LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW073018\
Data File : VW004347.D
Acq On : 30 Jul 2018 07:36
Operator : SY/AP
Sample : J4109-06
Misc : 7.55G/5ML/MSVOA W/SOIL
ALS Vial : 49 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : SB-11(8-10)

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\82W073018S.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	57	rVB	3434939	7170547	100.00%	39.332%
2	7.147	901	912	927	rBV	28604	81674	1.14%	0.448%
3	7.885	1024	1033	1038	rBV2	51368	123657	1.72%	0.678%
4	7.952	1038	1044	1053	rVB	117024	251670	3.51%	1.380%
5	8.324	1094	1105	1117	rVB2	207725	496258	6.92%	2.722%
6	8.848	1182	1191	1200	rBV	149388	298397	4.16%	1.637%
7	10.329	1425	1434	1441	rBV	213344	375091	5.23%	2.057%
8	11.439	1611	1616	1624	rVB	43812	75806	1.06%	0.416%
9	11.634	1641	1648	1659	rBV	180370	335025	4.67%	1.838%
10	11.823	1674	1679	1683	rVV4	34783	74776	1.04%	0.410%
11	11.878	1683	1688	1692	rVV	56179	109299	1.52%	0.600%
12	11.921	1692	1695	1700	rVB4	48849	77182	1.08%	0.423%
13	11.982	1700	1705	1711	rBV2	40166	81562	1.14%	0.447%
14	12.146	1724	1732	1737	rBV3	150968	345520	4.82%	1.895%
15	12.231	1743	1746	1754	rVB4	53693	135591	1.89%	0.744%
16	12.305	1754	1758	1760	rBV2	69984	107164	1.49%	0.588%
17	12.347	1760	1765	1770	rBV2	220531	468849	6.54%	2.572%
18	12.457	1780	1783	1789	rVB5	64701	110157	1.54%	0.604%
19	12.622	1805	1810	1816	rVB2	214140	386334	5.39%	2.119%
20	12.707	1816	1824	1828	rBV5	137936	351494	4.90%	1.928%
21	12.786	1833	1837	1843	rVB2	351104	615750	8.59%	3.378%
22	12.872	1843	1851	1855	rBV5	209333	519390	7.24%	2.849%
23	12.945	1858	1863	1869	rBV6	198222	465064	6.49%	2.551%
24	13.085	1883	1886	1890	rVB3	111463	163805	2.28%	0.899%
25	13.189	1897	1903	1911	rBV7	133954	414538	5.78%	2.274%
26	13.268	1911	1916	1919	rBV5	110903	213120	2.97%	1.169%
27	13.384	1932	1935	1940	rVB4	100985	170607	2.38%	0.936%
28	13.487	1949	1952	1960	rVB5	100103	162092	2.26%	0.889%
29	13.567	1961	1965	1973	rVB2	190082	391173	5.46%	2.146%
30	13.890	2012	2018	2023	rBV3	464035	840424	11.72%	4.610%
31	13.957	2026	2029	2032	rVB	56487	87375	1.22%	0.479%
32	14.103	2049	2053	2061	rVB3	119067	226220	3.15%	1.241%
33	14.219	2066	2072	2077	rVV4	82643	173635	2.42%	0.952%
34	14.280	2077	2082	2086	rVV6	55811	132049	1.84%	0.724%

LSC Area Percent Report

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ALS Vial : 49 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : SB-11(8-10)

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\82W073018S.M
Title : SW846 8260

35	14.347	2086	2093	2097	rVV4	145867	410787	5.73%	2.253%
36	14.396	2097	2101	2104	rVV3	134321	245688	3.43%	1.348%
37	14.426	2104	2106	2116	rVB2	114742	180159	2.51%	0.988%
38	14.560	2123	2128	2140	rVB5	86732	211171	2.94%	1.158%
39	14.804	2163	2168	2176	rVB5	81960	181380	2.53%	0.995%
40	15.005	2190	2201	2210	rVB5	114852	423744	5.91%	2.324%
41	15.121	2216	2220	2226	rBV6	26691	82511	1.15%	0.453%
42	15.188	2227	2231	2242	rVB7	48608	129795	1.81%	0.712%
43	15.536	2285	2288	2301	rVB4	46854	130869	1.83%	0.718%
44	16.011	2355	2366	2383	rVB4	28282	131162	1.83%	0.719%
45	16.658	2463	2472	2481	rVB	29845	72320	1.01%	0.397%

Sum of corrected areas: 18230881

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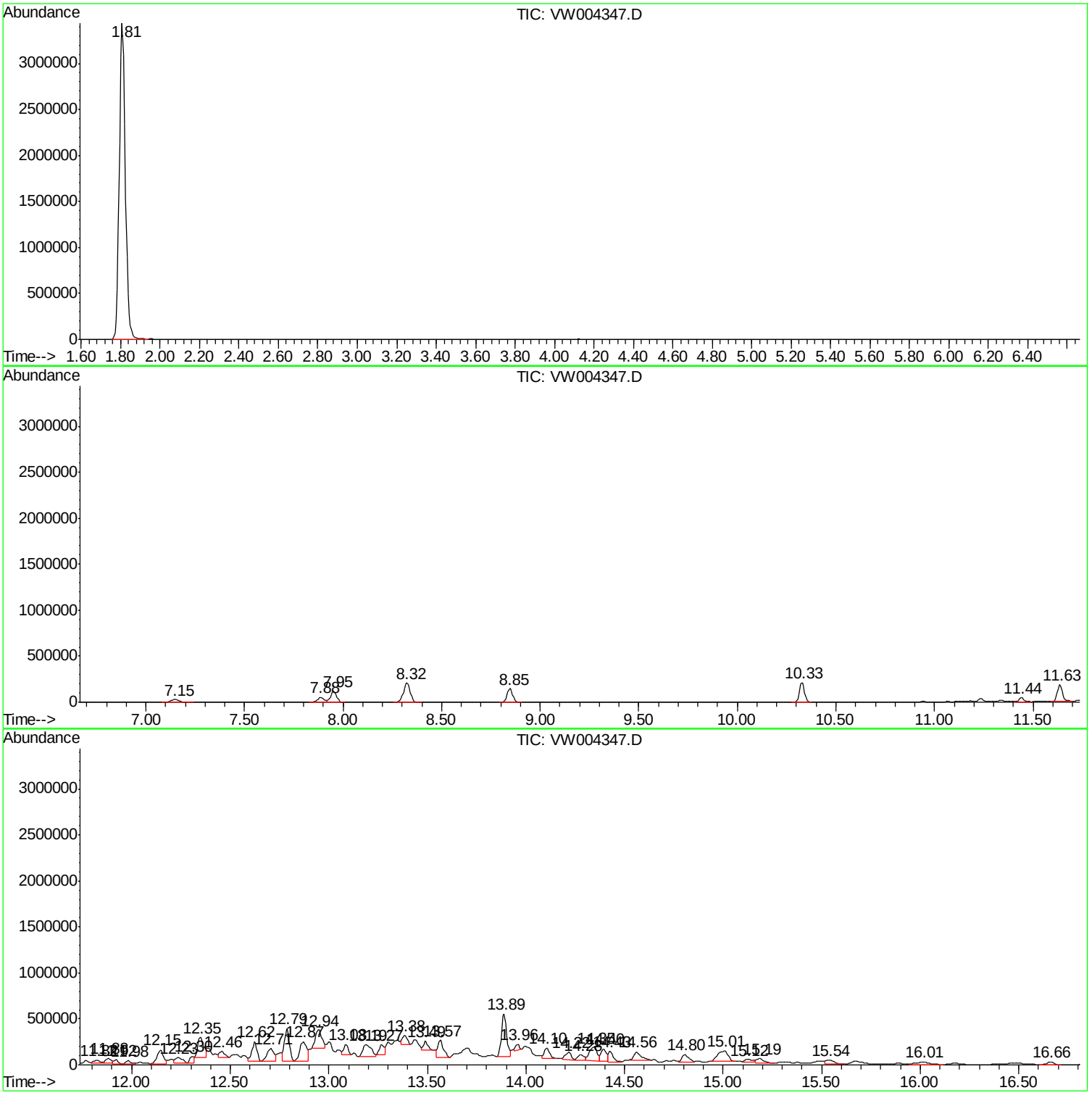
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-11(8-10)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W073018S.M
Quant Title : SW846 8260

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



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Data File : VW004347.D
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Operator : SY/AP
Sample : J4109-06
Misc : 7.55G/5ML/MSVOA_W/SOIL
ALS Vial : 49 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : SB-11(8-10)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W073018S.M
Quant Title : SW846 8260

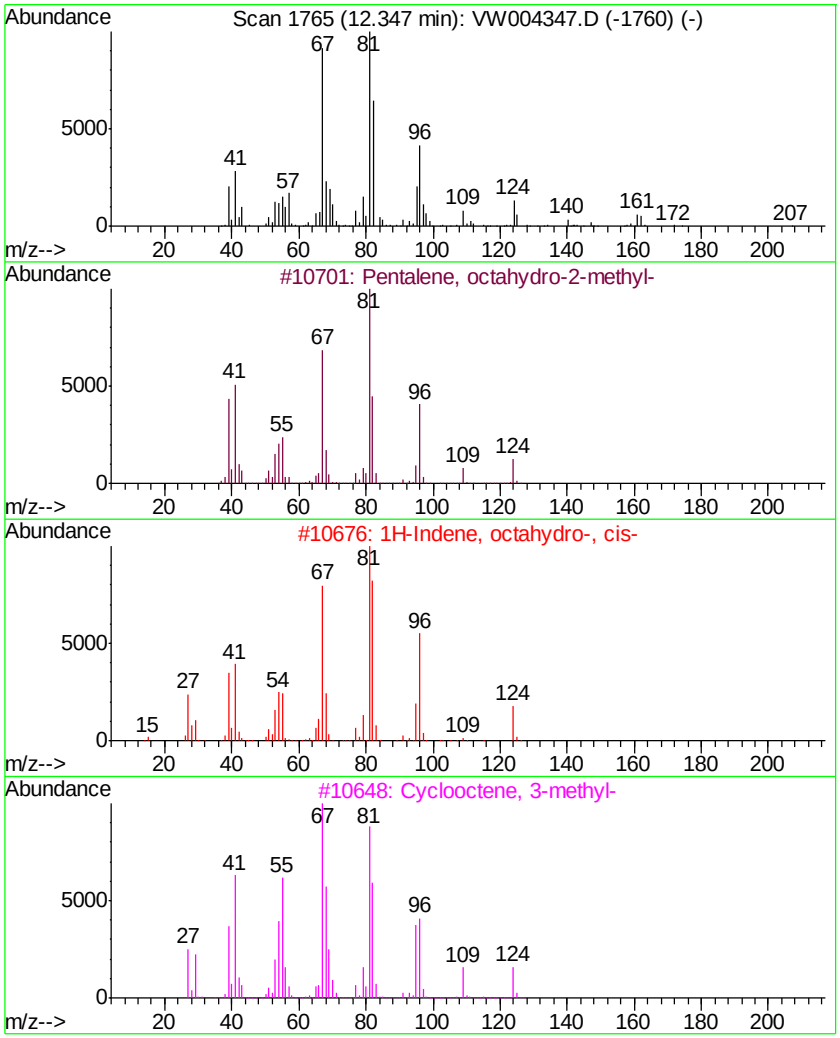
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

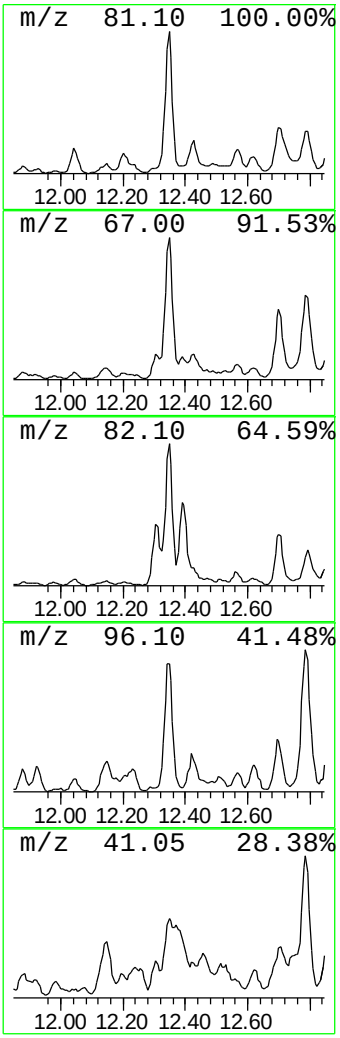
****

Peak Number 2 Pentalene, octahydro-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	69.97 ug/l	468849	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	87
2	1H-Indene, octahydro-, cis-	124	C9H16	004551-51-3	74
3	Cyclooctene, 3-methyl-	124	C9H16	013152-05-1	72
4	Ethylidenecycloheptane	124	C9H16	010494-87-8	64
5	1H-Indene, octahydro-, trans-	124	C9H16	003296-50-2	62





Library Search Compound Report

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Data File : VW004347.D
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Operator : SY/AP
Sample : J4109-06
Misc : 7.55G/5ML/MSVOA_W/SOIL
ALS Vial : 49 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : SB-11(8-10)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W073018S.M
Quant Title : SW846 8260

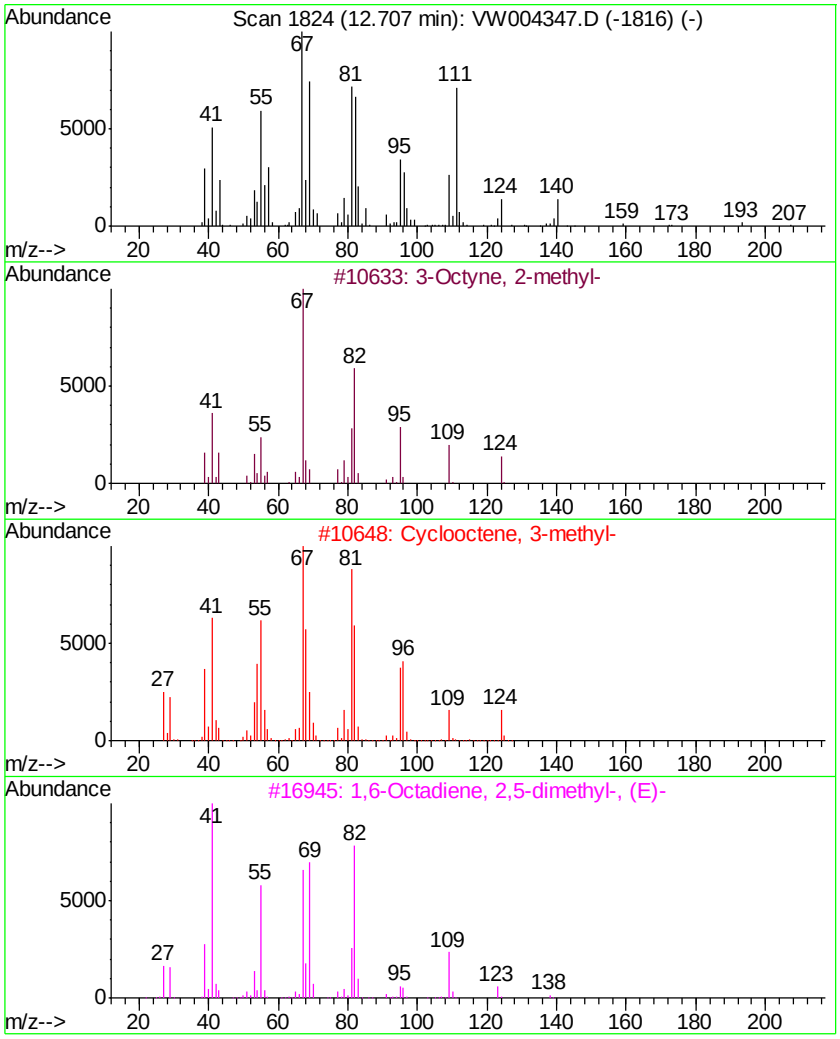
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

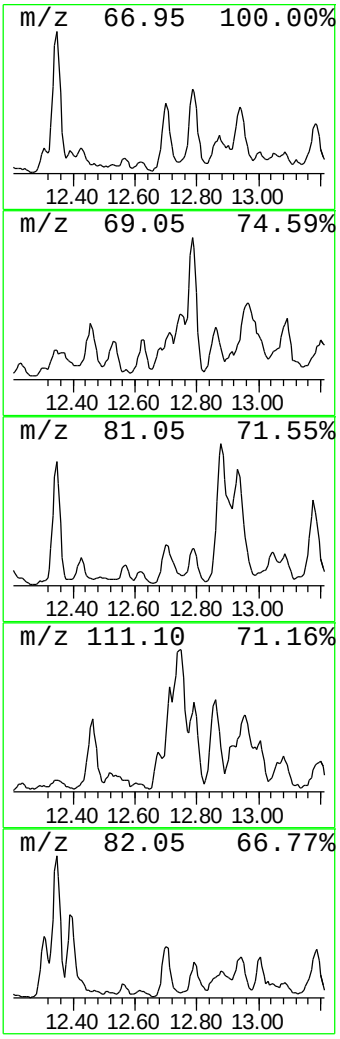
****

Peak Number 3 3-Octyne, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.71	44.93 ug/l	351494	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octyne, 2-methyl-	124	C9H16	055402-15-8	50
2	Cyclooctene, 3-methyl-	124	C9H16	013152-05-1	49
3	1,6-Octadiene, 2,5-dimethyl-, (E)-	138	C10H18	068702-25-0	46
4	2-Methylbicyclo[3.2.1]octane	124	C9H16	1000215-28-0	41
5	Ethylidenecycloheptane	124	C9H16	010494-87-8	38





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Data File : VW004347.D
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Operator : SY/AP
Sample : J4109-06
Misc : 7.55G/5ML/MSVOA W/SOIL
ALS Vial : 49 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : SB-11(8-10)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W073018S.M
Quant Title : SW846 8260

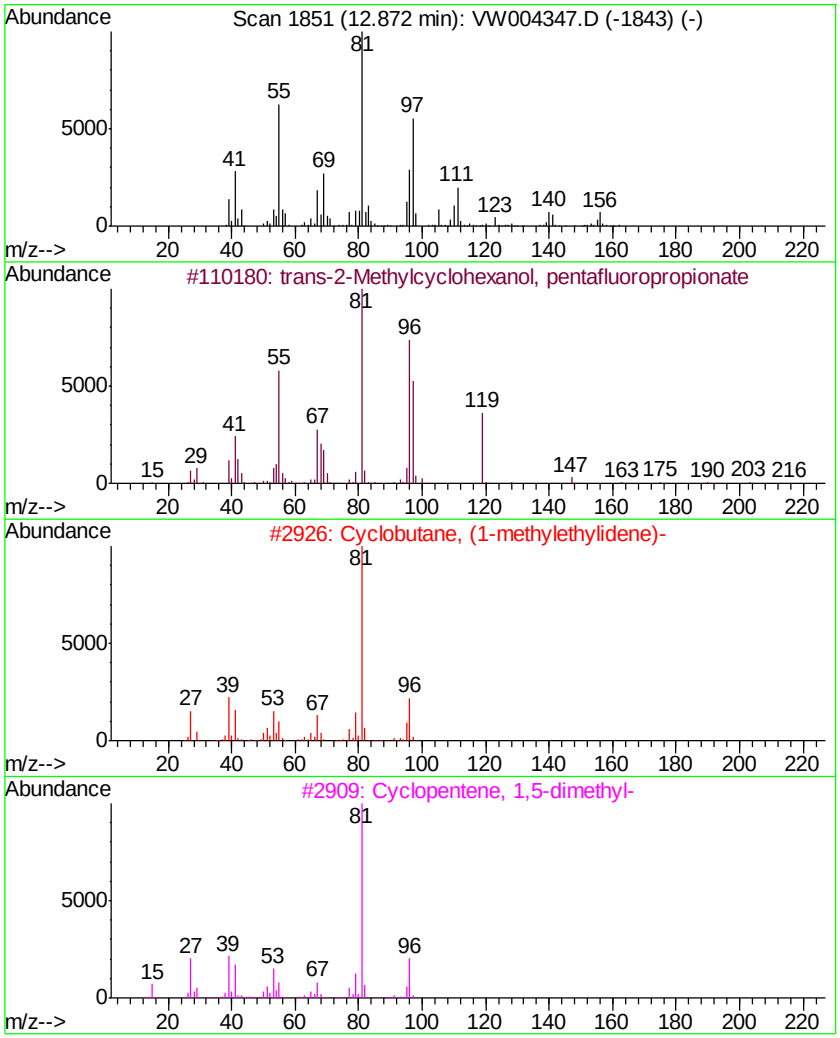
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

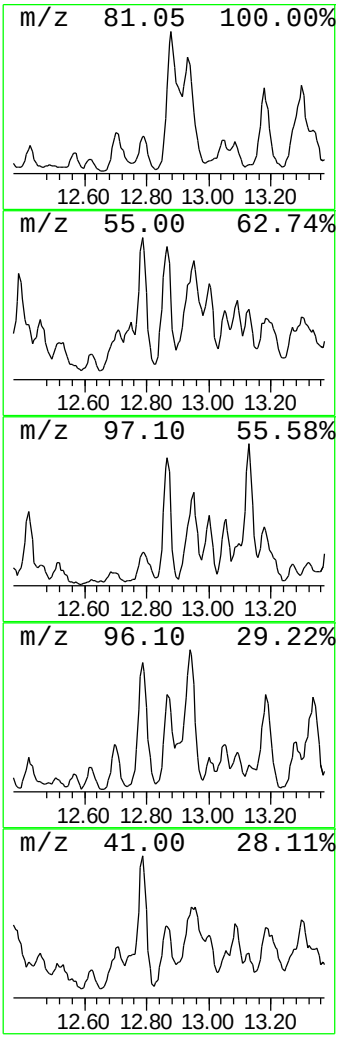
****

Peak Number 4 trans-2-Methylcyclohexanol,... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	66.39 ug/l	519390	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-2-Methylcyclohexanol, pent...	260	C10H13F5O2	1000364-13-4	50
2	Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	46
3	Cyclopentene, 1,5-dimethyl-	96	C7H12	016491-15-9	43
4	Acetic acid, cis-4-methylcyclohe...	156	C9H16O2	1000368-24-8	43
5	Cyclohexane, 1,2-dichloro-, trans-	152	C6H10Cl2	000822-86-6	27





Library Search Compound Report

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Operator : SY/AP
Sample : J4109-06
Misc : 7.55G/5ML/MSVOA_W/SOIL
ALS Vial : 49 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : SB-11(8-10)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W073018S.M
Quant Title : SW846 8260

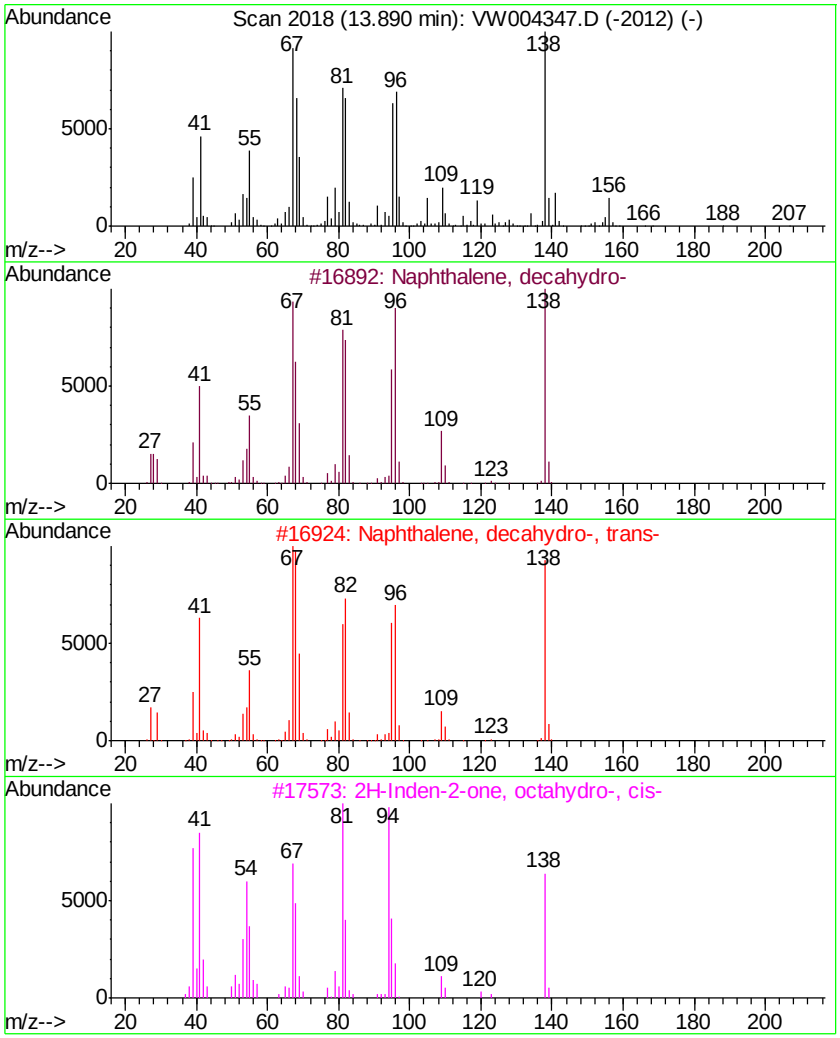
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

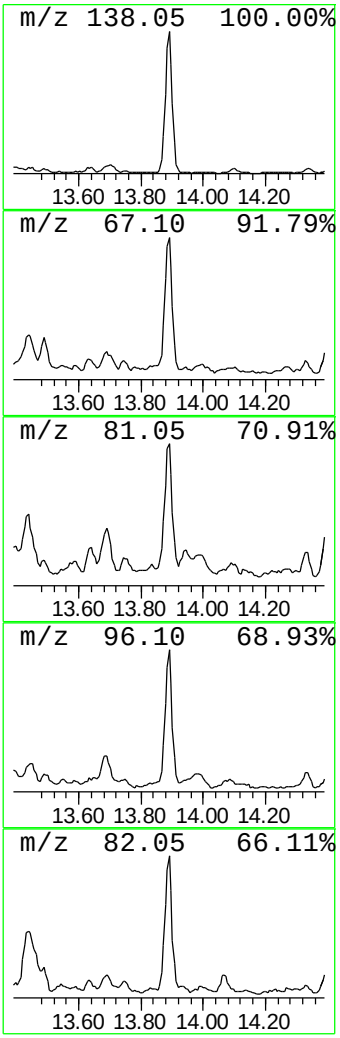
****

Peak Number 5 Naphthalene, decahydro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	107.42 ug/l	840424	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-	138	C10H18	000091-17-8	98
2	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	96
3	2H-Inden-2-one, octahydro-, cis-	138	C9H14O	005689-04-3	80
4	2-Cyclohexen-1-one, 4-(1-methyle...	138	C9H14O	000500-02-7	74
5	Spiro[4.5]decane	138	C10H18	000176-63-6	74





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Operator : SY/AP
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Misc : 7.55G/5ML/MSVOA W/SOIL
ALS Vial : 49 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : SB-11(8-10)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W073018S.M
Quant Title : SW846 8260

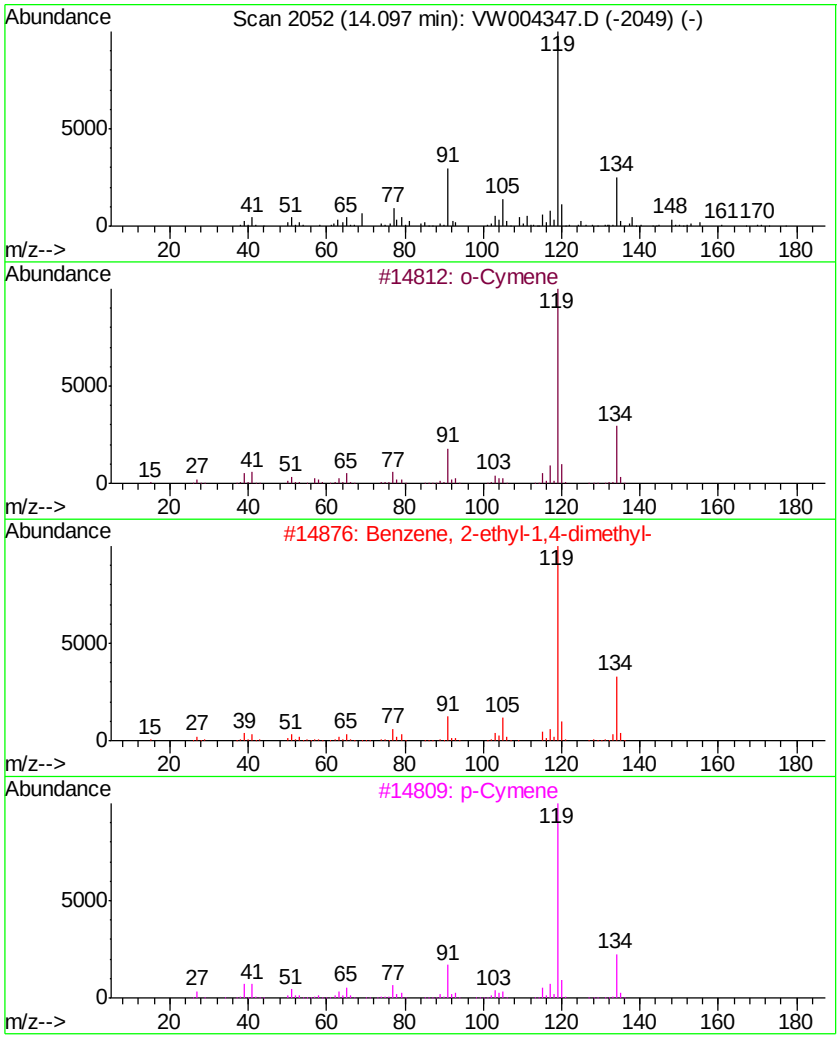
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

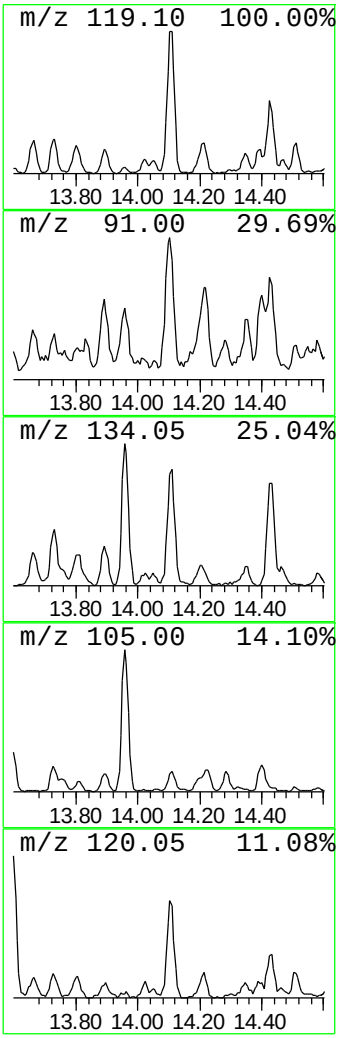
****

Peak Number 6 o-Cymene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	28.92 ug/l	226220	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	94
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93
3	p-Cymene	134	C10H14	000099-87-6	91
4	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	90
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90





Library Search Compound Report

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Instrument : MSVOA_W
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W073018S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
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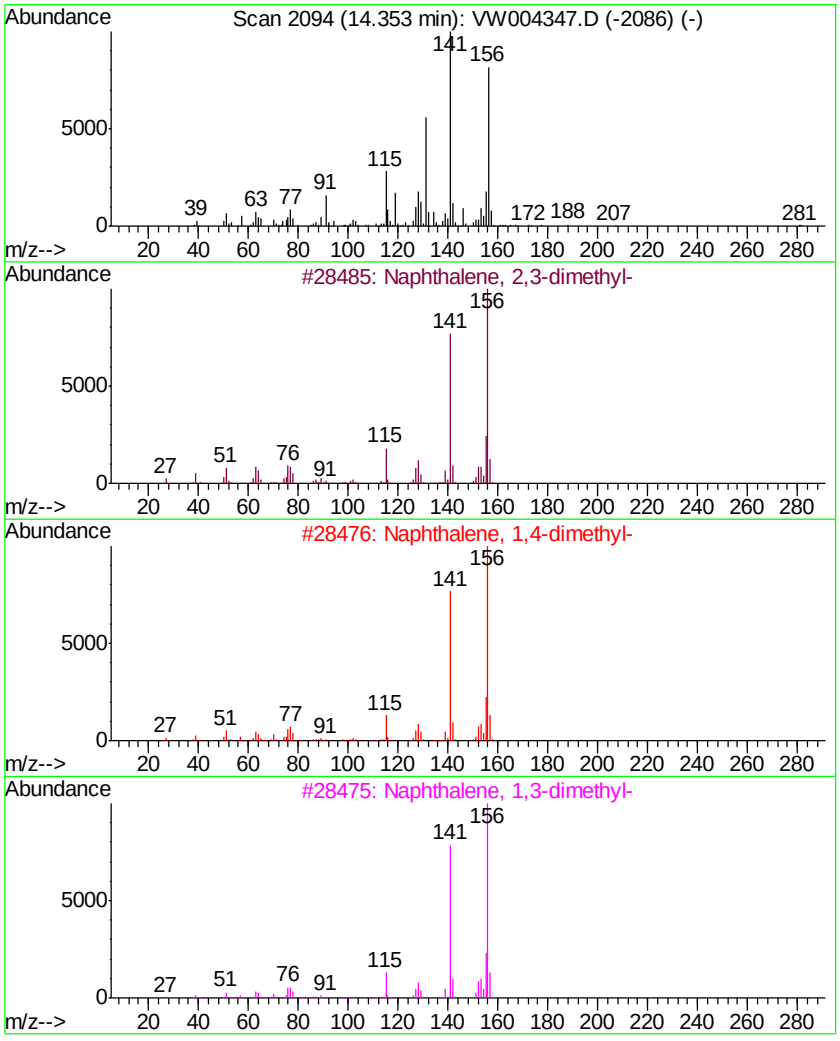
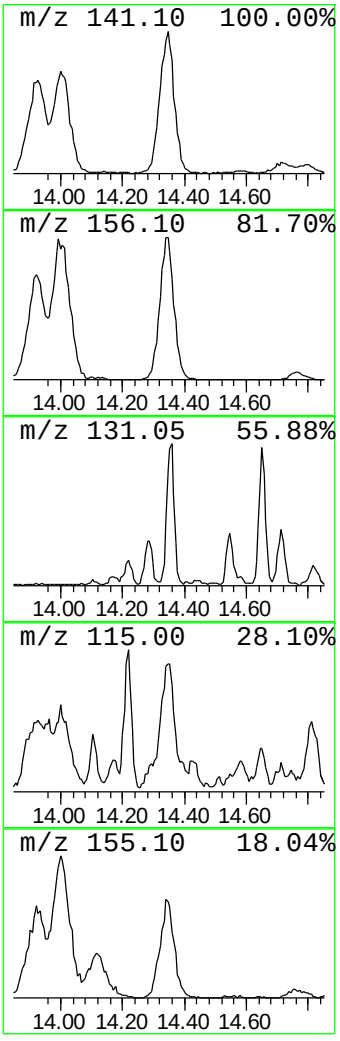
****

Peak Number 7 Naphthalene, 2,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.35	52.51 ug/l	410787	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	94
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	93
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	90





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Quant Title : SW846 8260

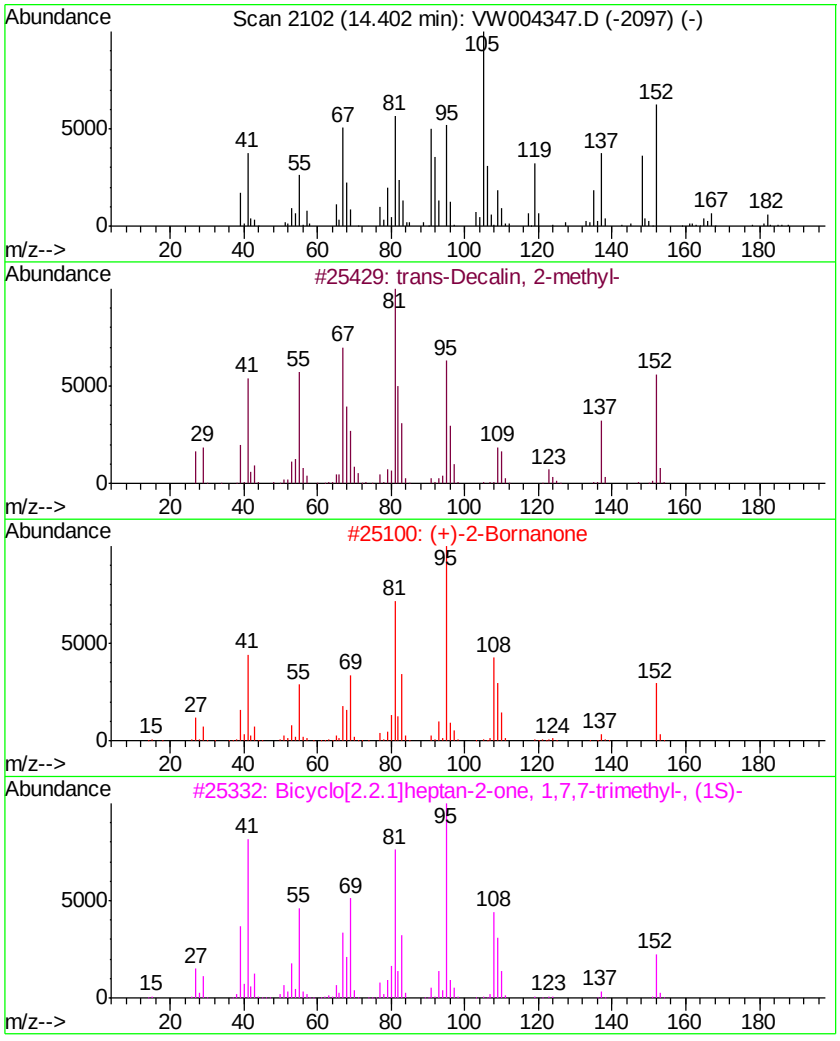
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

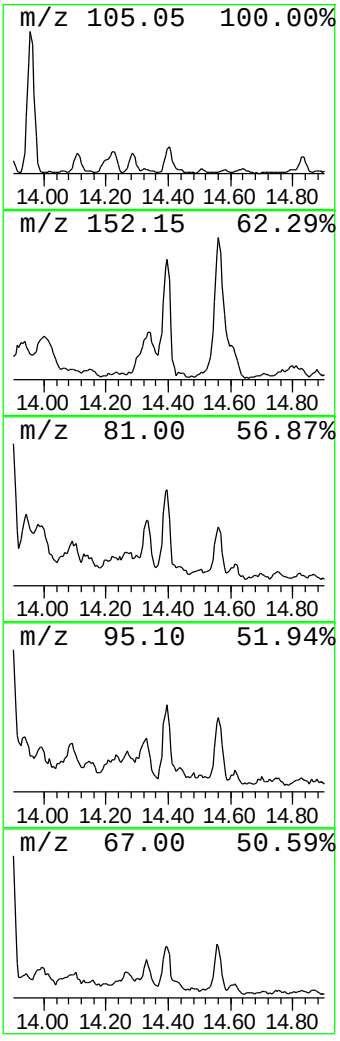
****

Peak Number 8 trans-Decalin, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.40	31.40 ug/l	245688	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	58
2	(+)-2-Bornanone	152	C10H16O	000464-49-3	52
3	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	50
4	Camphor	152	C10H16O	000076-22-2	49
5	Pulegone	152	C10H16O	000089-82-7	38





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ALS Vial : 49 Sample Multiplier: 1

Instrument : MSVOA_W
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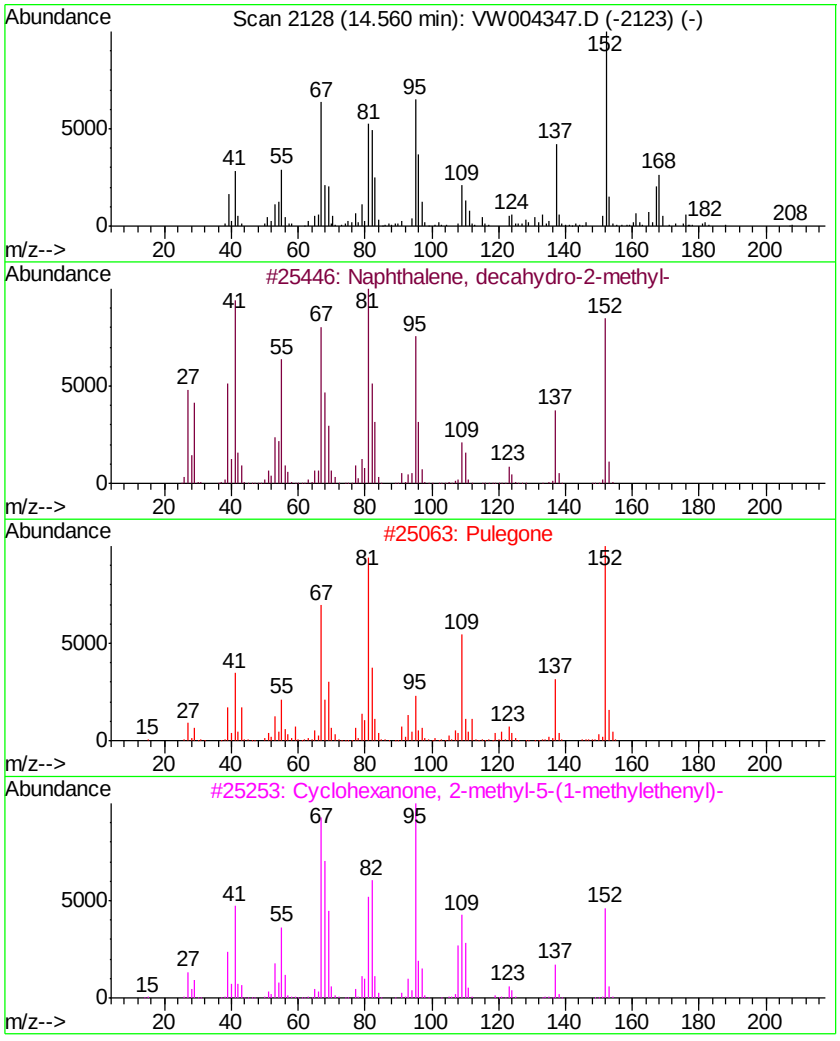
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W073018S.M
Quant Title : SW846 8260

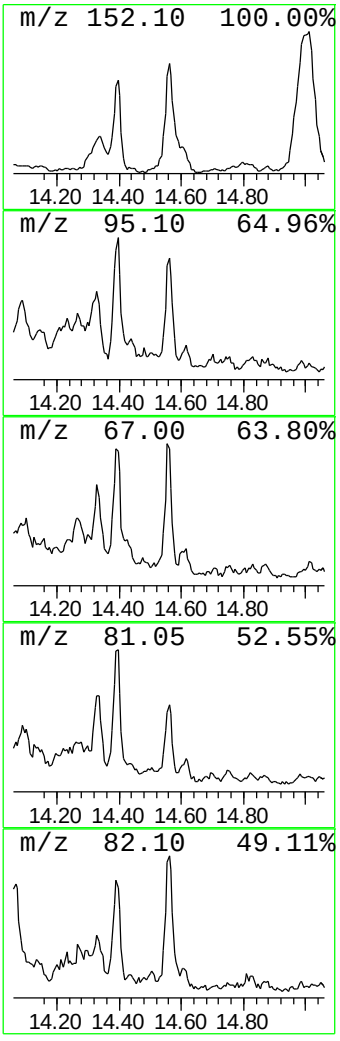
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Naphthalene, decahydro-2-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.56	26.99 ug/l	211171	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	76
2	Pulegone	152	C10H16O	000089-82-7	70
3	Cyclohexanone, 2-methyl-5-(1-met...	152	C10H16O	007764-50-3	58
4	Diisopropylaminoacrylonitryl	152	C9H16N2	038691-28-0	53
5	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW073018\
Data File : VW004347.D
Acq On : 30 Jul 2018 07:36
Operator : SY/AP
Sample : J4109-06
Misc : 7.55G/5ML/MSVOA_W/SOIL
ALS Vial : 49 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : SB-11(8-10)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W073018S.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
Pentalene, octahy...	12.35	70.0	ug/l	468849	3	11.63	335025	50.0
3-Octyne, 2-methyl-	12.71	44.9	ug/l	351494	4	13.57	391173	50.0
trans-2-Methylcyc...	12.87	66.4	ug/l	519390	4	13.57	391173	50.0
Naphthalene, deca...	13.89	107.4	ug/l	840424	4	13.57	391173	50.0
o-Cymene	14.10	28.9	ug/l	226220	4	13.57	391173	50.0
Naphthalene, 2,3-...	14.35	52.5	ug/l	410787	4	13.57	391173	50.0
trans-Decalin, 2-...	14.40	31.4	ug/l	245688	4	13.57	391173	50.0
Naphthalene, deca...	14.56	27.0	ug/l	211171	4	13.57	391173	50.0