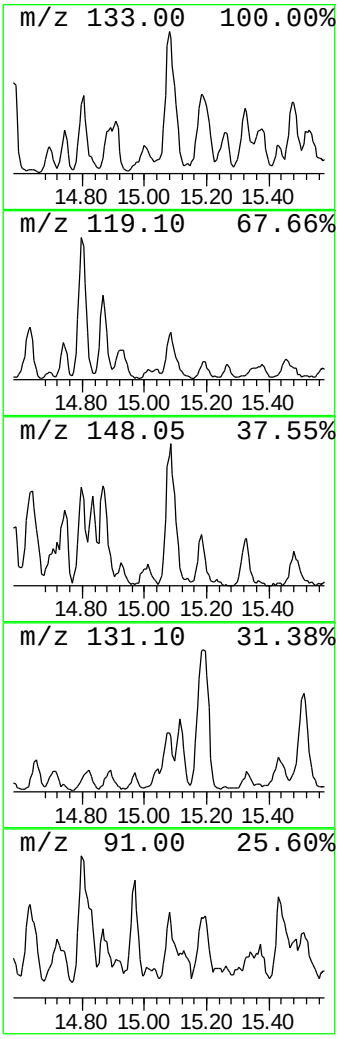
****

Peak Number 6 Benzene, 1,4-diethyl-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.08	6.88 ug/l	124312	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	81
2	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	81
3	Benzene, pentamethyl-	148	C11H16	000700-12-9	62
4	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	60
5	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	52





Library Search Compound Report

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ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : HR-06-072418-B

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

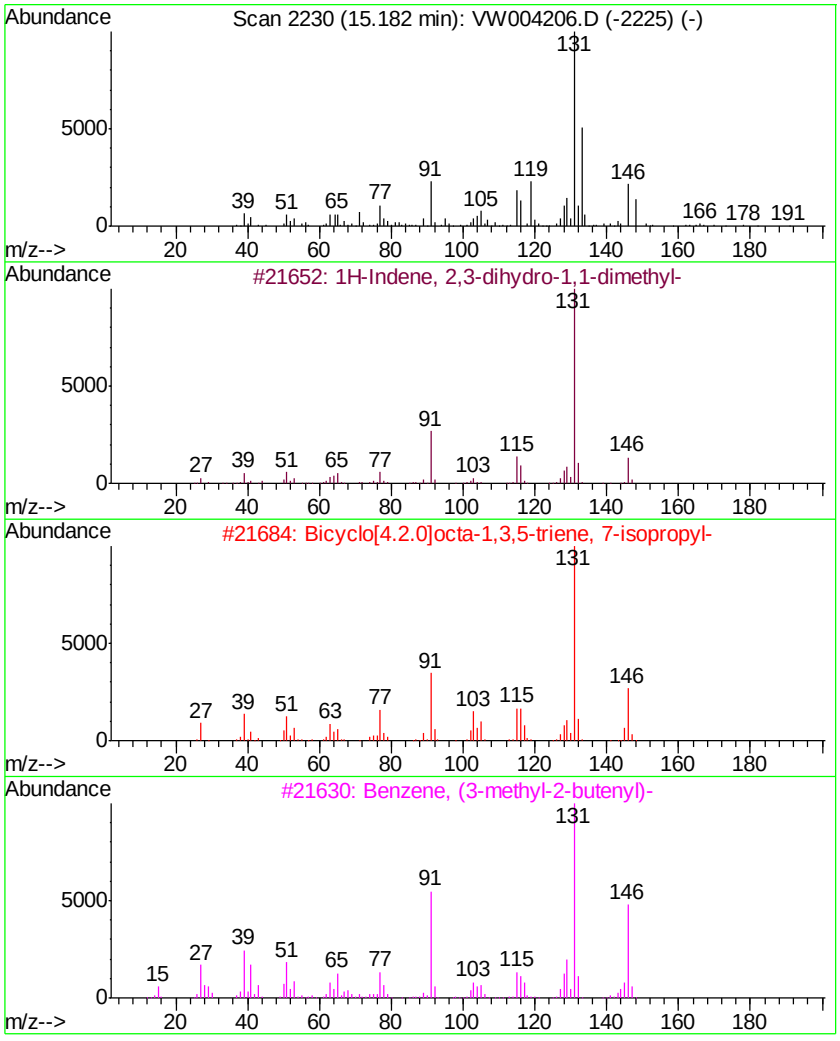
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

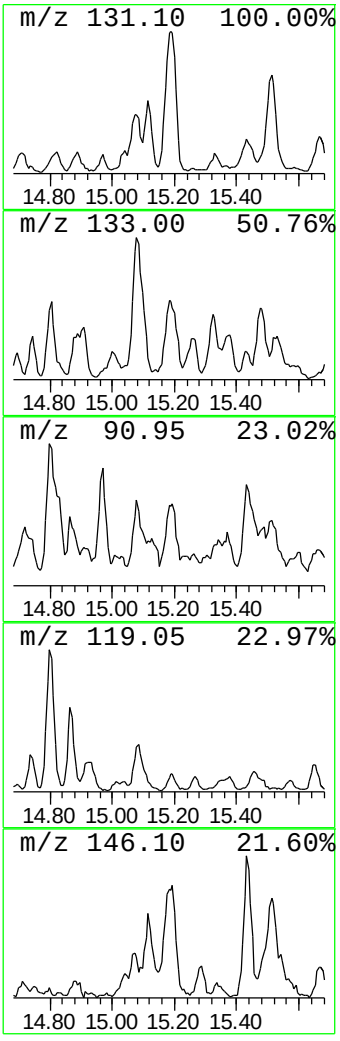
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.18	8.20 ug/l	148071	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	64
2	Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	64
3	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	64
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	64
5	Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	64





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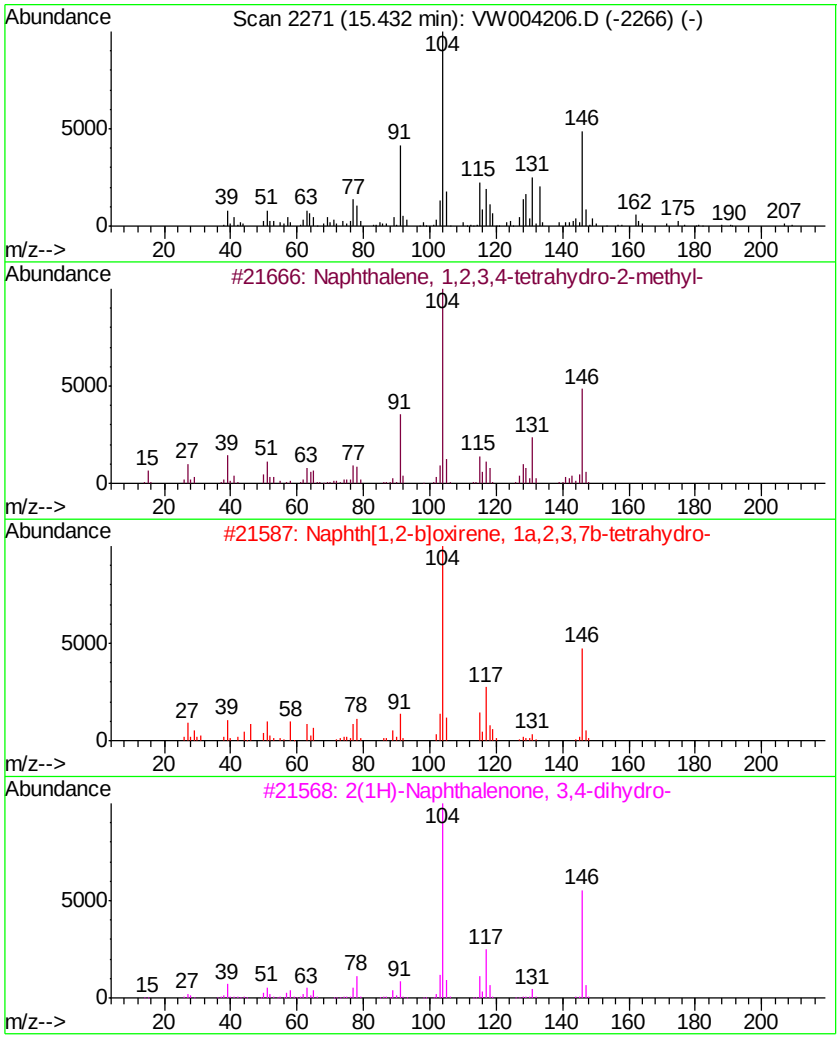
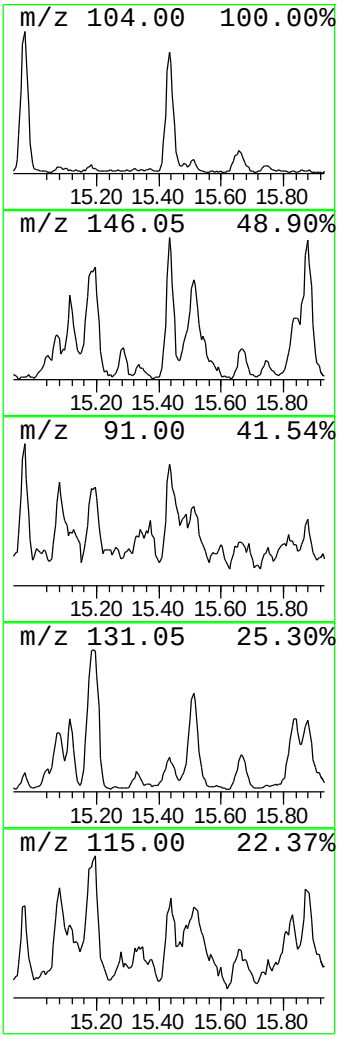
Peak Number 8 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.43	6.55 ug/l	118268	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	90
2	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	70
3	2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	70
4	2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	38
5	1,3,2-Dioxaborolane, 2-ethyl-4-m...	204	C11H13BO3	1000149-46-5	27





Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072618\
Data File : VW004206.D
Acq On : 25 Jul 2018 21:37
Operator : SY/AP
Sample : J3821-09
Misc : 6.38G/5ML/MSVOA W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : HR-06-072418-B

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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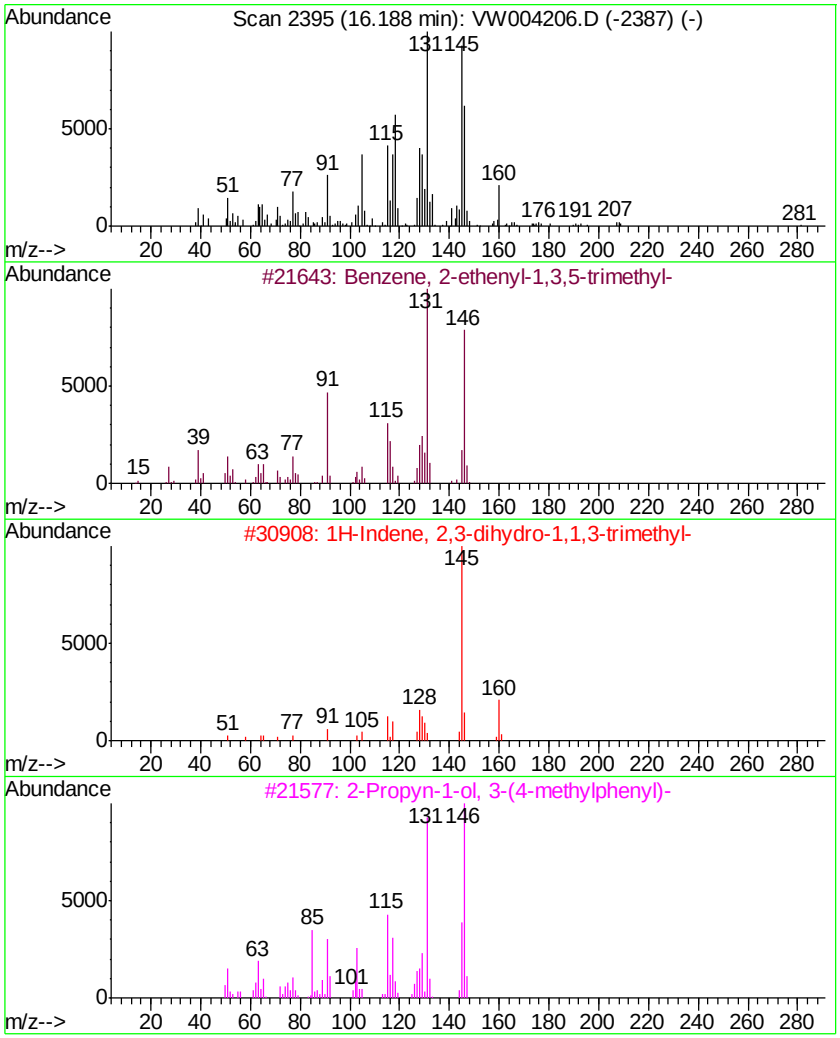
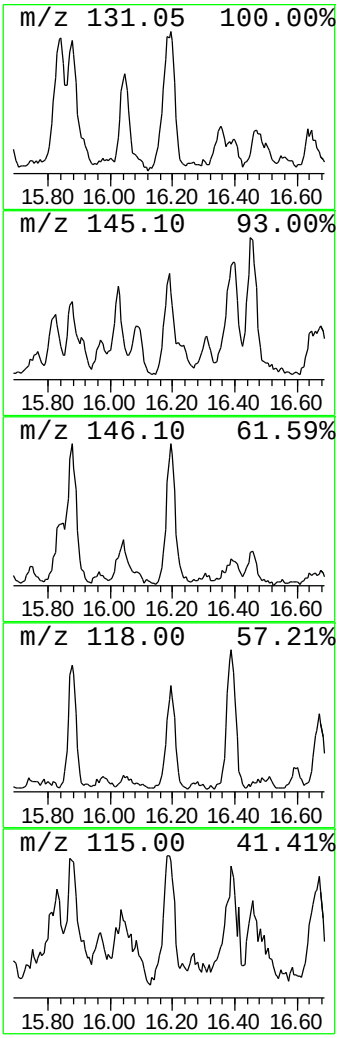
Peak Number 9 Benzene, 2-ethenyl-1,3,5-tr... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.19	8.98 ug/l	162123	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	60
2	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	60
3	2-Propyn-1-ol, 3-(4-methylphenyl)-	146	C10H10O	016017-24-6	55
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	55
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	50





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072618\
Data File : VW004206.D
Acq On : 25 Jul 2018 21:37
Operator : SY/AP
Sample : J3821-09
Misc : 6.38G/5ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : HR-06-072418-B

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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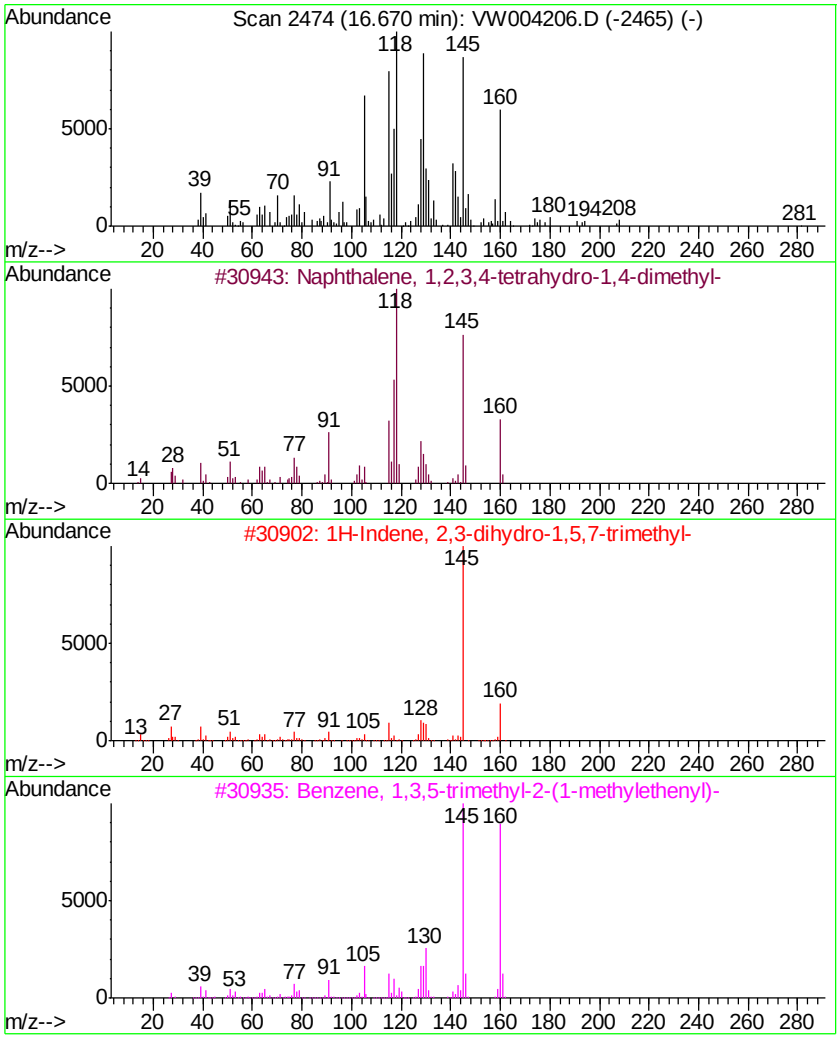
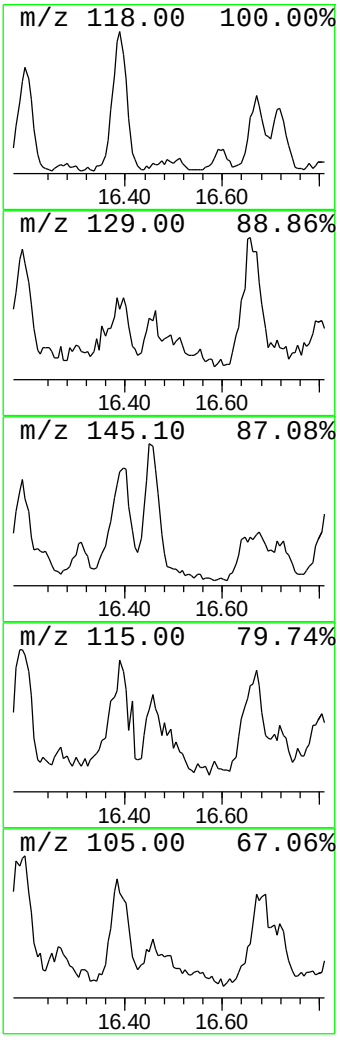
Peak Number 10 unknown-01 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.67	6.10 ug/l	110158	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	46
2	1H-Indene, 2,3-dihydro-1,5,7-tri...	160	C12H16	054340-88-4	38
3	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	38
4	(1-Ethylbuta-1,3-dienyl)benzene	158	C12H14	1000210-05-6	25
5	1,4-Methanonaphthalen-9-ol, 1,4-...	158	C11H10O	004796-33-2	25





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072618\
Data File : VW004206.D
Acq On : 25 Jul 2018 21:37
Operator : SY/AP
Sample : J3821-09
Misc : 6.38G/5ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : HR-06-072418-B

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
Naphthalene, deca...	13.89	7.2	ug/l	129903	4	13.57	903046	50.0
Benzene, 1-ethyl-...	14.10	7.6	ug/l	137358	4	13.57	903046	50.0
6,7-Dimethyl-3,5,...	14.21	6.1	ug/l	110908	4	13.57	903046	50.0
1,3-Cyclopentadie...	14.80	15.6	ug/l	282432	4	13.57	903046	50.0
Benzene, 1,4-diet...	15.08	6.9	ug/l	124312	4	13.57	903046	50.0
1H-Indene, 2,3-di...	15.18	8.2	ug/l	148071	4	13.57	903046	50.0
Naphthalene, 1,2,...	15.43	6.5	ug/l	118268	4	13.57	903046	50.0
Benzene, 2-etheny...	16.19	9.0	ug/l	162123	4	13.57	903046	50.0
unknown-01	16.67	6.1	ug/l	110158	4	13.57	903046	50.0