LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091218\
Data File : VW005338.D
Acq On : 12 Sep 2018 20:39
Operator : SY/AP
Sample : J4883-01
Misc : 5.02G/5ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : 292

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\82W091018S.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	1.959	5	9	17	rVB3	9346	17784	1.37%	0.149%
2	2.349	65	73	81	rVB2	11309	21055	1.62%	0.176%
3	2.648	116	122	130	rVB8	8274	20132	1.55%	0.169%
4	4.129	355	365	379	rBV	24301	69298	5.32%	0.580%
5	4.379	397	406	416	rBV	20847	58837	4.52%	0.493%
6	4.915	482	494	511	rBV2	38698	131124	10.07%	1.098%
7	7.141	849	859	875	rBV	30339	91908	7.06%	0.769%
8	7.891	971	982	987	rBV	163759	387117	29.74%	3.241%
9	7.958	987	993	1003	rVB	417453	921058	70.75%	7.711%
10	8.311	1039	1051	1063	rVB	174833	397836	30.56%	3.331%
11	8.848	1130	1139	1157	rBV	586291	1155967	88.79%	9.678%
12	9.335	1209	1219	1225	rBV6	6701	17586	1.35%	0.147%
13	10.329	1374	1382	1389	rBV	744830	1301845	100.00%	10.899%
14	10.396	1389	1393	1402	rVV	28501	54246	4.17%	0.454%
15	10.506	1402	1411	1420	rVB8	5457	15224	1.17%	0.127%
16	10.713	1440	1445	1451	rVV2	39602	75956	5.83%	0.636%
17	11.238	1526	1531	1536	rVB2	10752	18873	1.45%	0.158%
18	11.445	1556	1565	1572	rVB5	5936	19010	1.46%	0.159%
19	11.634	1588	1596	1607	rBV	736827	1256544	96.52%	10.520%
20	11.737	1607	1613	1616	rBV2	10390	19408	1.49%	0.162%
21	11.841	1622	1630	1634	rBV4	14893	38399	2.95%	0.321%
22	11.878	1634	1636	1649	rVB5	11015	31836	2.45%	0.267%
23	12.140	1671	1679	1682	rBV5	13455	31440	2.42%	0.263%
24	12.256	1692	1698	1702	rVB4	8495	19368	1.49%	0.162%
25	12.347	1708	1713	1715	rBV4	12174	20344	1.56%	0.170%
26	12.475	1723	1734	1739	rBV7	24034	54859	4.21%	0.459%
27	12.621	1752	1758	1766	rBV	458106	763834	58.67%	6.395%
28	12.713	1766	1773	1777	rBV8	8485	23584	1.81%	0.197%
29	12.786	1778	1785	1792	rVB4	32329	69211	5.32%	0.579%
30	12.871	1792	1799	1803	rBV6	22018	49092	3.77%	0.411%
31	12.951	1806	1812	1823	rVB6	49988	124072	9.53%	1.039%
32	13.091	1831	1835	1836	rBV3	12280	14355	1.10%	0.120%
33	13.176	1844	1849	1858	rBV6	24335	55693	4.28%	0.466%
34	13.262	1858	1863	1867	rBV	33035	52069	4.00%	0.436%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091218\
Data File : VW005338.D
Acq On : 12 Sep 2018 20:39
Operator : SY/AP
Sample : J4883-01
Misc : 5.02G/5ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : 292

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\82W091018S.M
Title : SW846 8260

35	13.481	1891	1899	1907	rVB9	30823	96836	7.44%	0.811%
36	13.566	1907	1913	1922	rBV	599020	999906	76.81%	8.371%
37	13.707	1932	1936	1941	rBV6	12009	25123	1.93%	0.210%
38	13.761	1941	1945	1949	rBV2	30938	55765	4.28%	0.467%
39	13.883	1960	1965	1971	rBV3	81696	146175	11.23%	1.224%
40	14.024	1984	1988	1989	rBV3	14871	19416	1.49%	0.163%
41	14.103	1995	2001	2005	rVB2	41866	81415	6.25%	0.682%
42	14.213	2014	2019	2024	rBV	58471	98848	7.59%	0.828%
43	14.274	2024	2029	2035	rBV7	29222	62647	4.81%	0.524%
44	14.353	2035	2042	2045	rBV3	41210	86593	6.65%	0.725%
45	14.396	2045	2049	2052	rVV2	62945	108228	8.31%	0.906%
46	14.432	2052	2055	2058	rVV3	48292	78826	6.05%	0.660%
47	14.469	2058	2061	2064	rVB	28182	36482	2.80%	0.305%
48	14.511	2064	2068	2071	rBV3	32119	45922	3.53%	0.384%
49	14.554	2071	2075	2082	rVB7	46021	88933	6.83%	0.745%
50	14.652	2088	2091	2095	rVB	19592	26677	2.05%	0.223%
51	14.706	2096	2100	2102	rVV4	22955	38766	2.98%	0.325%
52	14.737	2102	2105	2111	rVB3	44523	70812	5.44%	0.593%
53	14.810	2111	2117	2121	rBV4	95732	215575	16.56%	1.805%
54	14.853	2121	2124	2132	rVB3	79293	159849	12.28%	1.338%
55	14.969	2140	2143	2148	rBV3	31350	51688	3.97%	0.433%
56	15.072	2157	2160	2164	rVB4	37243	54909	4.22%	0.460%
57	15.115	2165	2167	2173	rVV2	18357	34038	2.61%	0.285%
58	15.188	2173	2179	2187	rVB4	54032	122861	9.44%	1.029%
59	15.340	2199	2204	2205	rBV2	98152	132085	10.15%	1.106%
60	15.377	2205	2210	2216	rVB	359751	640871	49.23%	5.365%
61	15.670	2250	2258	2264	rBV6	50922	150702	11.58%	1.262%
62	15.749	2266	2271	2277	rVB4	53818	104198	8.00%	0.872%
63	15.968	2302	2307	2311	rBV4	33145	56055	4.31%	0.469%
64	16.304	2358	2362	2368	rVB2	70657	119825	9.20%	1.003%
65	16.456	2382	2387	2393	rBV	80053	157965	12.13%	1.322%
66	16.657	2413	2420	2431	rVB2	122513	377712	29.01%	3.162%

Sum of corrected areas: 11944667

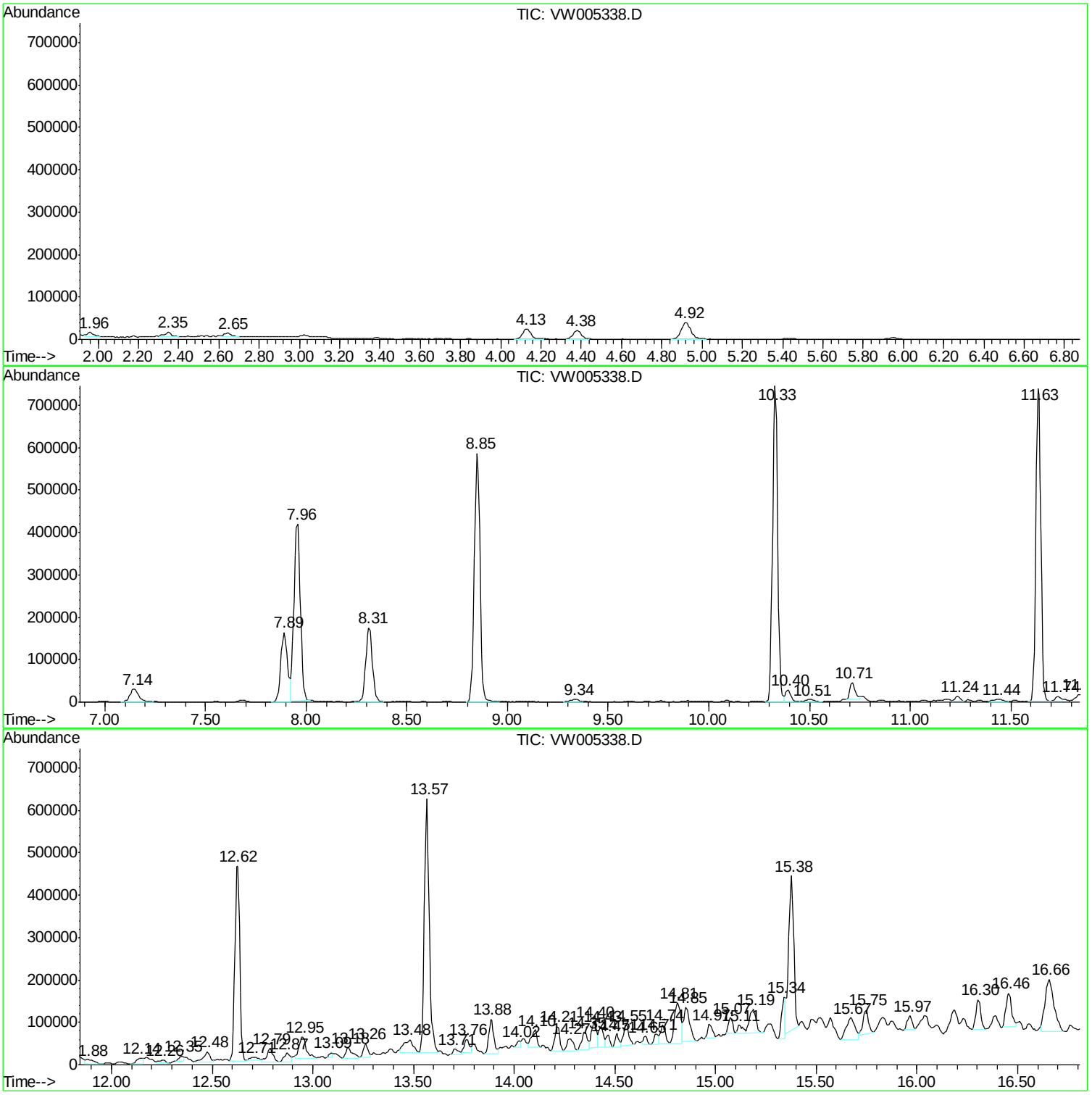
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091218\
Data File : VW005338.D
Acq On : 12 Sep 2018 20:39
Operator : SY/AP
Sample : J4883-01
Misc : 5.02G/5ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : 292

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.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\VW091218\
Data File : VW005338.D
Acq On : 12 Sep 2018 20:39
Operator : SY/AP
Sample : J4883-01
Misc : 5.02G/5ML/MSVOA_W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : 292

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
Quant Title : SW846 8260

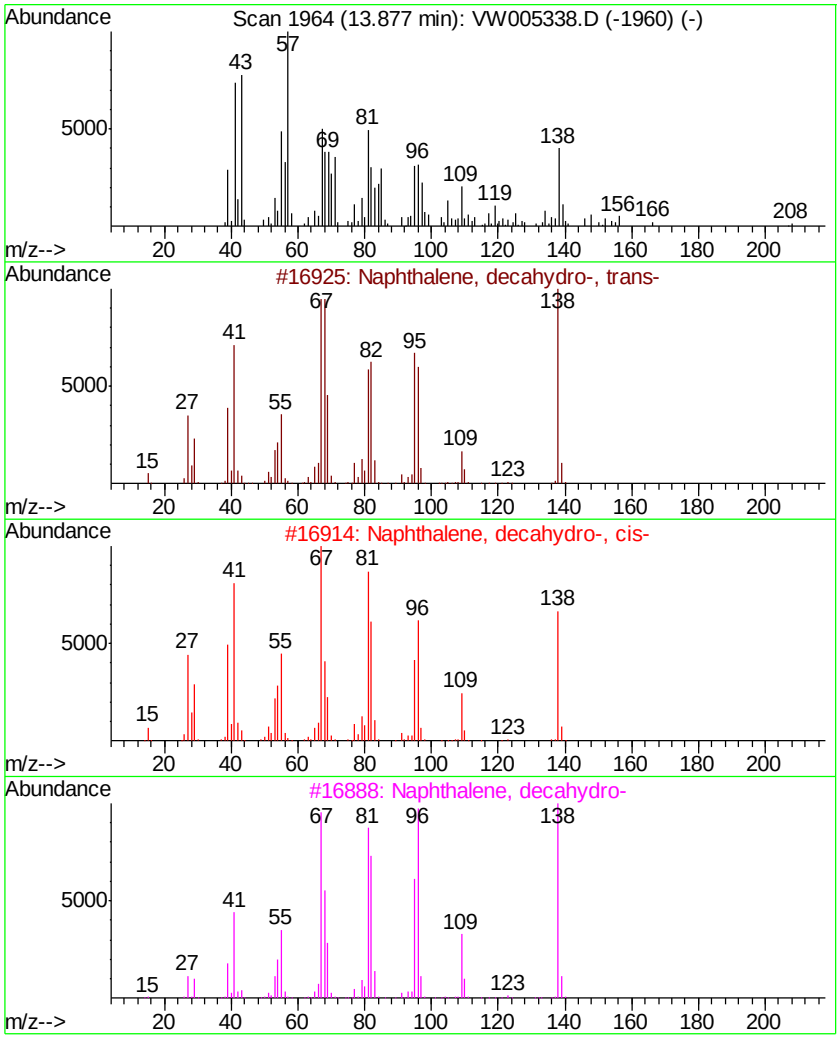
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

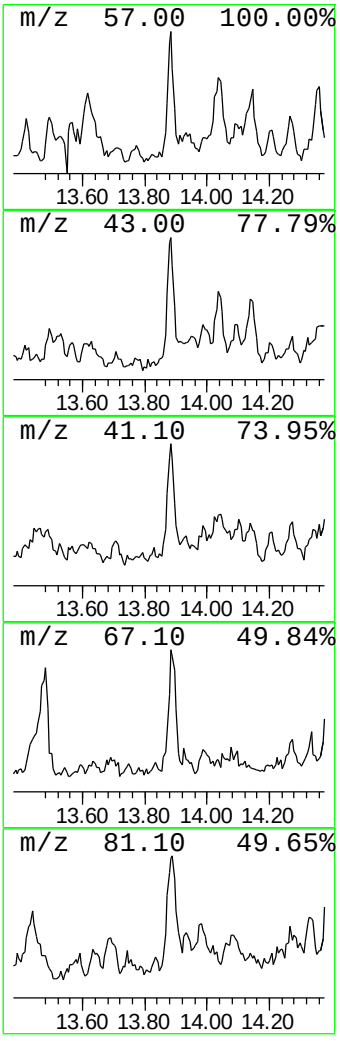
****

Peak Number 1 Naphthalene, decahydro-, tr... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	7.31 ug/l	146175	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	95
2	Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	50
3	Naphthalene, decahydro-	138	C10H18	000091-17-8	50
4	(2E,4E)-3,7-Dimethyl-2,4-octadiene	138	C10H18	1000374-08-2	38
5	Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	002778-68-9	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091218\
Data File : VW005338.D
Acq On : 12 Sep 2018 20:39
Operator : SY/AP
Sample : J4883-01
Misc : 5.02G/5ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : 292

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
Quant Title : SW846 8260

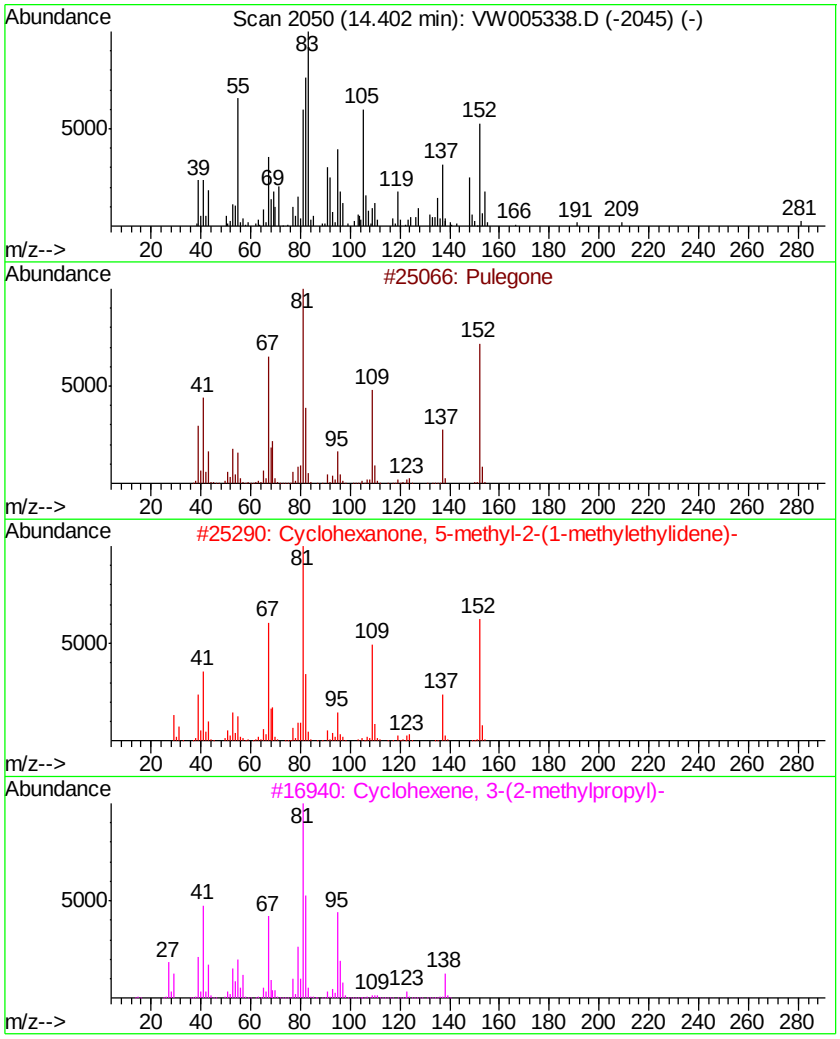
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

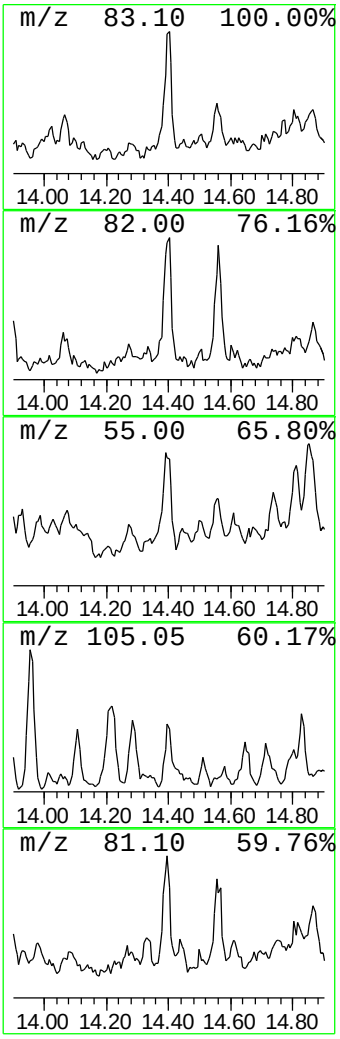
****

Peak Number 2 Pulegone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.40	5.41 ug/l	108228	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pulegone	152	C10H16O	000089-82-7	41
2	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	38
3	Cyclohexene, 3-(2-methylpropyl)-	138	C10H18	004104-56-7	30
4	Cyclohexene, 3-pentyl-	152	C11H20	015232-92-5	30
5	1-Pentadecyne	208	C15H28	000765-13-9	25





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091218\
Data File : VW005338.D
Acq On : 12 Sep 2018 20:39
Operator : SY/AP
Sample : J4883-01
Misc : 5.02G/5ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : 292

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
Quant Title : SW846 8260

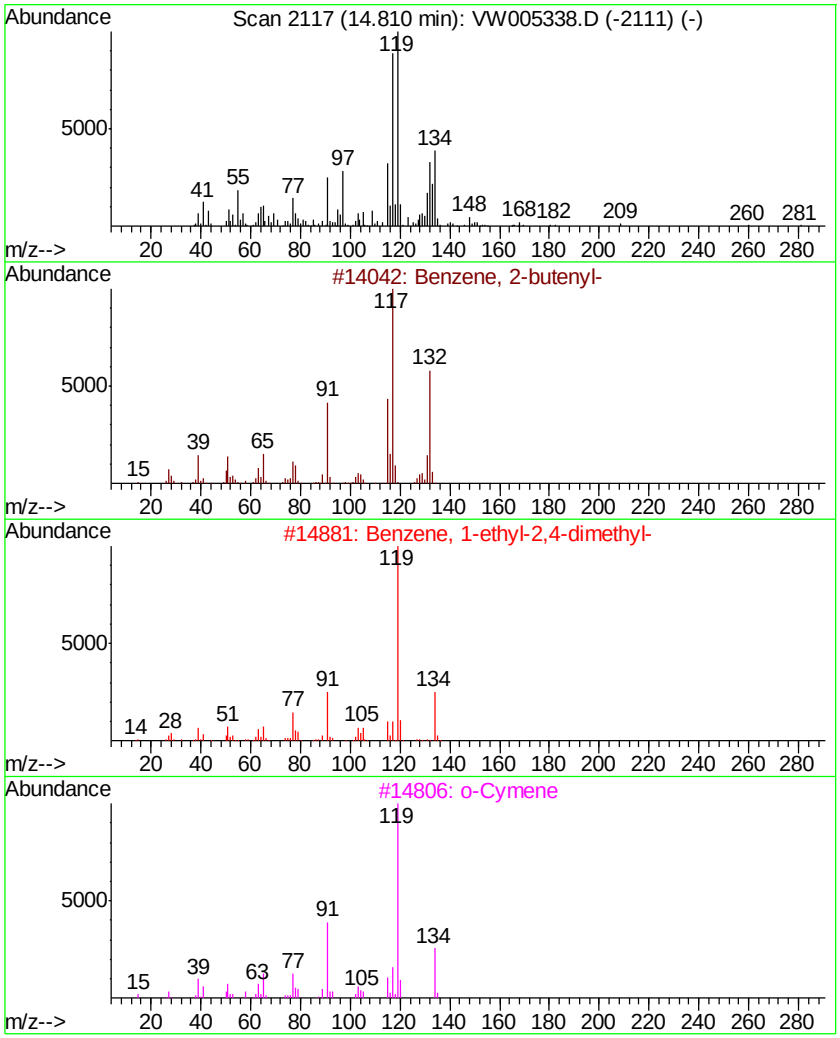
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

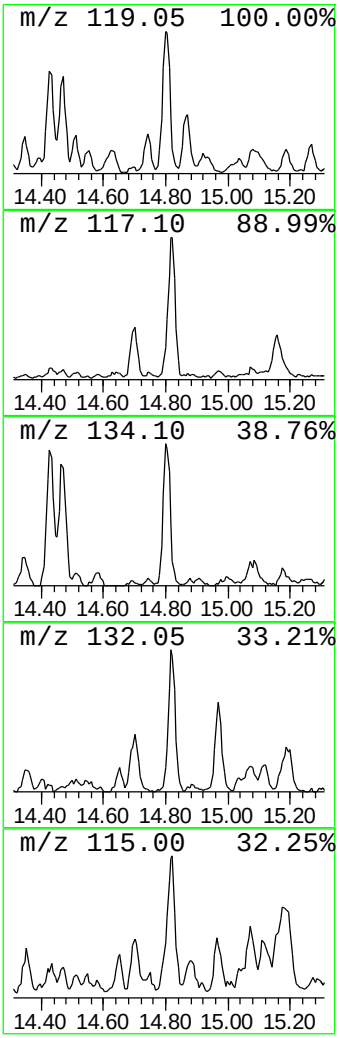
****

Peak Number 3 unknown14.81 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	10.78 ug/l	215575	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-butenyl-	132	C10H12	001560-06-1	46
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	46
3	o-Cymene	134	C10H14	000527-84-4	46
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	46
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	46





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091218\
Data File : VW005338.D
Acq On : 12 Sep 2018 20:39
Operator : SY/AP
Sample : J4883-01
Misc : 5.02G/5ML/MSVOA_W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : 292

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
Quant Title : SW846 8260

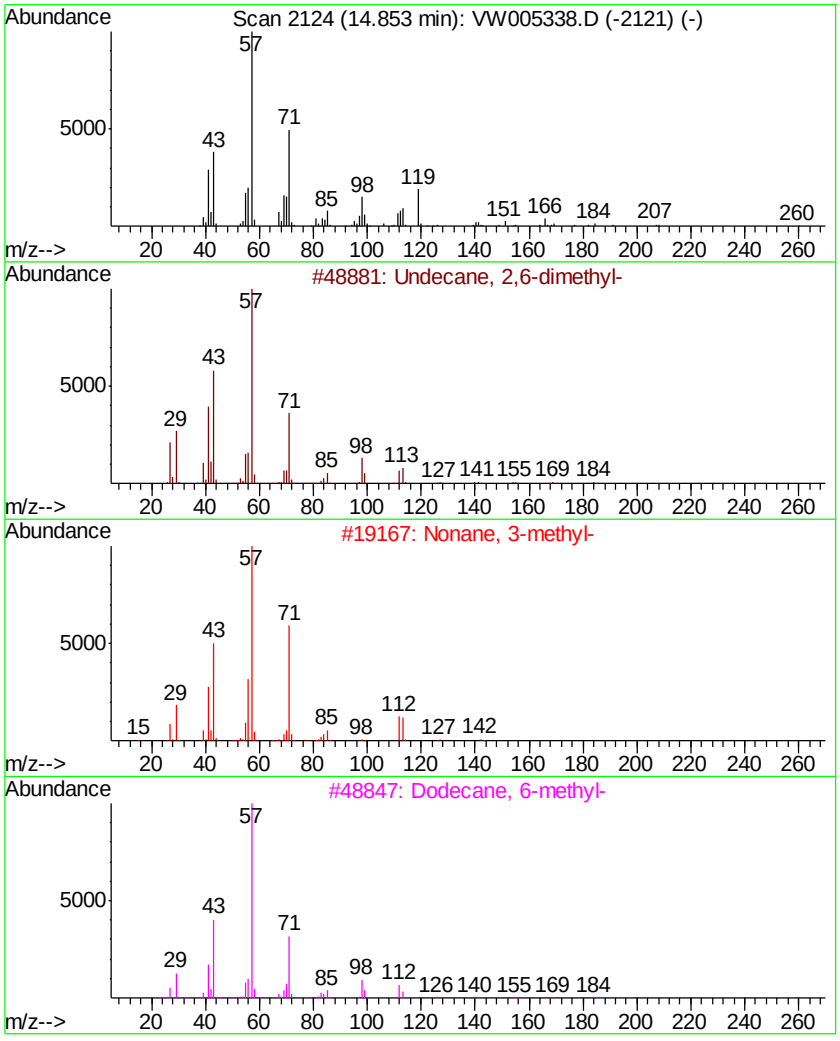
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

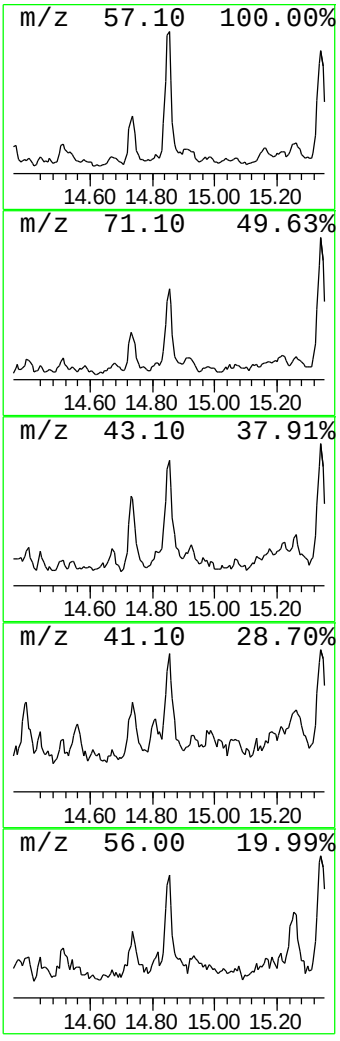
****

Peak Number 4 Undecane, 2,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	7.99 ug/l	159849	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	87
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	58
3	Dodecane, 6-methyl-	184	C13H28	006044-71-9	58
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	52
5	5-Ethyldecane	170	C12H26	017302-36-2	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091218\
Data File : VW005338.D
Acq On : 12 Sep 2018 20:39
Operator : SY/AP
Sample : J4883-01
Misc : 5.02G/5ML/MSVOA_W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : 292

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
Quant Title : SW846 8260

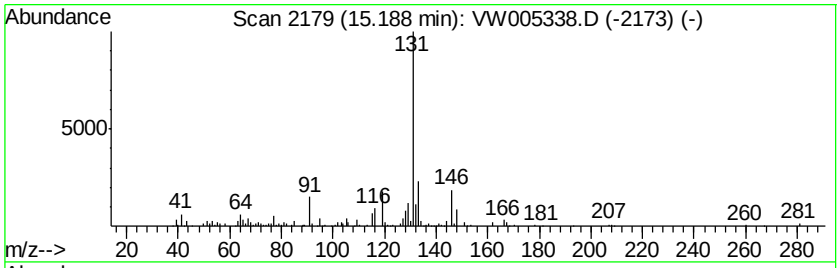
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

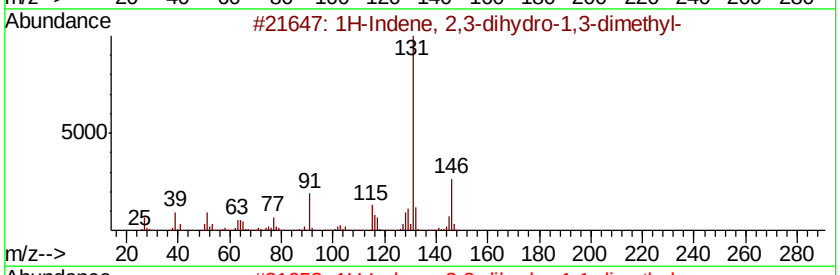
****

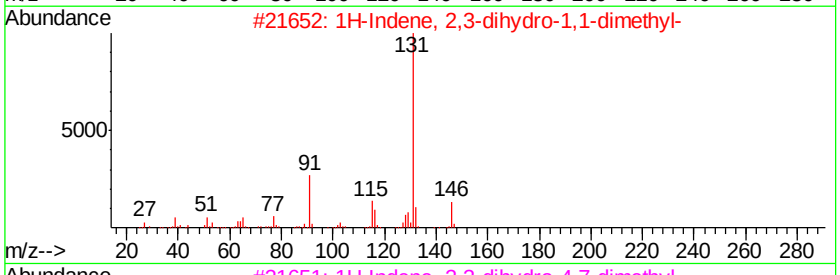
Peak Number 5 1H-Indene, 2,3-dihydro-1,3-... Concentration Rank 7

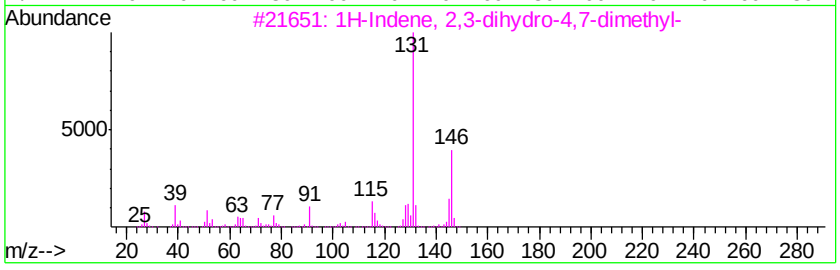
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	6.14 ug/l	122861	1,4-Dichlorobenzene-d4	13.57

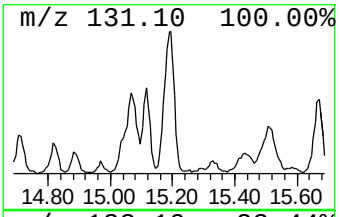
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	76
2	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	76
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	68
4	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	64
5	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	64

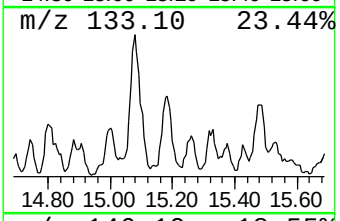


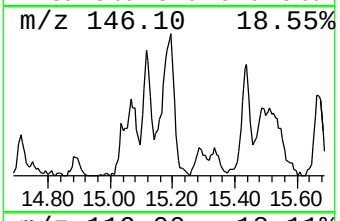


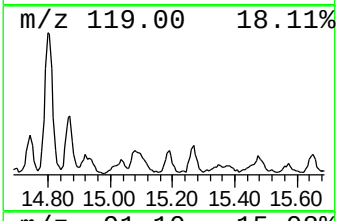


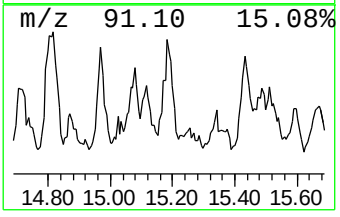












Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091218\
Data File : VW005338.D
Acq On : 12 Sep 2018 20:39
Operator : SY/AP
Sample : J4883-01
Misc : 5.02G/5ML/MSVOA_W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : 292

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
Quant Title : SW846 8260

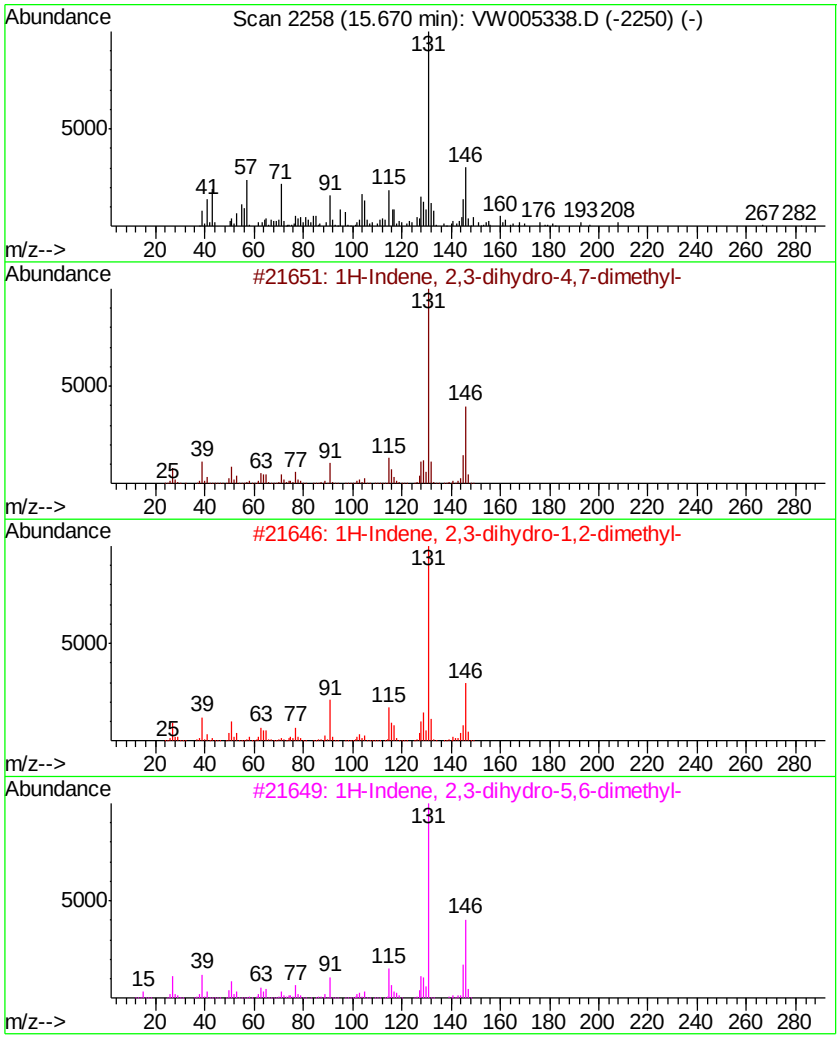
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

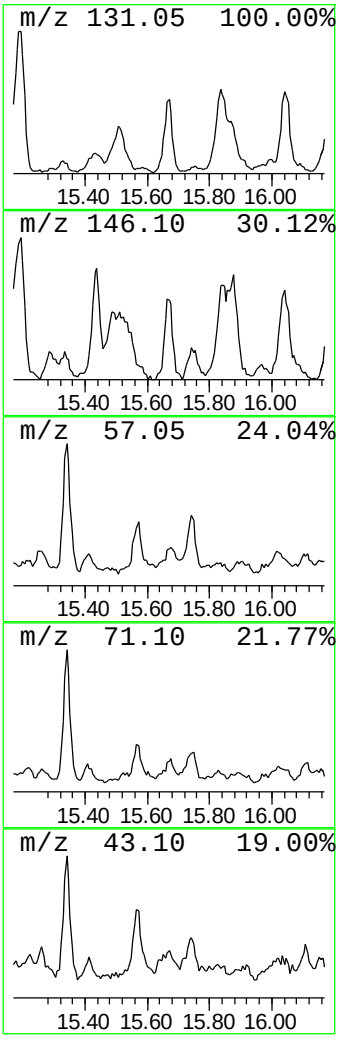
****

Peak Number 6 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.67	7.54 ug/l	150702	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	95
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	94
3	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	89
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	81
5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	81





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091218\
Data File : VW005338.D
Acq On : 12 Sep 2018 20:39
Operator : SY/AP
Sample : J4883-01
Misc : 5.02G/5ML/MSVOA_W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : 292

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
Quant Title : SW846 8260

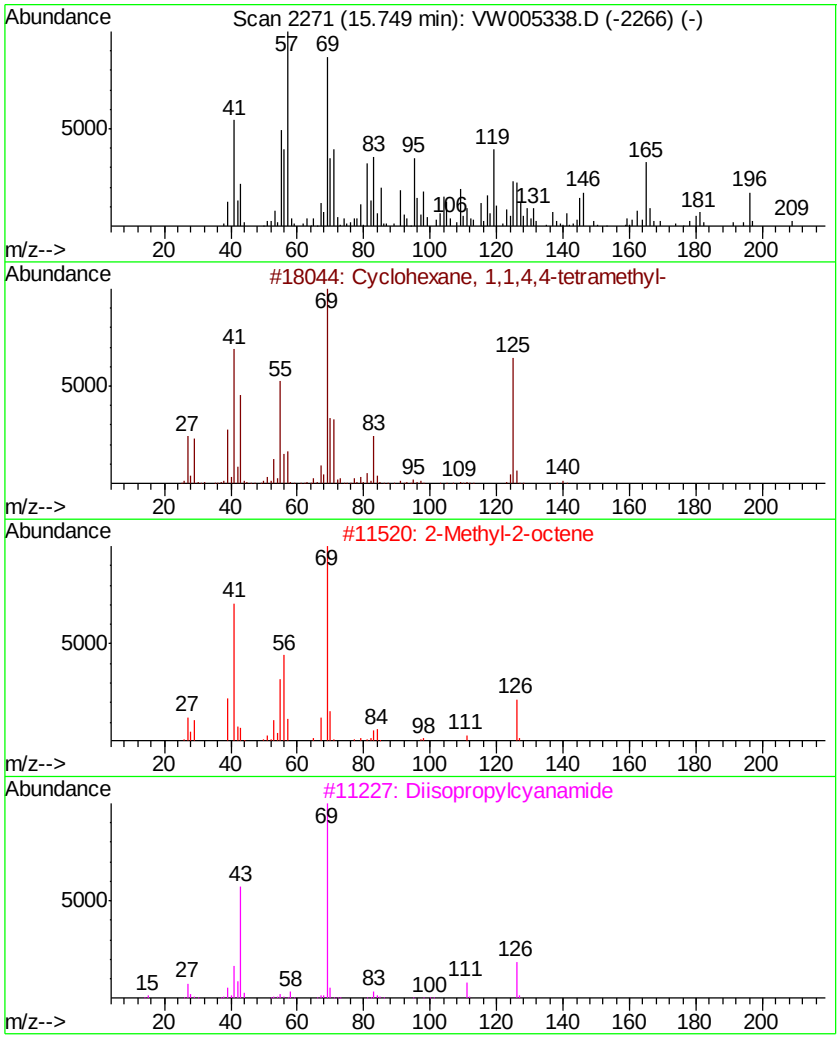
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

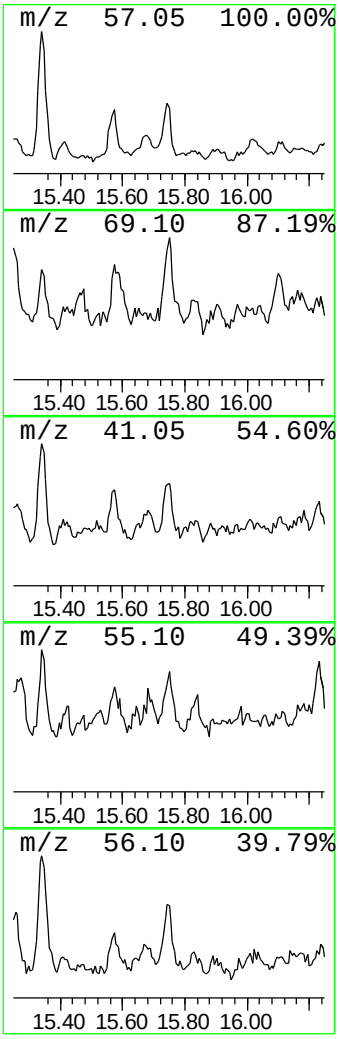
****

Peak Number 7 unknown15.75 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.75	5.21 ug/l	104198	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,4,4-tetramethyl-	140	C10H20	002223-52-1	27
2	2-Methyl-2-octene	126	C9H18	016993-86-5	25
3	Diisopropylcyanamide	126	C7H14N2	003085-76-5	25
4	4-Methyl-1,5-Heptadiene	110	C8H14	000998-94-7	22
5	cis-2,6-Dimethyl-2,6-octadiene	138	C10H18	002492-22-0	22





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091218\
Data File : VW005338.D
Acq On : 12 Sep 2018 20:39
Operator : SY/AP
Sample : J4883-01
Misc : 5.02G/5ML/MSVOA_W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : 292

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
Quant Title : SW846 8260

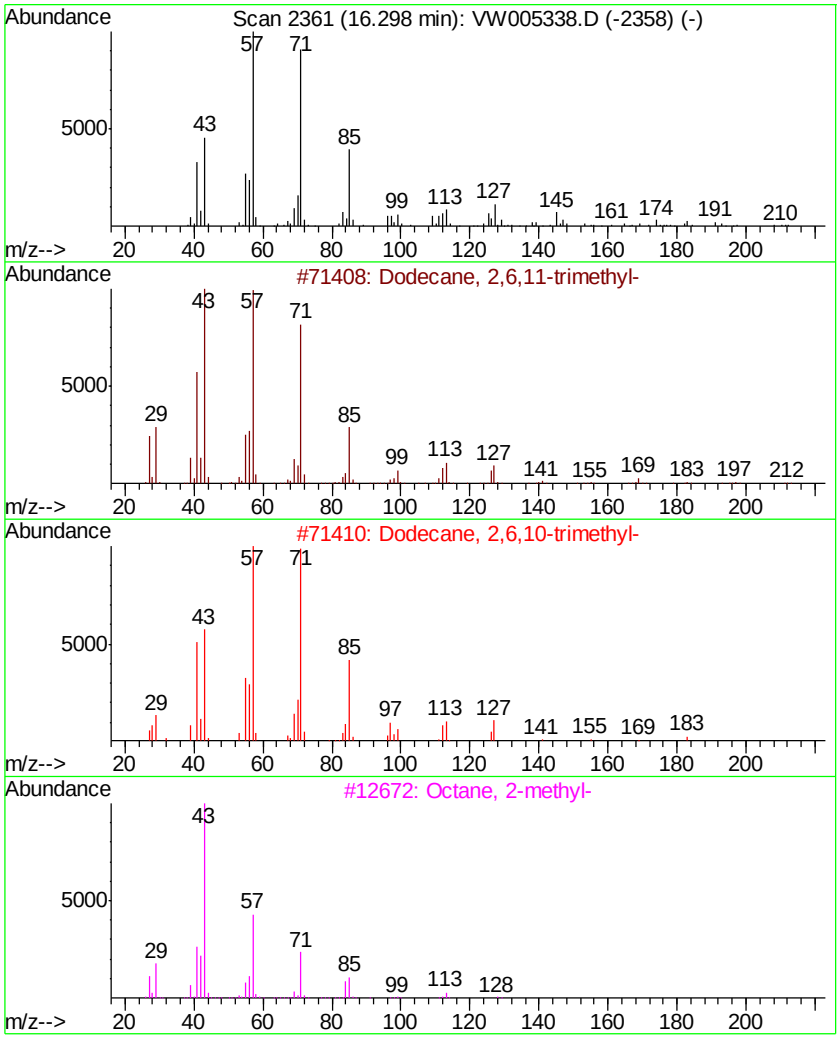
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

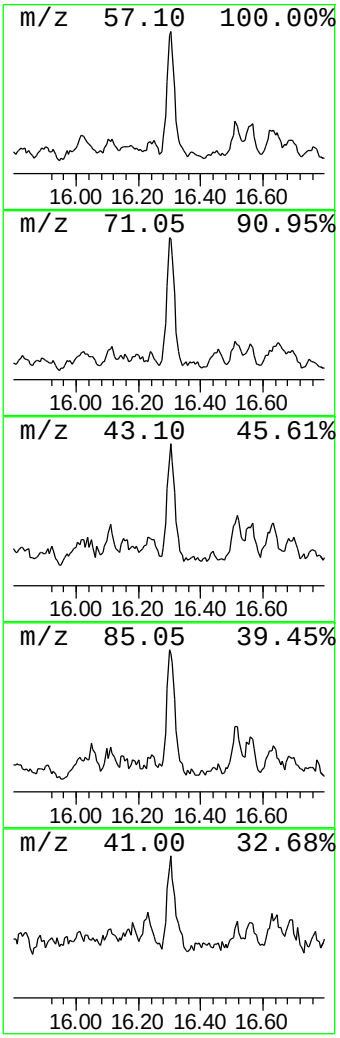
****

Peak Number 8 Dodecane, 2,6,11-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.30	5.99 ug/l	119825	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	91
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	91
3	Octane, 2-methyl-	128	C9H20	003221-61-2	76
4	Sulfurous acid, pentadecyl pentyl...	362	C20H42O3S	1000309-14-8	68
5	Sulfurous acid, pentyl tetradecyl...	348	C19H40O3S	1000309-14-7	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091218\
Data File : VW005338.D
Acq On : 12 Sep 2018 20:39
Operator : SY/AP
Sample : J4883-01
Misc : 5.02G/5ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : 292

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
Quant Title : SW846 8260

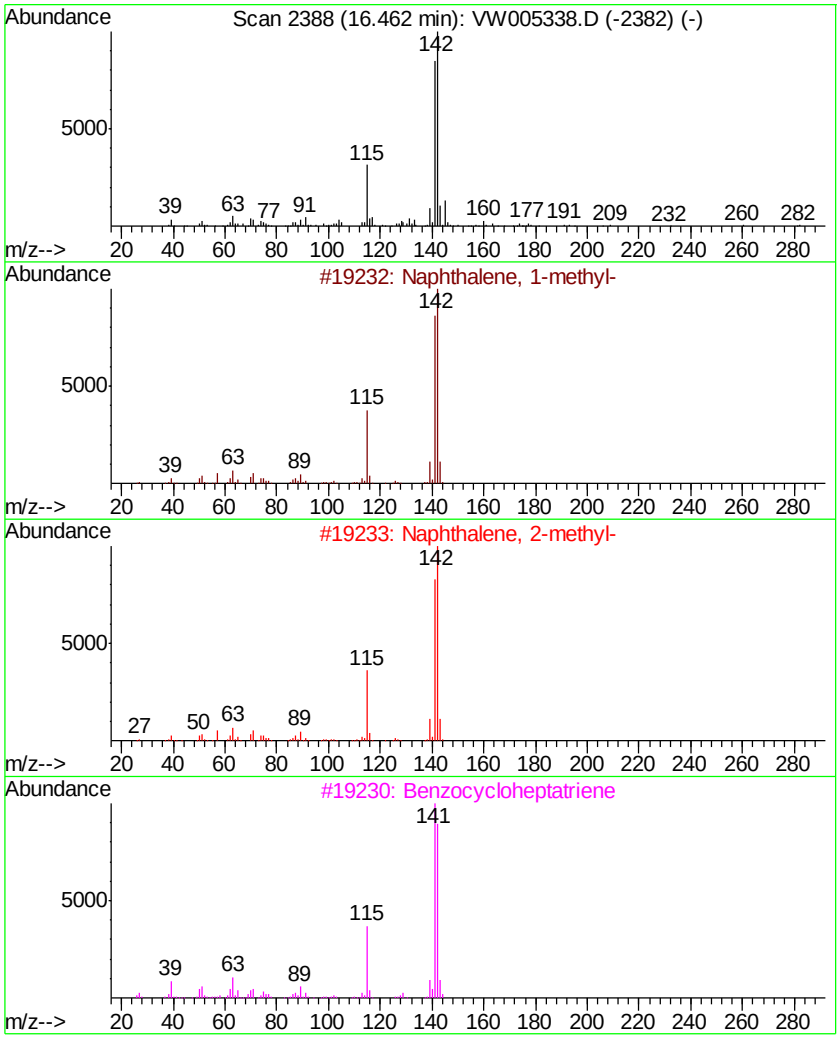
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

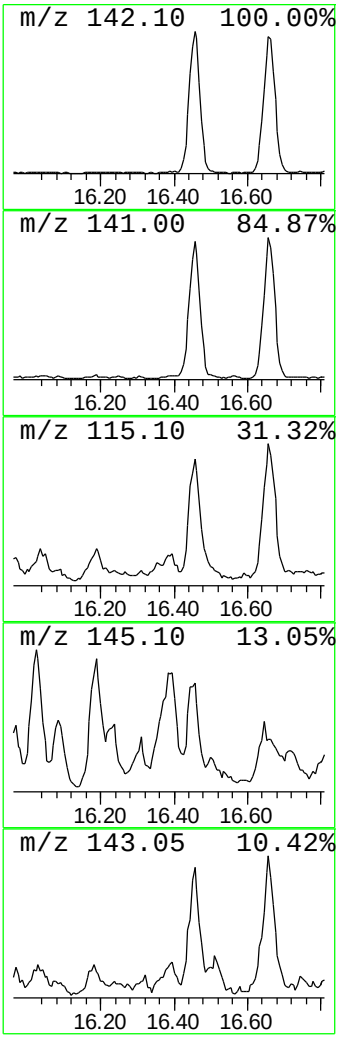
****

Peak Number 9 Naphthalene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.46	7.90 ug/l	157965	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Benzocycloheptatriene	142	C11H10	000264-09-5	90
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	80
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091218\
Data File : VW005338.D
Acq On : 12 Sep 2018 20:39
Operator : SY/AP
Sample : J4883-01
Misc : 5.02G/5ML/MSVOA_W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : 292

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.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...	13.88	7.3	ug/l	146175	4	13.57	999906	50.0
Pulegone	14.40	5.4	ug/l	108228	4	13.57	999906	50.0
unknown14.81	14.81	10.8	ug/l	215575	4	13.57	999906	50.0
Undecane, 2,6-dim...	14.85	8.0	ug/l	159849	4	13.57	999906	50.0
1H-Indene, 2,3-di...	15.19	6.1	ug/l	122861	4	13.57	999906	50.0
1H-Indene, 2,3-di...	15.67	7.5	ug/l	150702	4	13.57	999906	50.0
unknown15.75	15.75	5.2	ug/l	104198	4	13.57	999906	50.0
Dodecane, 2,6,11-...	16.30	6.0	ug/l	119825	4	13.57	999906	50.0
Naphthalene, 1-me...	16.46	7.9	ug/l	157965	4	13.57	999906	50.0