LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072818\
Data File : VW004249.D
Acq On : 27 Jul 2018 03:44
Operator : SY/AP
Sample : J4126-05
Misc : 5.04G/5ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : 2018-NYSEG-CLARK-AREA-11

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	27	36	55	rVB	1558410	3477432	89.49%	22.034%
2	4.117	405	415	424	rBV	47597	128916	3.32%	0.817%
3	4.904	532	544	558	rBV	62322	194009	4.99%	1.229%
4	7.153	903	913	929	rBV2	20073	73584	1.89%	0.466%
5	7.885	1024	1033	1038	rBV2	71058	164969	4.25%	1.045%
6	7.952	1038	1044	1052	rVB	97333	215638	5.55%	1.366%
7	8.306	1089	1102	1113	rVB	79283	181599	4.67%	1.151%
8	8.842	1180	1190	1199	rBV	152113	304233	7.83%	1.928%
9	10.330	1423	1434	1441	rBV	207288	374366	9.63%	2.372%
10	11.634	1641	1648	1659	rBV	189206	324313	8.35%	2.055%
11	12.622	1805	1810	1819	rBV	127121	215017	5.53%	1.362%
12	12.908	1853	1857	1859	rVV	26616	45746	1.18%	0.290%
13	12.945	1859	1863	1869	rVB4	37310	75436	1.94%	0.478%
14	13.262	1910	1915	1919	rBV	29992	48723	1.25%	0.309%
15	13.567	1959	1965	1973	rVB	153378	265805	6.84%	1.684%
16	13.725	1985	1991	1995	rBV	103859	180861	4.65%	1.146%
17	13.768	1995	1998	2000	rVV	85175	128640	3.31%	0.815%
18	13.798	2000	2003	2012	rVB2	136316	247427	6.37%	1.568%
19	13.884	2012	2017	2022	rBV3	28064	46370	1.19%	0.294%
20	14.048	2041	2044	2048	rVB	33886	47934	1.23%	0.304%
21	14.109	2048	2054	2058	rBV	108282	162751	4.19%	1.031%
22	14.219	2065	2072	2075	rBV5	56009	111243	2.86%	0.705%
23	14.347	2087	2093	2097	rBV5	21060	42888	1.10%	0.272%
24	14.432	2103	2107	2110	rVV2	35335	61326	1.58%	0.389%
25	14.469	2110	2113	2116	rVV	51224	65491	1.69%	0.415%
26	14.512	2116	2120	2124	rVV	63854	84171	2.17%	0.533%
27	14.579	2124	2131	2135	rVV4	21585	42000	1.08%	0.266%
28	14.701	2146	2151	2155	rBV	76293	128321	3.30%	0.813%
29	14.737	2155	2157	2162	rVB3	26872	39985	1.03%	0.253%
30	14.810	2162	2169	2174	rBV2	113839	271693	6.99%	1.722%
31	14.878	2174	2180	2189	rVB5	52190	130568	3.36%	0.827%
32	14.969	2189	2195	2202	rVB3	91776	158687	4.08%	1.005%
33	15.073	2203	2212	2218	rBV2	72665	153730	3.96%	0.974%
34	15.188	2225	2231	2239	rBV4	32274	67165	1.73%	0.426%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072818\
Data File : VW004249.D
Acq On : 27 Jul 2018 03:44
Operator : SY/AP
Sample : J4126-05
Misc : 5.04G/5ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : 2018-NYSEG-CLARK-AREA-11

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	15.377	2252	2262	2270	rVB	502271	910044	23.42%	5.766%
36	15.487	2274	2280	2285	rBV3	54719	105156	2.71%	0.666%
37	15.670	2302	2310	2312	rBV3	46314	91391	2.35%	0.579%
38	15.707	2313	2316	2319	rVV	24796	40504	1.04%	0.257%
39	15.865	2335	2342	2346	rBV5	35949	77066	1.98%	0.488%
40	15.987	2354	2362	2366	rBV3	31909	88041	2.27%	0.558%
41	16.255	2400	2406	2410	rVV7	16437	51061	1.31%	0.324%
42	16.396	2422	2429	2432	rVV2	28940	67766	1.74%	0.429%
43	16.457	2432	2439	2452	rVB	1074515	2204135	56.72%	13.966%
44	16.658	2463	2472	2482	rVB	1791531	3885705	100.00%	24.621%

Sum of corrected areas: 15781906

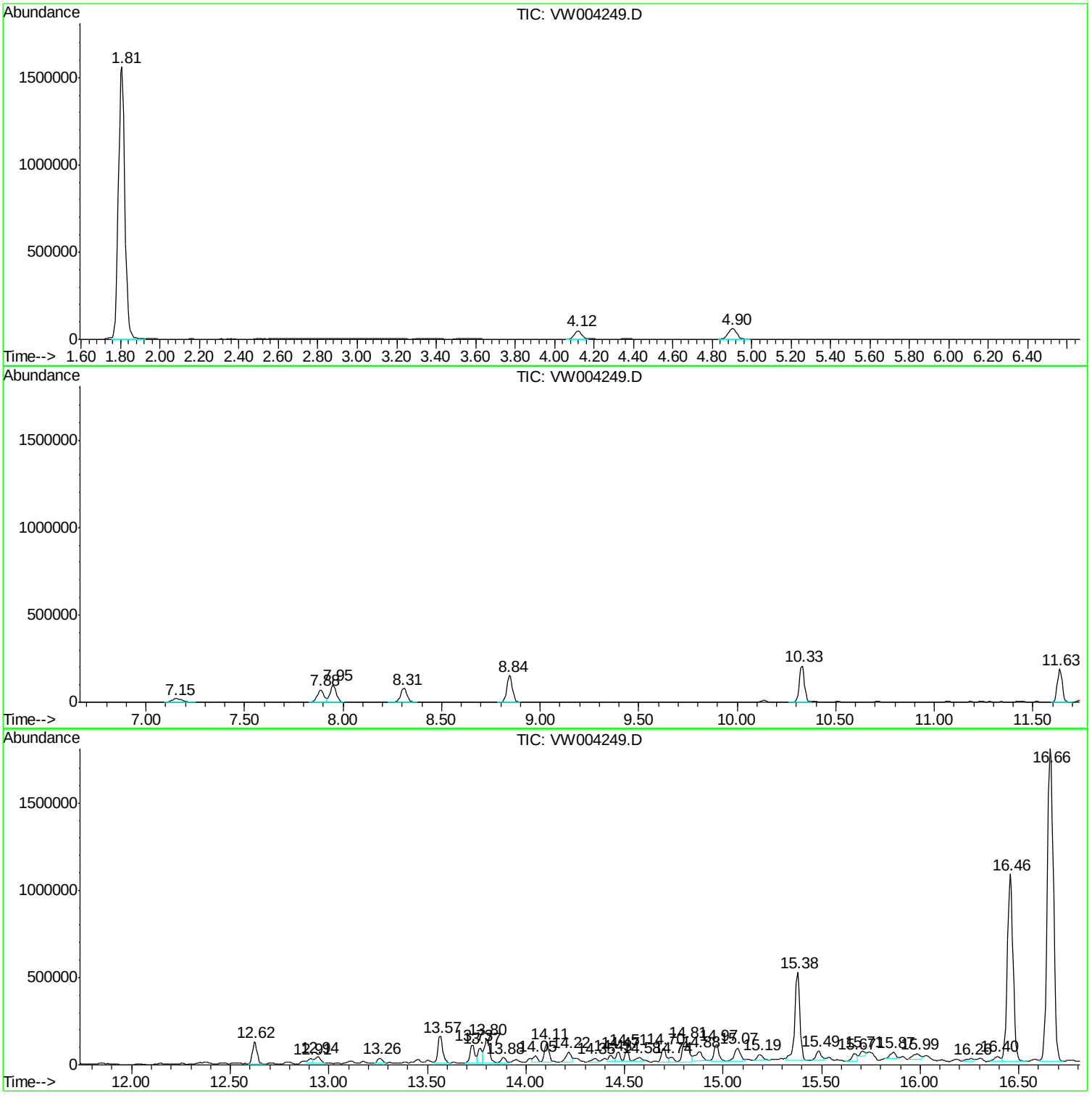
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072818\
Data File : VW004249.D
Acq On : 27 Jul 2018 03:44
Operator : SY/AP
Sample : J4126-05
Misc : 5.04G/5ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
2018-NYSEG-CLARK-AREA-11

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 : VW004249.D
Acq On : 27 Jul 2018 03:44
Operator : SY/AP
Sample : J4126-05
Misc : 5.04G/5ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : 2018-NYSEG-CLARK-AREA-11

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

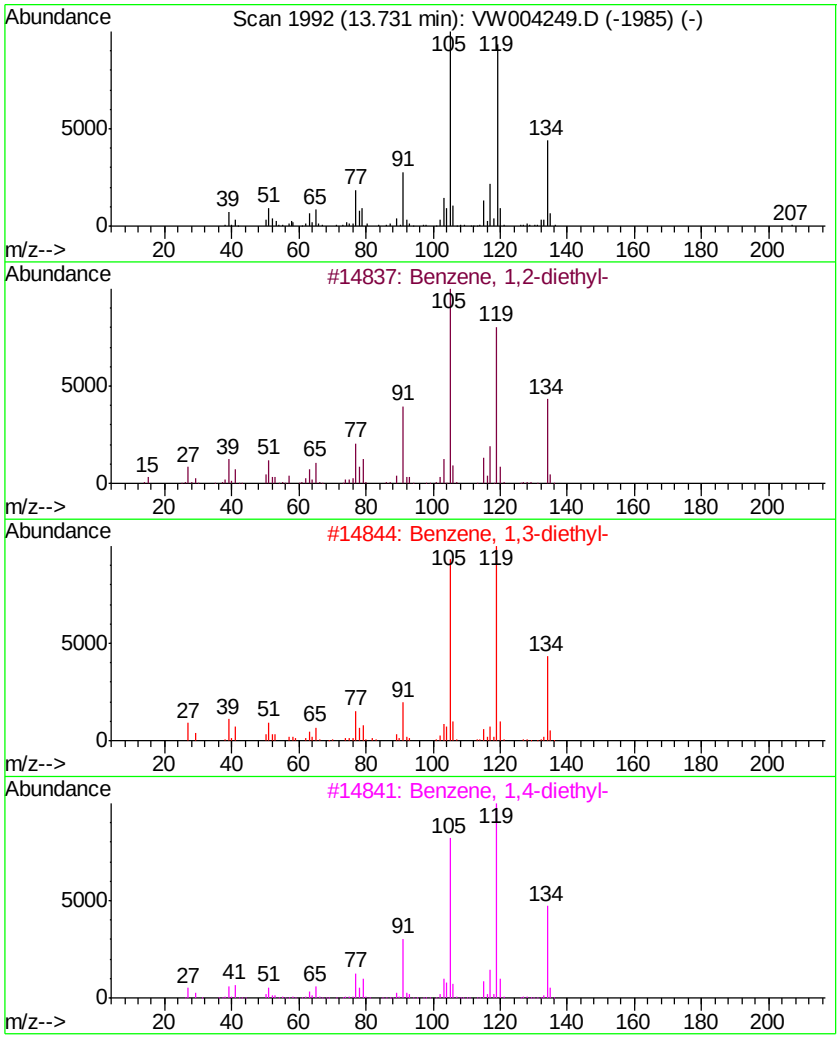
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

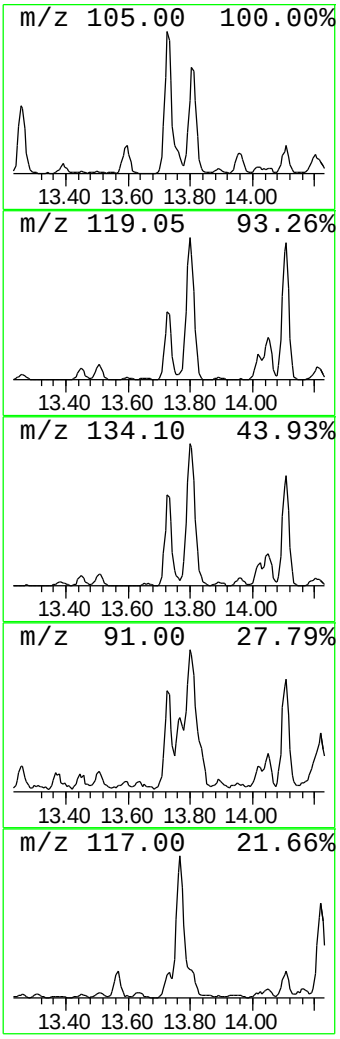
****

Peak Number 2 Benzene, 1,2-diethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	34.02 ug/l	180861	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	94
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072818\
Data File : VW004249.D
Acq On : 27 Jul 2018 03:44
Operator : SY/AP
Sample : J4126-05
Misc : 5.04G/5ML/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : 2018-NYSEG-CLARK-AREA-11

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

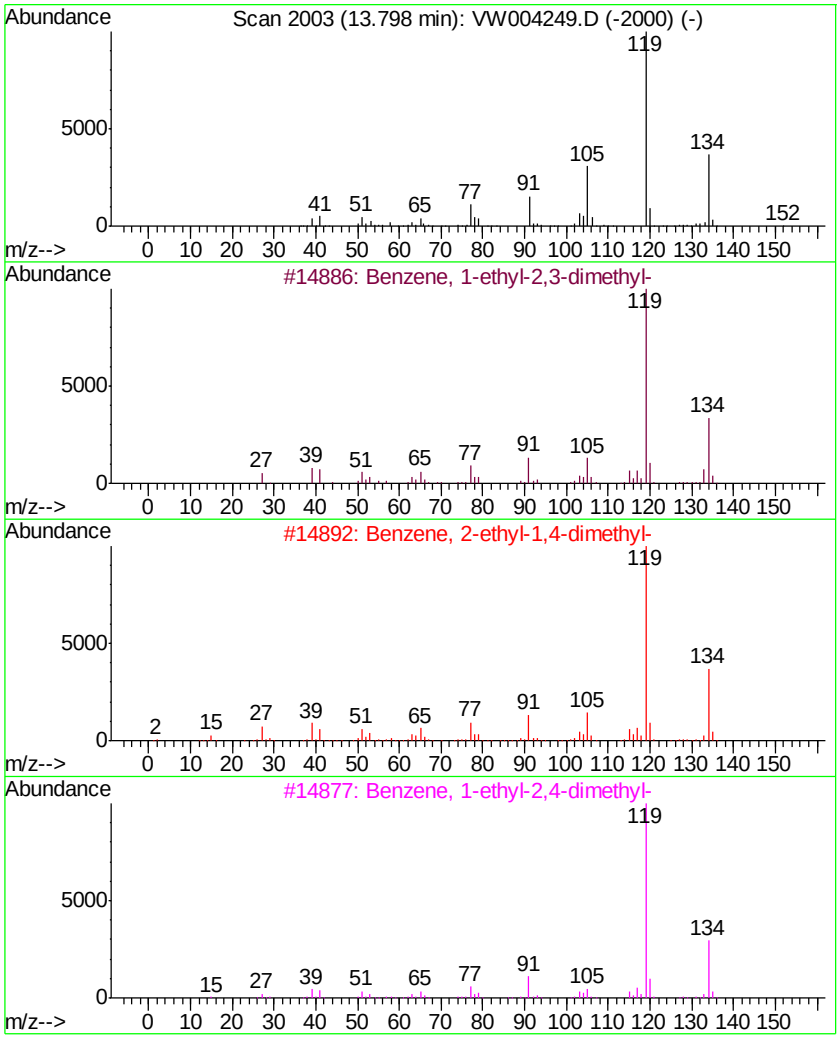
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

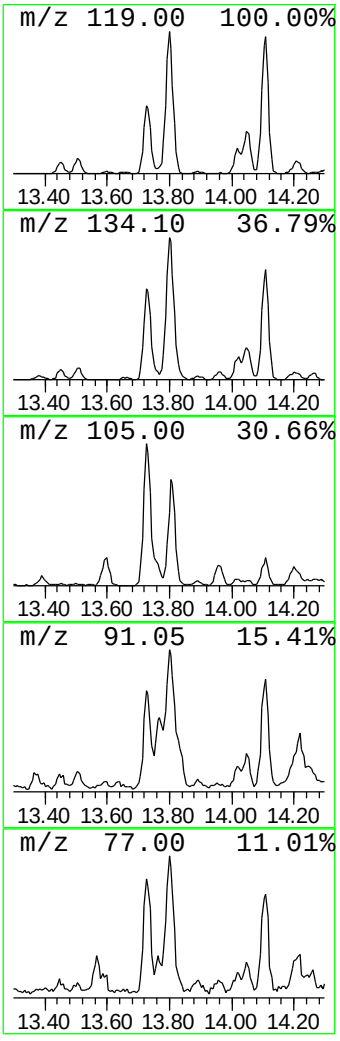
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	46.54 ug/l	247427	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	91
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	87
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	80
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	80
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072818\
Data File : VW004249.D
Acq On : 27 Jul 2018 03:44
Operator : SY/AP
Sample : J4126-05
Misc : 5.04G/5ML/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : 2018-NYSEG-CLARK-AREA-11

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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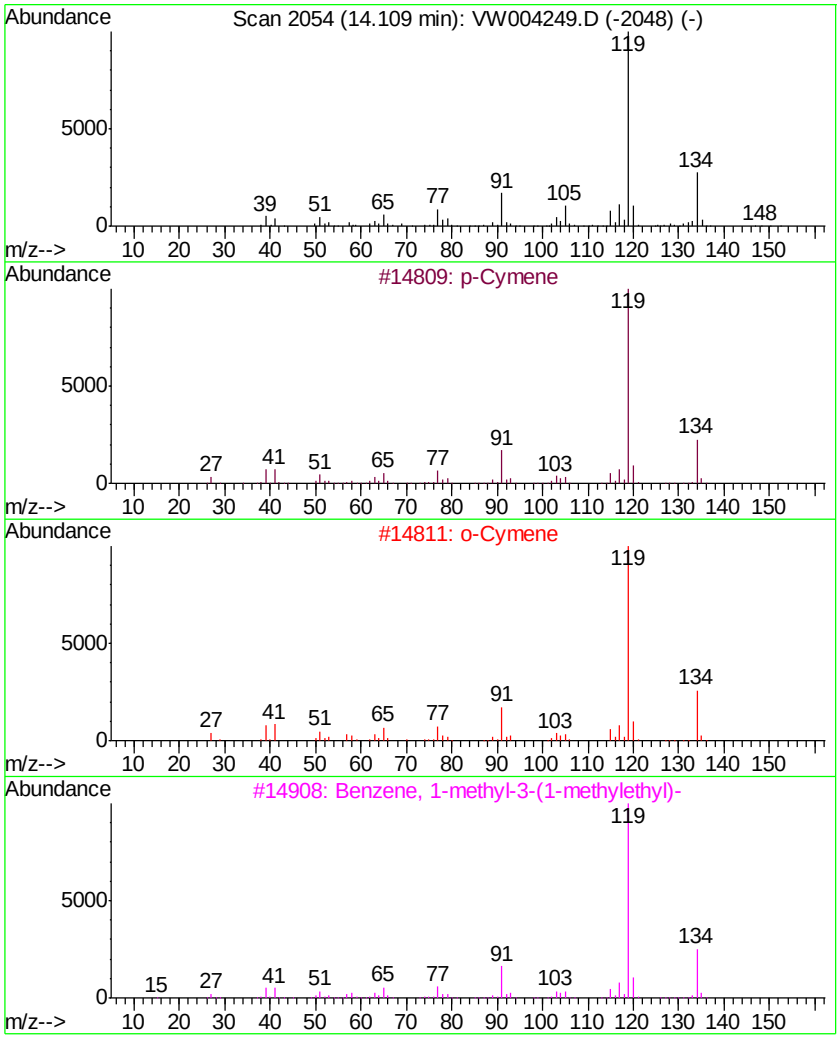
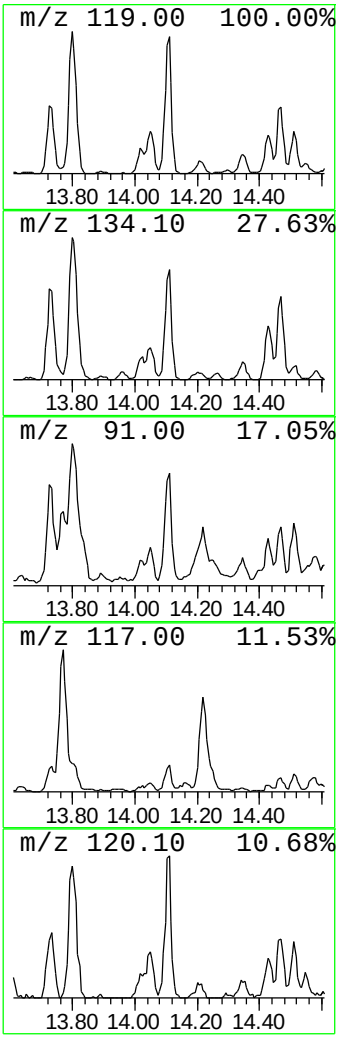
Peak Number 4 p-Cymene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.11	30.61 ug/l	162751	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	95
2	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072818\
Data File : VW004249.D
Acq On : 27 Jul 2018 03:44
Operator : SY/AP
Sample : J4126-05
Misc : 5.04G/5ML/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : 2018-NYSEG-CLARK-AREA-11

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

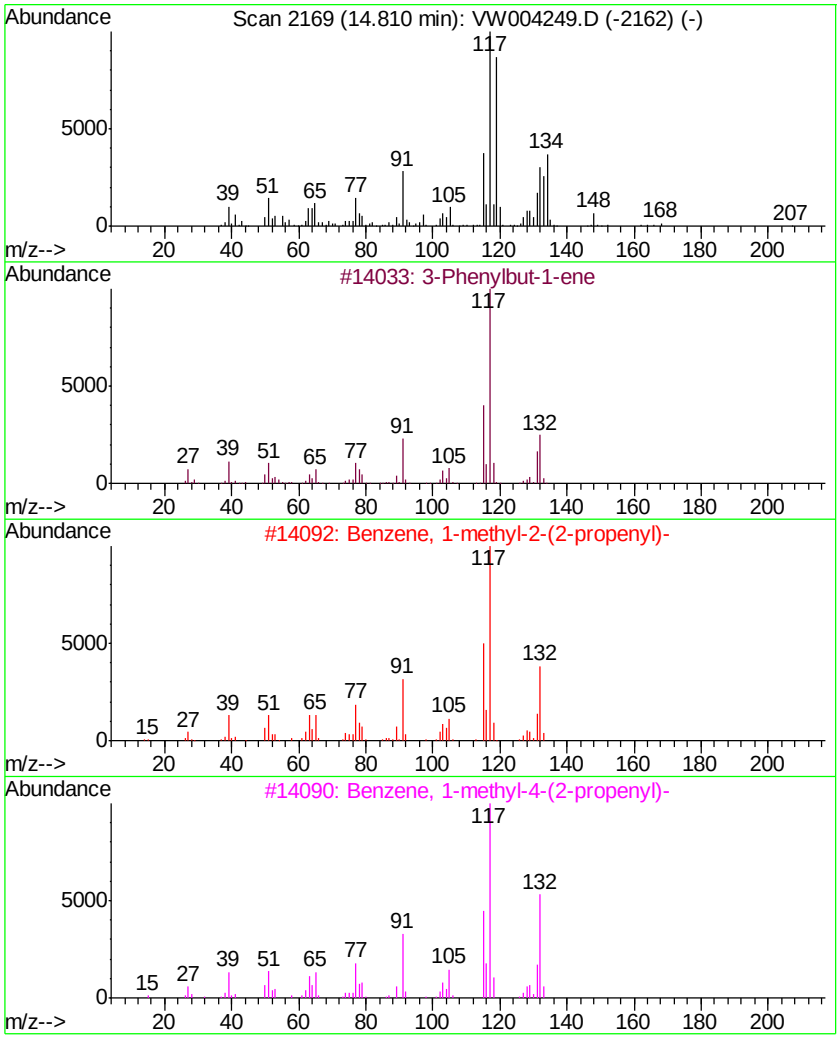
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

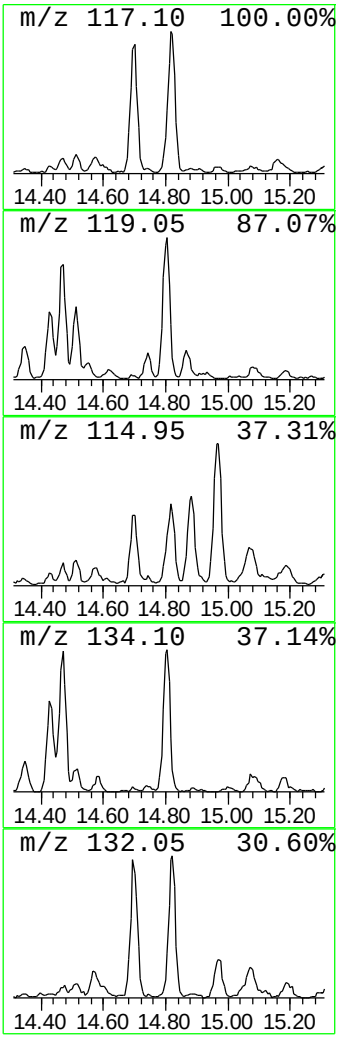
****

Peak Number 5 3-Phenylbut-1-ene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	51.11 ug/l	271693	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
2	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	80
3	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	80
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	50
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072818\
Data File : VW004249.D
Acq On : 27 Jul 2018 03:44
Operator : SY/AP
Sample : J4126-05
Misc : 5.04G/5ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : 2018-NYSEG-CLARK-AREA-11

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

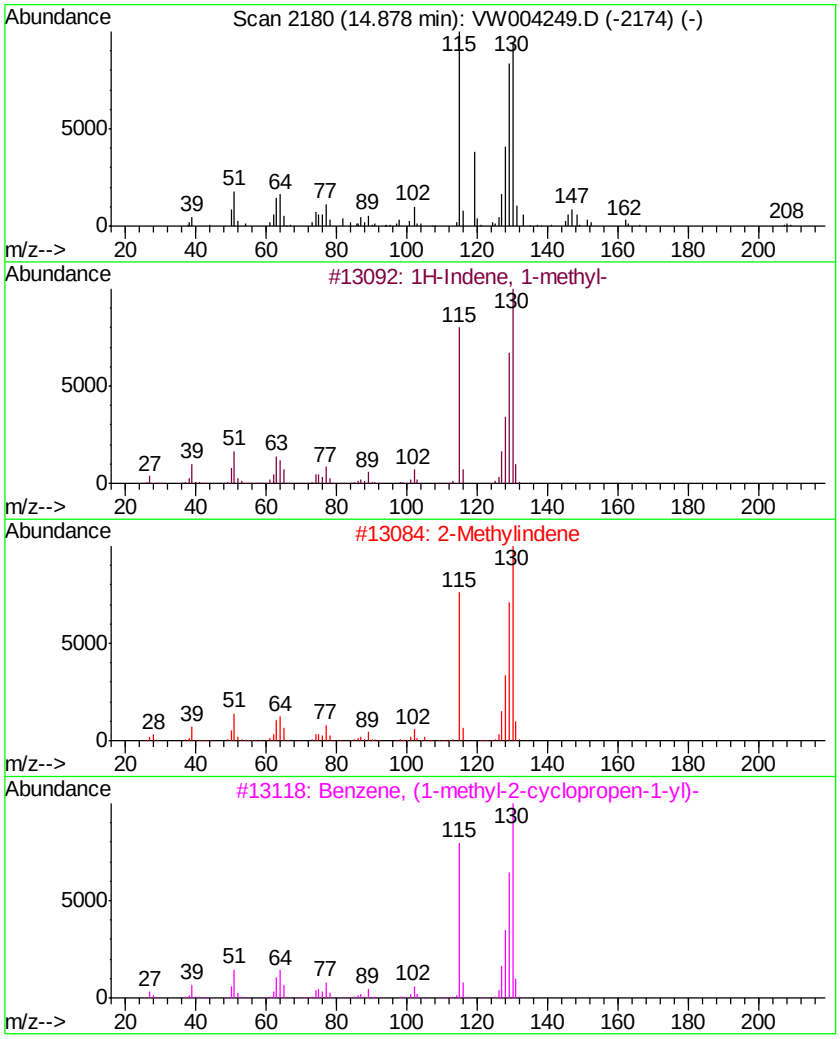
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

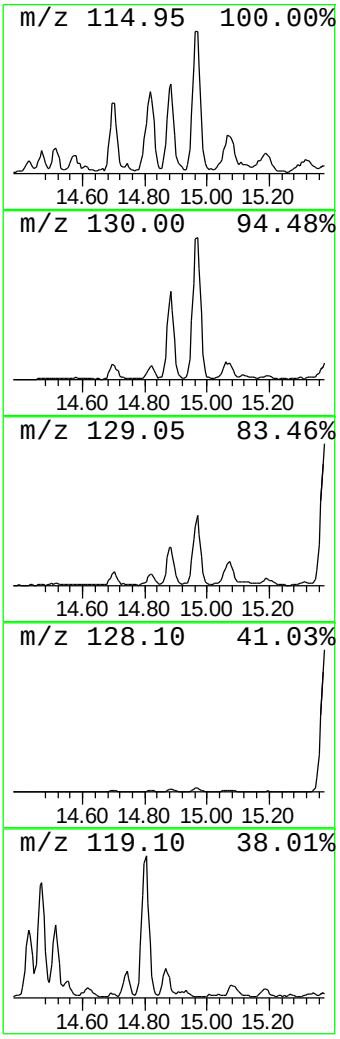
****

Peak Number 6 1H-Indene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	24.56 ug/l	130568	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	96
2	2-Methylindene	130	C10H10	002177-47-1	96
3	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	96
4	1H-Indene, 3-methyl-	130	C10H10	000767-60-2	93
5	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	93





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072818\
Data File : VW004249.D
Acq On : 27 Jul 2018 03:44
Operator : SY/AP
Sample : J4126-05
Misc : 5.04G/5ML/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : 2018-NYSEG-CLARK-AREA-11

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

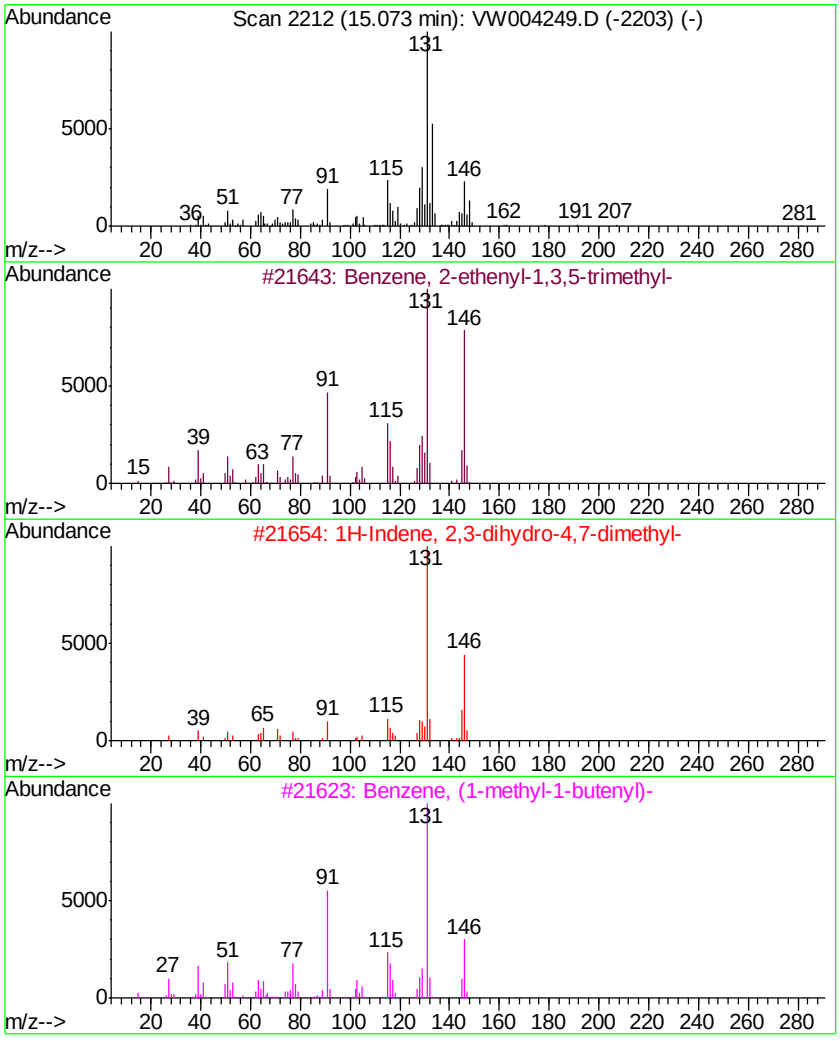
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

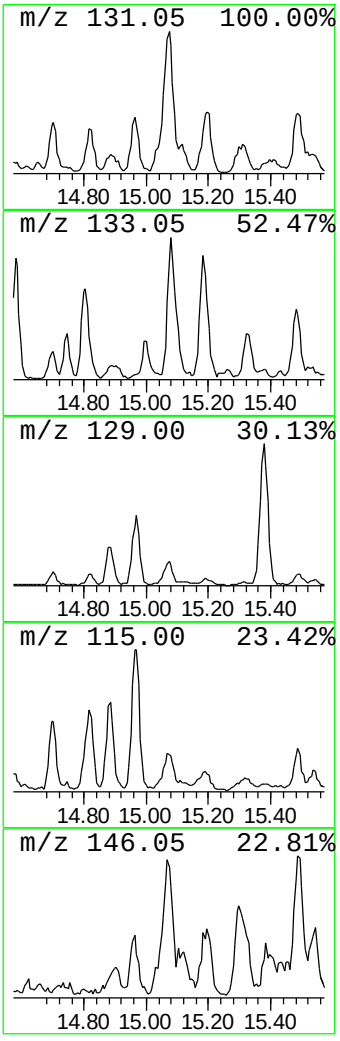
****

Peak Number 8 Benzene, 2-ethenyl-1,3,5-tr... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	28.92 ug/l	153730	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	70
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	58
3	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	55
4	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	53
5	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	52





Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072818\
Data File : VW004249.D
Acq On : 27 Jul 2018 03:44
Operator : SY/AP
Sample : J4126-05
Misc : 5.04G/5ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : 2018-NYSEG-CLARK-AREA-11

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

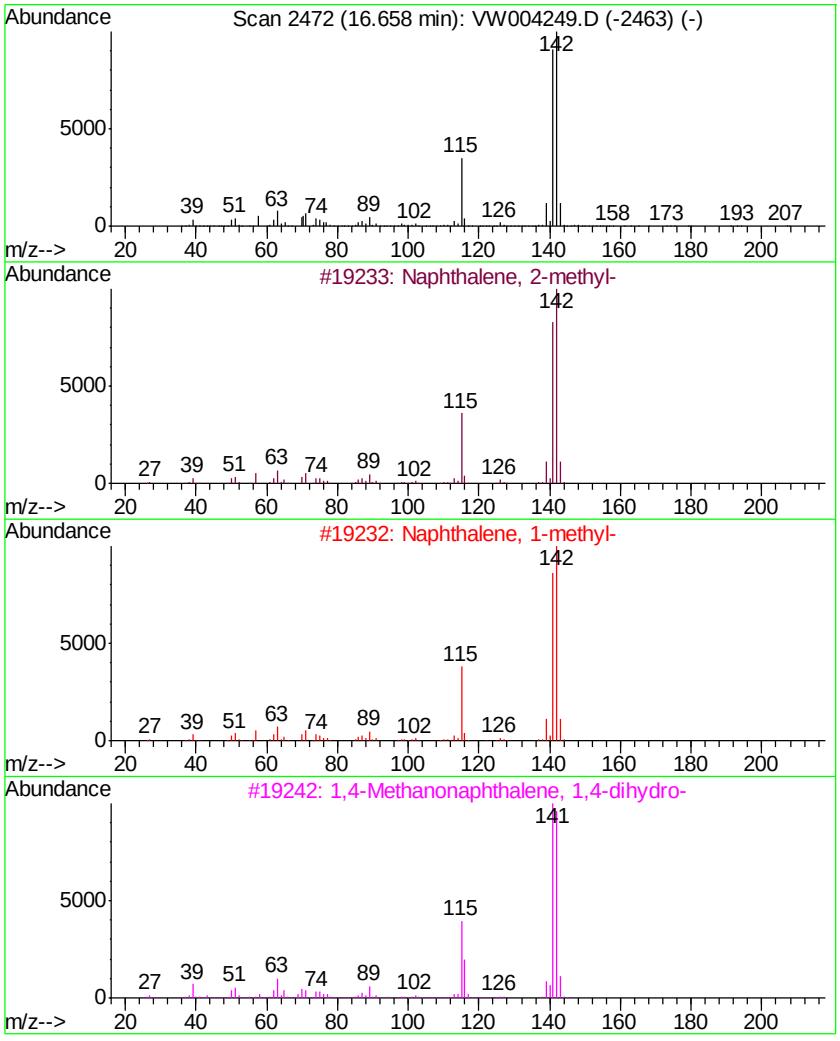
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

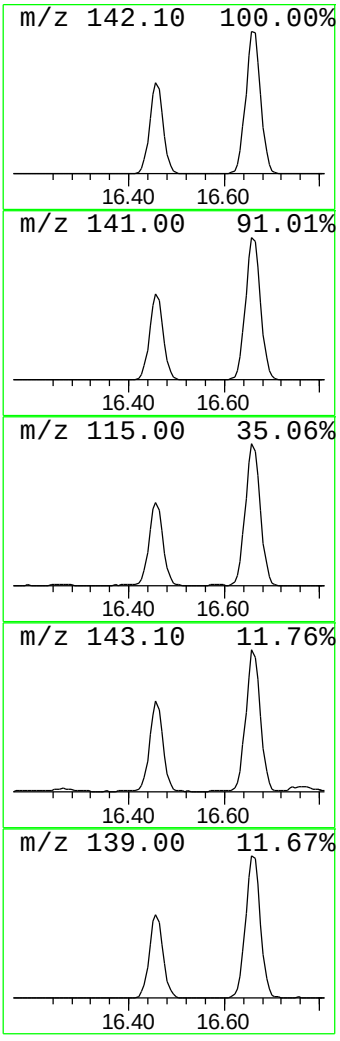
****

Peak Number 10 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.66	730.93 ug/l	3885710	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	93
4	Benzocycloheptatriene	142	C11H10	000264-09-5	90
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072818\
Data File : VW004249.D
Acq On : 27 Jul 2018 03:44
Operator : SY/AP
Sample : J4126-05
Misc : 5.04G/5ML/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : 2018-NYSEG-CLARK-AREA-11

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, 1,2-diet...	13.73	34.0	ug/l	180861	4	13.57	265805	50.0
Benzene, 1-ethyl-...	13.80	46.5	ug/l	247427	4	13.57	265805	50.0
p-Cymene	14.11	30.6	ug/l	162751	4	13.57	265805	50.0
3-Phenylbut-1-ene	14.81	51.1	ug/l	271693	4	13.57	265805	50.0
1H-Indene, 1-methyl-	14.88	24.6	ug/l	130568	4	13.57	265805	50.0
Benzene, 2-etheny...	15.07	28.9	ug/l	153730	4	13.57	265805	50.0
Naphthalene, 1-me...	16.66	730.9	ug/l	3885710	4	13.57	265805	50.0