LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050322\
Data File : VD072767.D
Acq On : 03 May 2022 14:29
Operator : VA/SY
Sample : N2606-01
Misc : 7.22G/5.00ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WC-3

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_D\Method\82D050222S.M
Title : SW846 8260

Signal : TIC: VD072767.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.909	1008	1018	1023	rBV2	294819	689532	3.01%	0.279%
2	7.973	1023	1029	1038	rVB	417191	940470	4.10%	0.380%
3	8.326	1076	1089	1100	rBV	261845	619359	2.70%	0.250%
4	8.861	1171	1180	1188	rBV	704951	1417822	6.19%	0.573%
5	10.332	1422	1430	1446	rBV	1297905	2391749	10.44%	0.967%
6	10.944	1524	1534	1540	rBV	282537	481648	2.10%	0.195%
7	11.044	1545	1551	1559	rBV	175191	376393	1.64%	0.152%
8	11.185	1568	1575	1579	rVV	344300	586996	2.56%	0.237%
9	11.238	1579	1584	1589	rVB	614583	1066702	4.65%	0.431%
10	11.344	1597	1602	1606	rBV3	202237	364753	1.59%	0.147%
11	11.385	1606	1609	1614	rVV	145901	230933	1.01%	0.093%
12	11.444	1614	1619	1627	rVB	356540	639370	2.79%	0.258%
13	11.638	1645	1652	1662	rBV	1038182	1905367	8.31%	0.770%
14	11.773	1670	1675	1678	rBV2	204065	328662	1.43%	0.133%
15	11.814	1678	1682	1688	rVV3	376062	775817	3.38%	0.314%
16	11.879	1688	1693	1697	rVV	890549	1641798	7.16%	0.664%
17	11.920	1697	1700	1706	rVB2	638221	1081507	4.72%	0.437%
18	11.979	1706	1710	1717	rBV3	173903	465126	2.03%	0.188%
19	12.144	1730	1738	1744	rBV4	1172704	2908966	12.69%	1.176%
20	12.261	1750	1758	1762	rVB	1494654	2681065	11.70%	1.084%
21	12.344	1762	1772	1775	rBV4	1801196	4519252	19.72%	1.827%
22	12.508	1796	1800	1808	rVB5	840155	1864026	8.13%	0.754%
23	12.620	1814	1819	1825	rVB3	1793197	3041075	13.27%	1.229%
24	12.708	1825	1834	1838	rBV5	1077212	2830926	12.35%	1.144%
25	12.785	1842	1847	1854	rVB	3070136	5675514	24.76%	2.294%
26	12.861	1854	1860	1865	rBV6	1398370	3367887	14.69%	1.361%
27	12.944	1865	1874	1880	rBV4	3561613	9759777	42.58%	3.945%
28	12.997	1880	1883	1889	rVB3	2222865	3426388	14.95%	1.385%
29	13.049	1889	1892	1893	rBV	331731	357545	1.56%	0.145%
30	13.085	1894	1898	1902	rBV2	1720447	2466371	10.76%	0.997%
31	13.126	1902	1905	1910	rBV2	894191	1751602	7.64%	0.708%
32	13.185	1911	1915	1926	rVB7	1337807	4024713	17.56%	1.627%
33	13.273	1926	1930	1931	rBV2	884644	1198221	5.23%	0.484%
34	13.302	1931	1935	1939	rBV	1375337	1767963	7.71%	0.715%
35	13.349	1939	1943	1947	rBV2	1413414	2231501	9.74%	0.902%
36	13.455	1953	1961	1965	rBV3	5782079	11856099	51.73%	4.793%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050322\
Data File : VD072767.D
Acq On : 03 May 2022 14:29
Operator : VA/SY
Sample : N2606-01
Misc : 7.22G/5.00ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WC-3

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_D\Method\82D050222S.M
Title : SW846 8260

37	13.702	1998	2003	2017	rVB6	2589334	7512413	32.78%	3.037%
38	13.885	2017	2034	2038	rBV2	10057852	22381936	97.65%	9.048%
39	13.926	2038	2041	2046	rVV2	3819200	7509530	32.76%	3.036%
40	13.985	2047	2051	2060	rVV6	4396015	12367160	53.96%	4.999%
41	14.067	2060	2065	2067	rVV3	3650928	7413770	32.35%	2.997%
42	14.102	2068	2071	2079	rVB	5198346	9820651	42.85%	3.970%
43	14.202	2084	2088	2094	rVV7	2432481	4486947	19.58%	1.814%
44	14.273	2096	2100	2106	rVV4	2692592	4726017	20.62%	1.911%
45	14.326	2106	2109	2114	rVV4	1602286	2416765	10.54%	0.977%
46	14.396	2114	2121	2135	rVB4	9651527	22920169	100.00%	9.266%
47	14.502	2136	2139	2143	rBV3	1463808	2124549	9.27%	0.859%
48	14.555	2143	2148	2154	rVV5	5221961	9292100	40.54%	3.756%
49	14.608	2154	2157	2165	rVB3	1435055	3367064	14.69%	1.361%
50	14.749	2177	2181	2184	rBV3	1802160	2784794	12.15%	1.126%
51	14.802	2185	2190	2196	rVV3	6073913	11991625	52.32%	4.848%
52	14.867	2196	2201	2207	rVB4	3687078	6641936	28.98%	2.685%
53	14.943	2210	2214	2217	rBV3	871800	1470566	6.42%	0.594%
54	15.079	2234	2237	2241	rVB4	2162928	3120130	13.61%	1.261%
55	15.138	2241	2247	2250	rBV3	1104633	2416275	10.54%	0.977%
56	15.185	2251	2255	2261	rVB5	1589152	3334509	14.55%	1.348%
57	15.349	2278	2283	2289	rVB3	3675264	6400421	27.92%	2.587%
58	15.432	2290	2297	2301	rBV6	1469786	4019495	17.54%	1.625%
59	15.761	2348	2353	2359	rVB5	1051426	2032908	8.87%	0.822%
60	15.891	2372	2375	2380	rVB4	669818	926737	4.04%	0.375%
61	16.202	2424	2428	2434	rVB4	693136	1336845	5.83%	0.540%
62	16.326	2445	2449	2455	rVB2	557681	1021687	4.46%	0.413%
63	16.667	2501	2507	2523	rVB2	447696	1798856	7.85%	0.727%

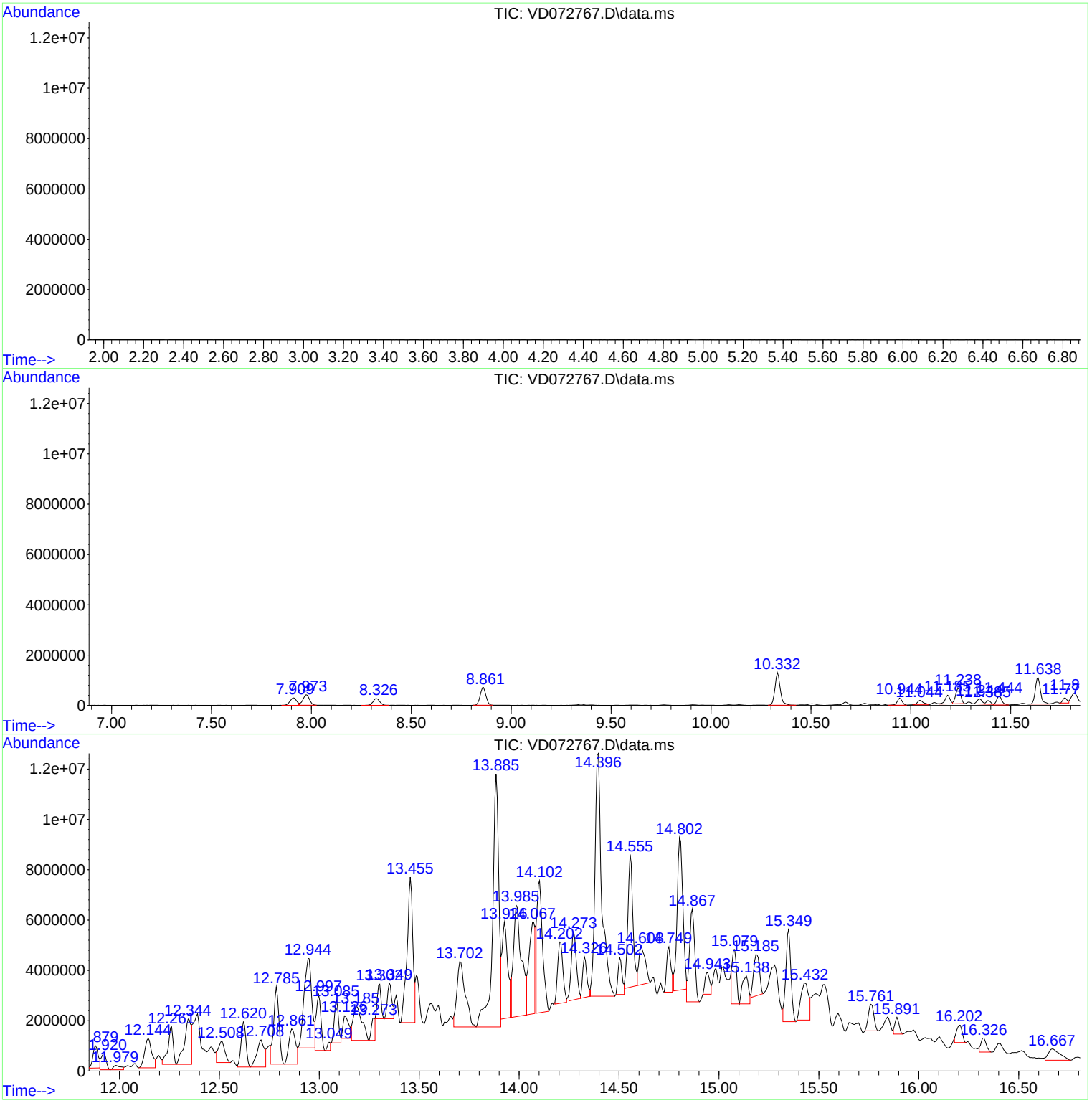
Sum of corrected areas: 247368750

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050322\
Data File : VD072767.D
Acq On : 03 May 2022 14:29
Operator : VA/SY
Sample : N2606-01
Misc : 7.22G/5.00ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WC-3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050322\
Data File : VD072767.D
Acq On : 03 May 2022 14:29
Operator : VA/SY
Sample : N2606-01
Misc : 7.22G/5.00ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WC-3

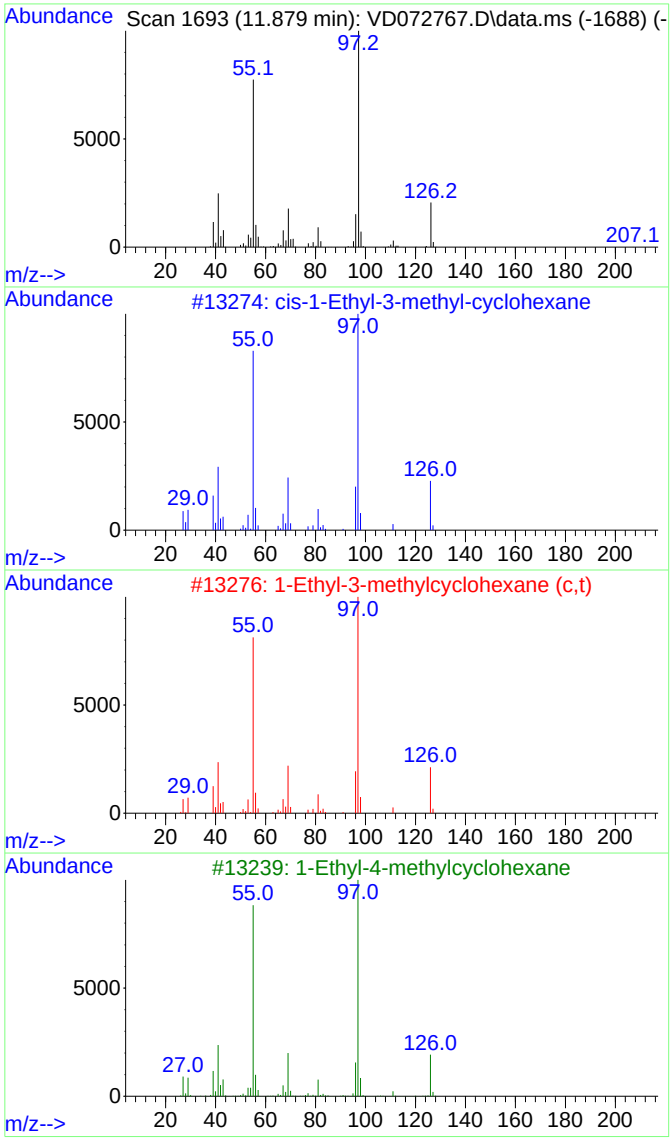
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
Quant Title : SW846 8260

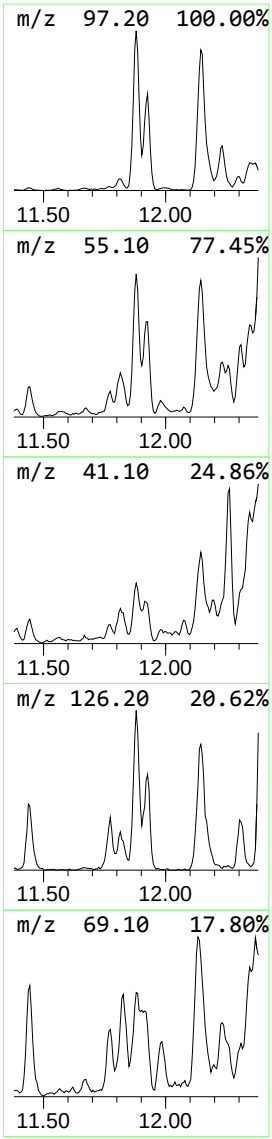
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 cis-1-Ethyl-3-methyl-cycloh... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.879	43.08 ug/l	1641800	Chlorobenzene-d5	11.638

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	95
2	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	94
3	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	94
4	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	91
5	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050322\
Data File : VD072767.D
Acq On : 03 May 2022 14:29
Operator : VA/SY
Sample : N2606-01
Misc : 7.22G/5.00ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WC-3

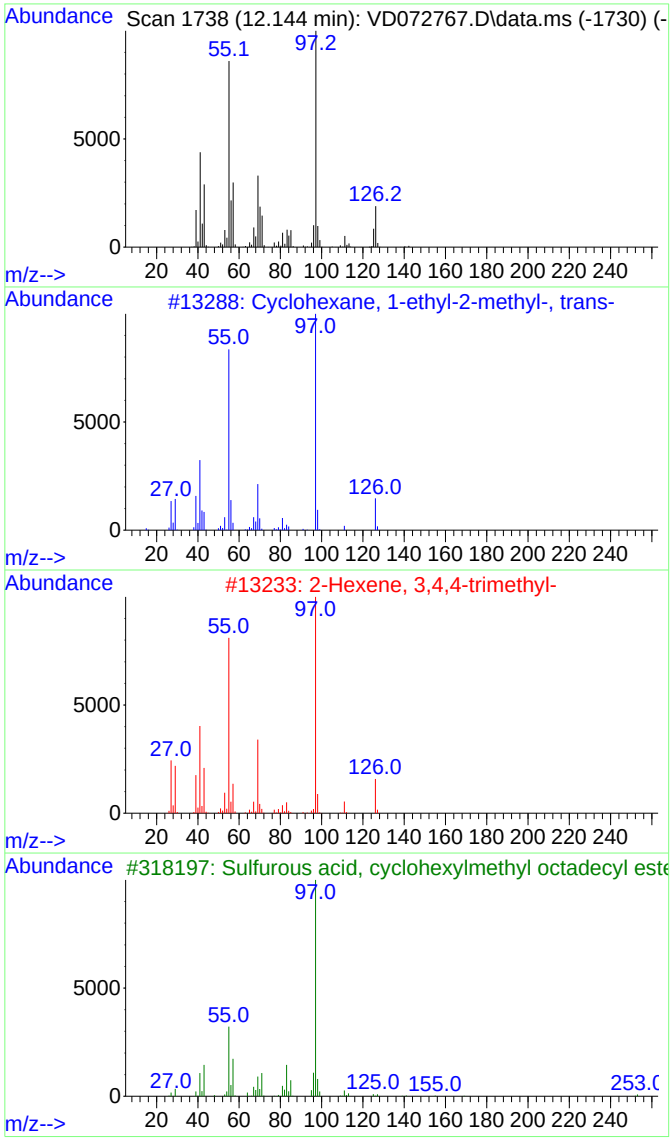
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
Quant Title : SW846 8260

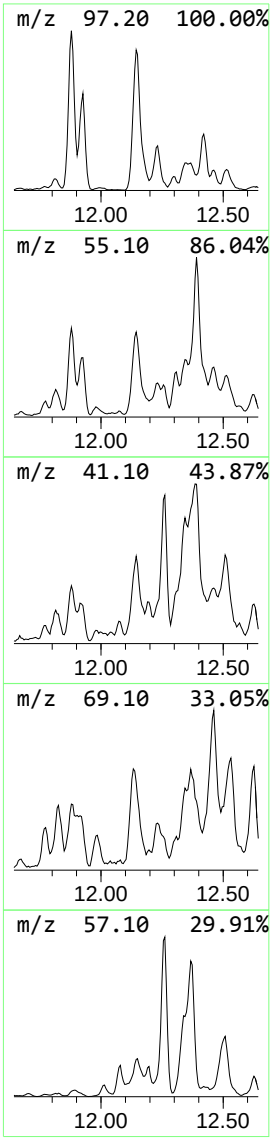
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Cyclohexane, 1-ethyl-2-meth... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.144	76.34 ug/l	2908970	Chlorobenzene-d5	11.638

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	74
2	2-Hexene, 3,4,4-trimethyl-	126	C9H18	053941-19-8	68
3	Sulfurous acid, cyclohexylmethyl...	430	C25H50O3S	1000309-22-6	64
4	3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	64
5	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050322\
Data File : VD072767.D
Acq On : 03 May 2022 14:29
Operator : VA/SY
Sample : N2606-01
Misc : 7.22G/5.00ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WC-3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
Quant Title : SW846 8260

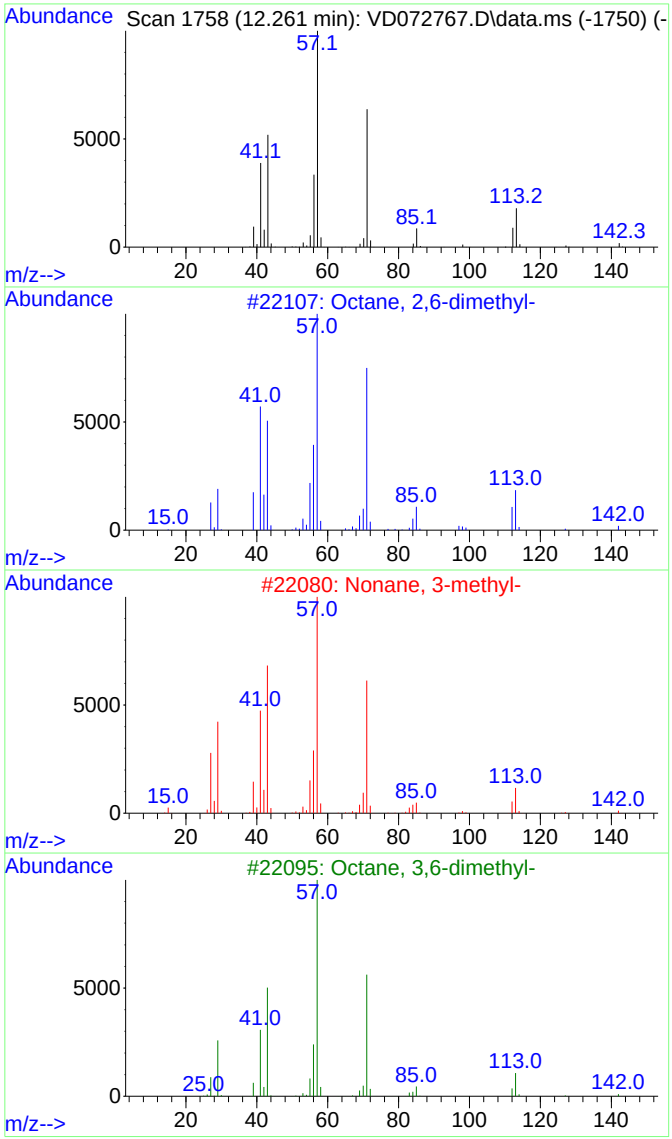
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

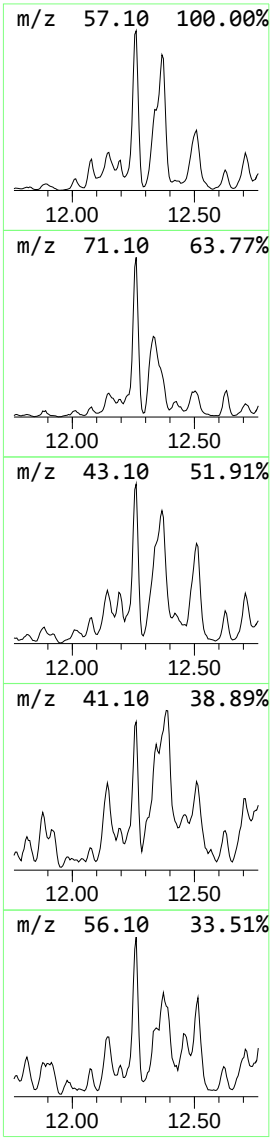
****

Peak Number 3 Octane, 2,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.261	70.36 ug/l	2681070	Chlorobenzene-d5	11.638

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	91
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	86
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	86
4	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	59
5	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050322\
Data File : VD072767.D
Acq On : 03 May 2022 14:29
Operator : VA/SY
Sample : N2606-01
Misc : 7.22G/5.00ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WC-3

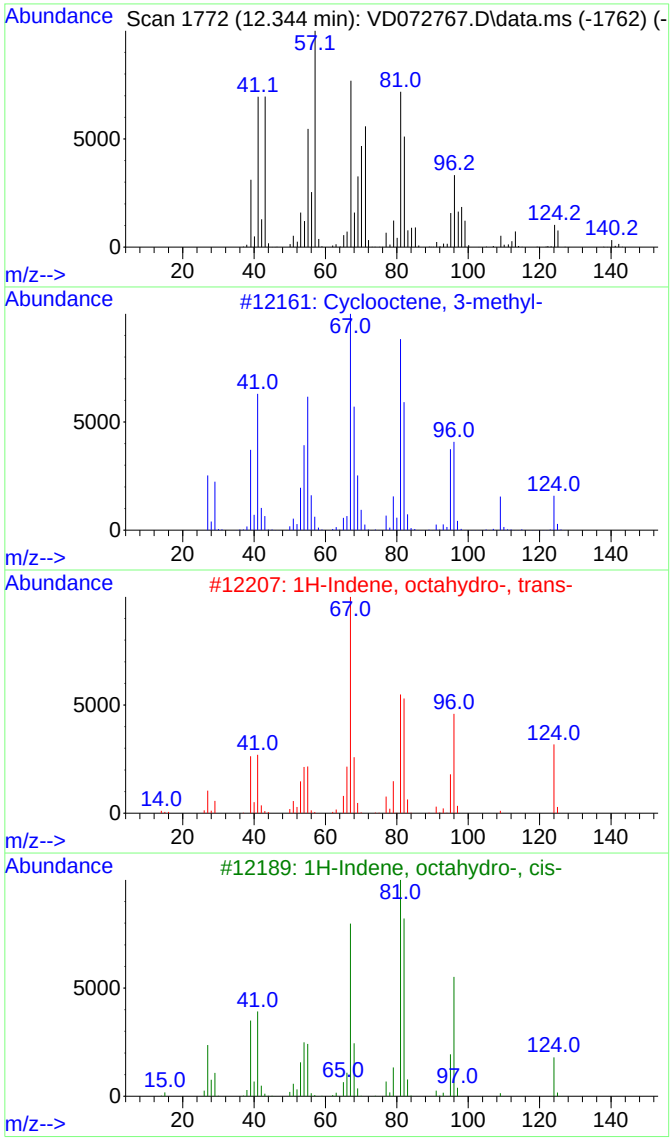
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
Quant Title : SW846 8260

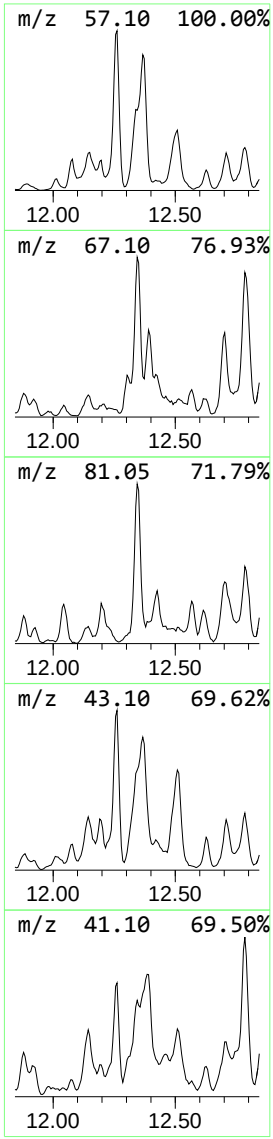
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Cyclooctene, 3-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.344	118.59 ug/l	4519250	Chlorobenzene-d5	11.638

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctene, 3-methyl-	124	C9H16	013152-05-1	55
2	1H-Indene, octahydro-, trans-	124	C9H16	003296-50-2	49
3	1H-Indene, octahydro-, cis-	124	C9H16	004551-51-3	41
4	3-Hexyne	82	C6H10	000928-49-4	38
5	3-Hexen-1-ol, propanoate, (Z)-	156	C9H16O2	033467-74-2	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050322\
Data File : VD072767.D
Acq On : 03 May 2022 14:29
Operator : VA/SY
Sample : N2606-01
Misc : 7.22G/5.00ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WC-3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
Quant Title : SW846 8260

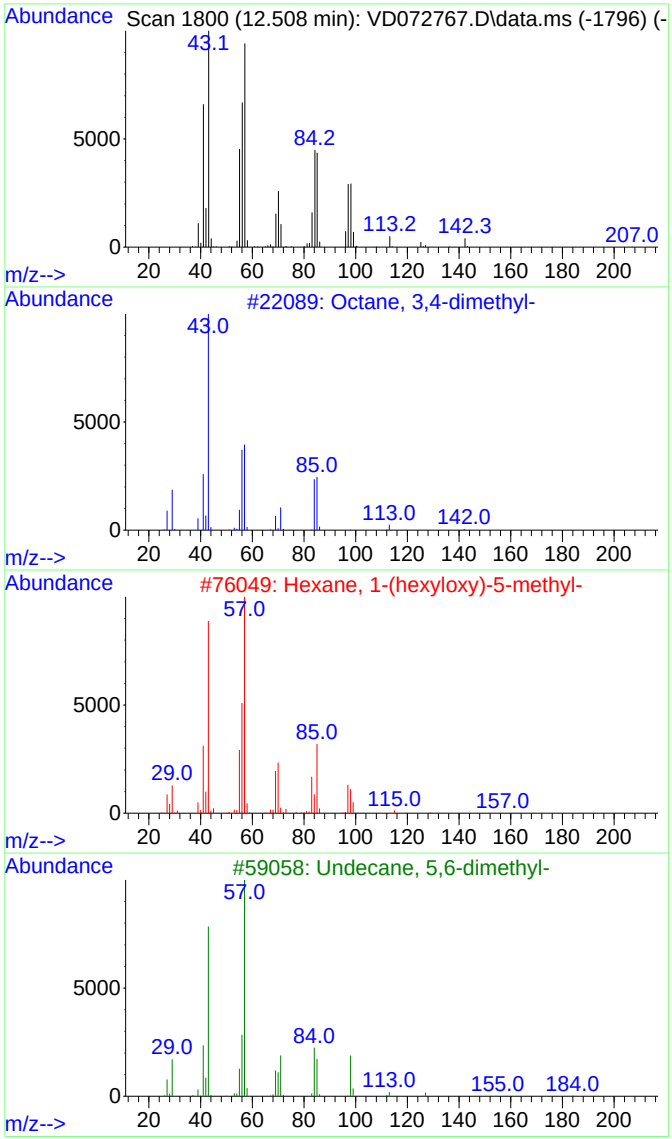
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

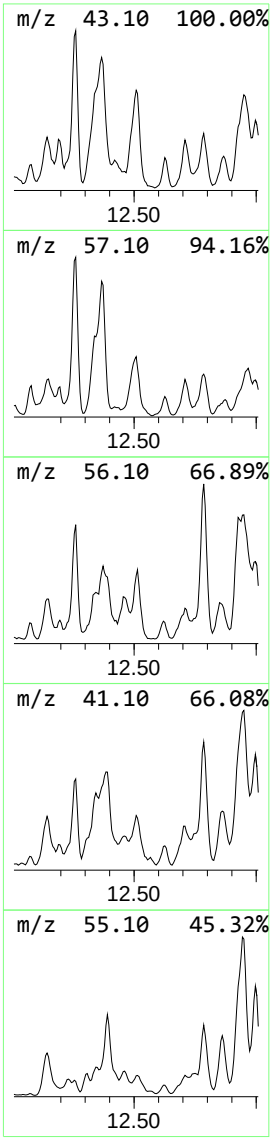
****

Peak Number 5 Octane, 3,4-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.508	48.92 ug/l	1864030	Chlorobenzene-d5	11.638

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,4-dimethyl-	142	C10H22	015869-92-8	50
2	Hexane, 1-(hexyloxy)-5-methyl-	200	C13H28O	074421-19-5	47
3	Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	43
4	Pentanoic acid, decyl ester	242	C15H30O2	005454-12-6	43
5	Cyclooctane, 1,5-dimethyl-	140	C10H20	021328-57-4	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050322\
Data File : VD072767.D
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Operator : VA/SY
Sample : N2606-01
Misc : 7.22G/5.00ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WC-3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
Quant Title : SW846 8260

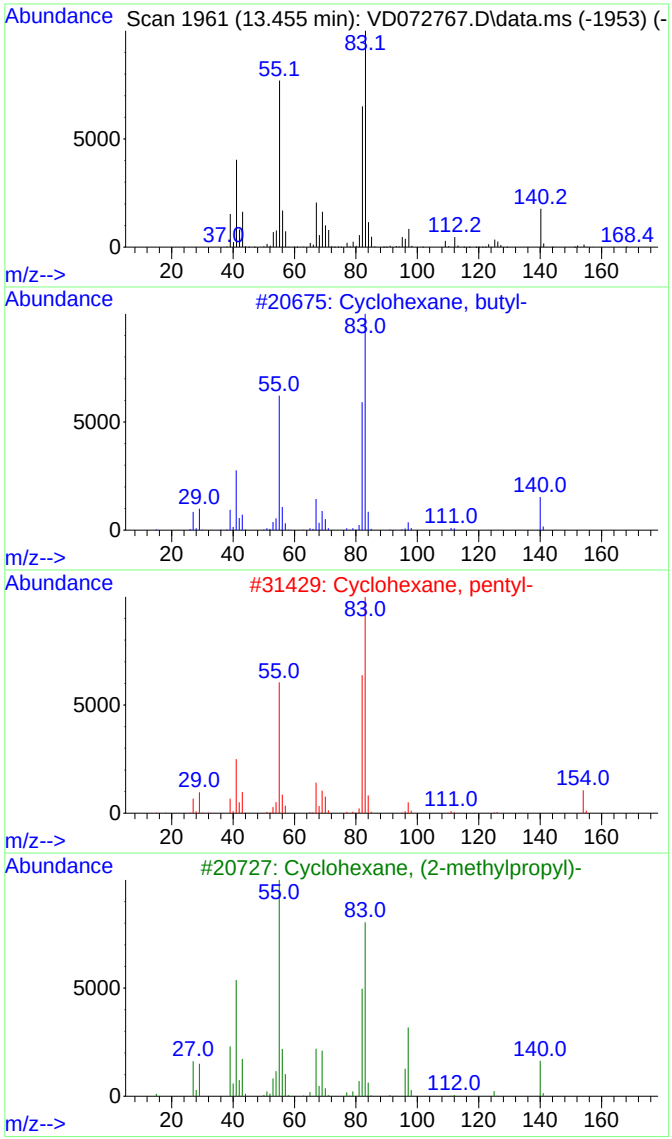
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

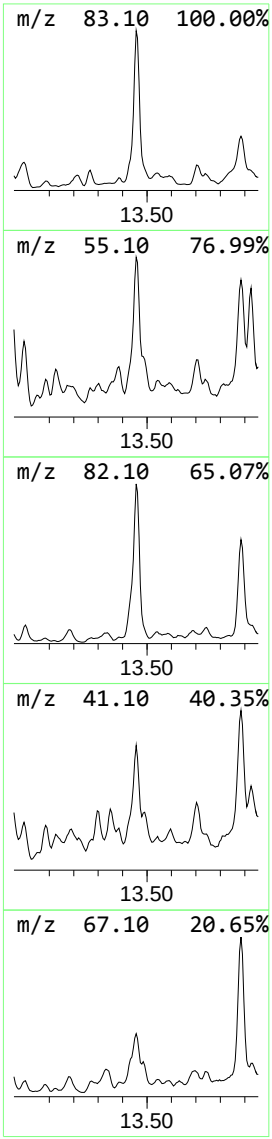
****

Peak Number 6 Cyclohexane, butyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.455	50.00 ug/l	11856100	1,4-Dichlorobenzene-d4	13.561

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	90
2	Cyclohexane, pentyl-	154	C11H22	004292-92-6	87
3	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	86
4	Cyclohexane, octyl-	196	C14H28	001795-15-9	86
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050322\
Data File : VD072767.D
Acq On : 03 May 2022 14:29
Operator : VA/SY
Sample : N2606-01
Misc : 7.22G/5.00ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WC-3

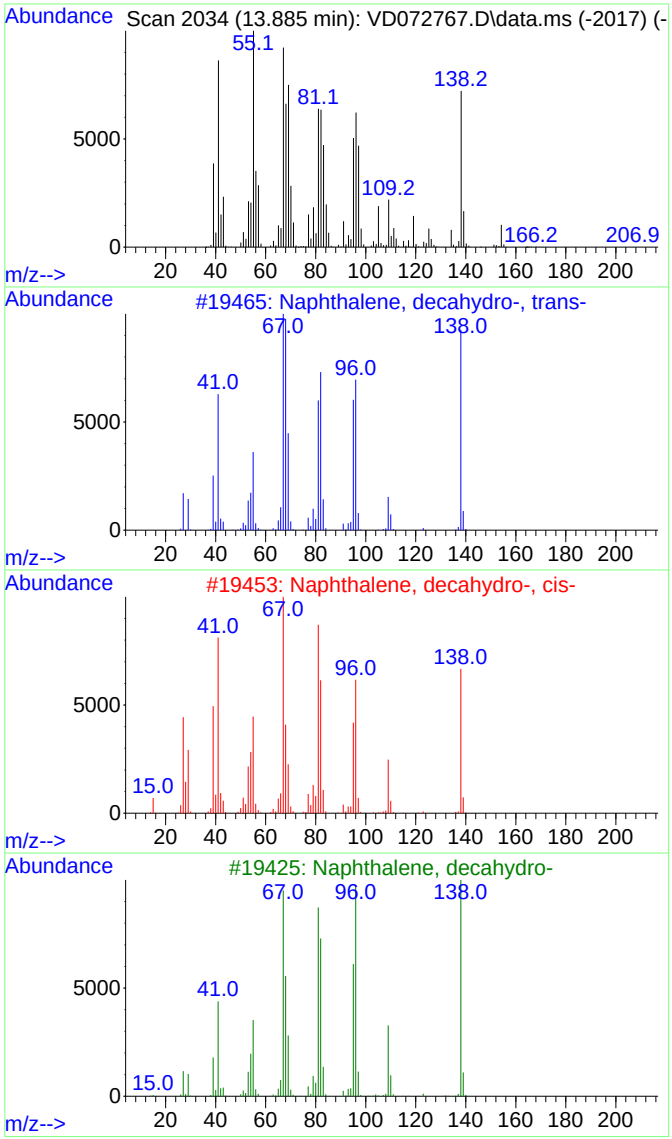
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
Quant Title : SW846 8260

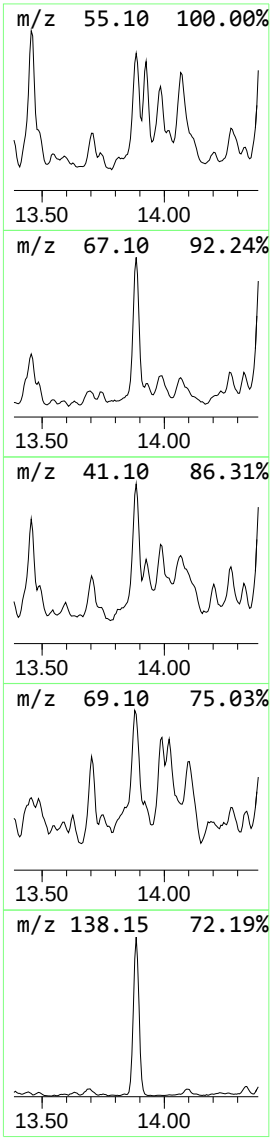
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Naphthalene, decahydro-, tr... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.885	94.39 ug/l	22381900	1,4-Dichlorobenzene-d4	13.561

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	91
2	Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	91
3	Naphthalene, decahydro-	138	C10H18	000091-17-8	90
4	9-Borabicyclo[3.3.1]nonane, 9-hy...	138	C8H15BO	063366-65-4	83
5	cis-3-Nonen-1-ol, pentafluoropro...	288	C12H17F5O2	1000352-76-6	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050322\
Data File : VD072767.D
Acq On : 03 May 2022 14:29
Operator : VA/SY
Sample : N2606-01
Misc : 7.22G/5.00ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WC-3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
Quant Title : SW846 8260

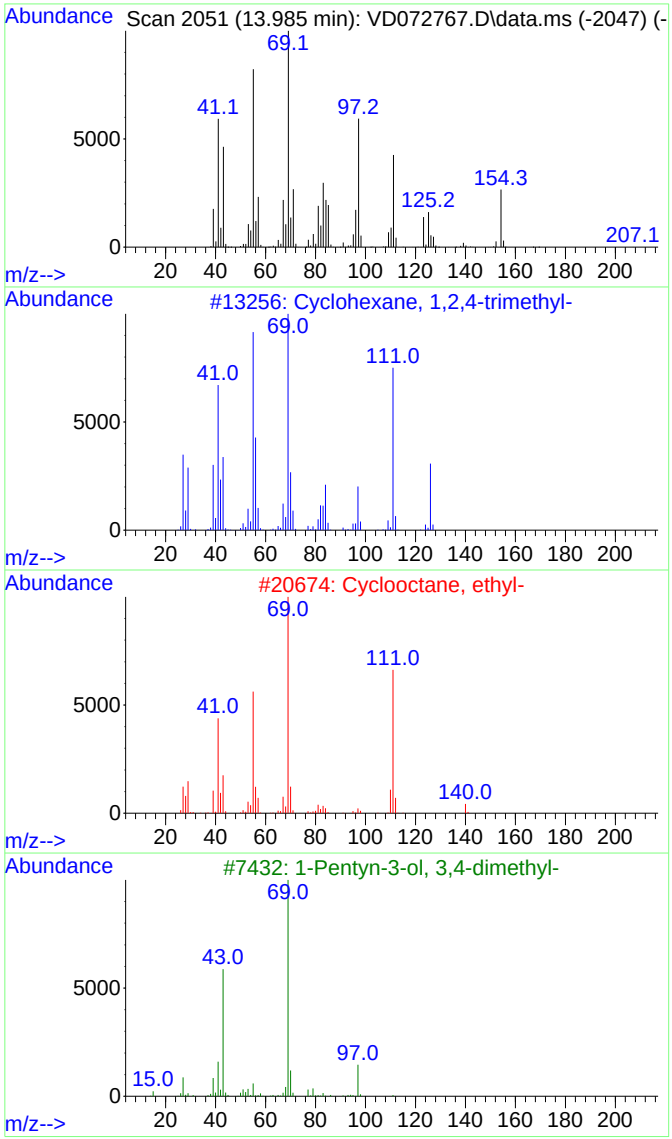
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

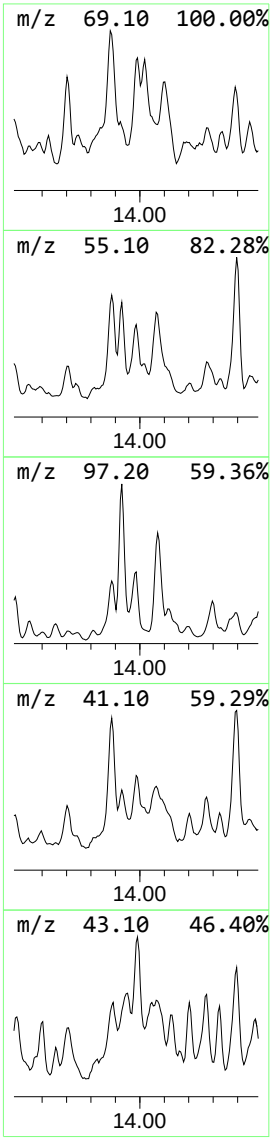
****

Peak Number 8 unknown13.985 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.985	52.16 ug/l	12367200	1,4-Dichlorobenzene-d4	13.561

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	49
2	Cyclooctane, ethyl-	140	C10H20	013152-02-8	43
3	1-Pentyn-3-ol, 3,4-dimethyl-	112	C7H12O	001482-15-1	35
4	1-Butene, 3,3-dimethyl-	84	C6H12	000558-37-2	30
5	2-Pentene, 4-methyl-, (E)-	84	C6H12	000674-76-0	30





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050322\
Data File : VD072767.D
Acq On : 03 May 2022 14:29
Operator : VA/SY
Sample : N2606-01
Misc : 7.22G/5.00ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WC-3

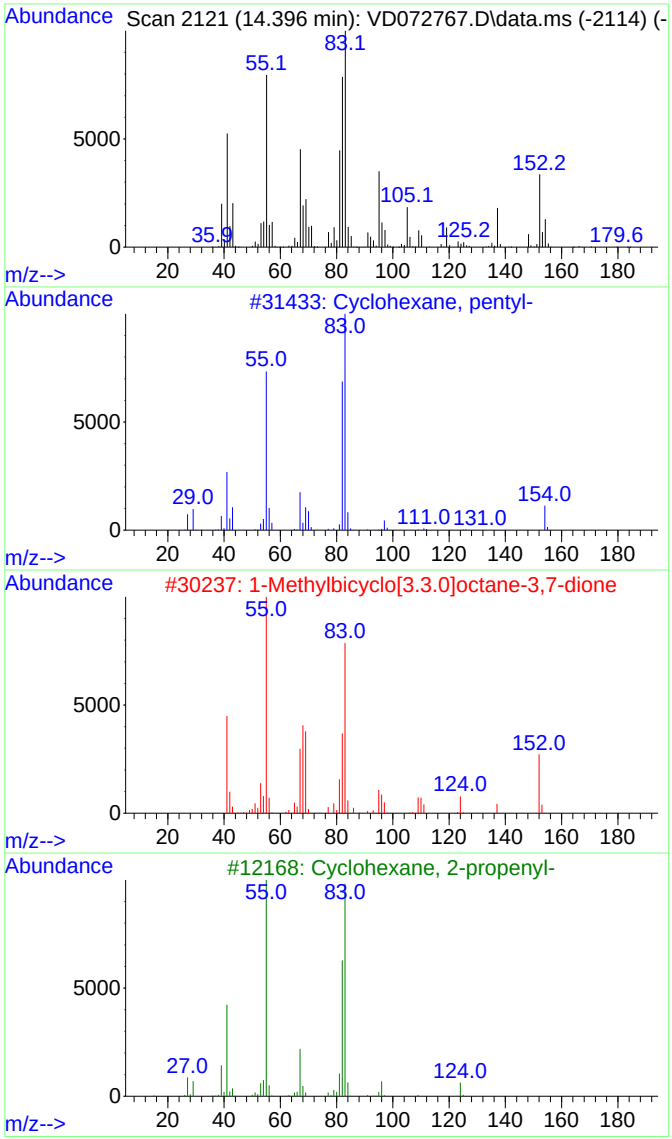
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
Quant Title : SW846 8260

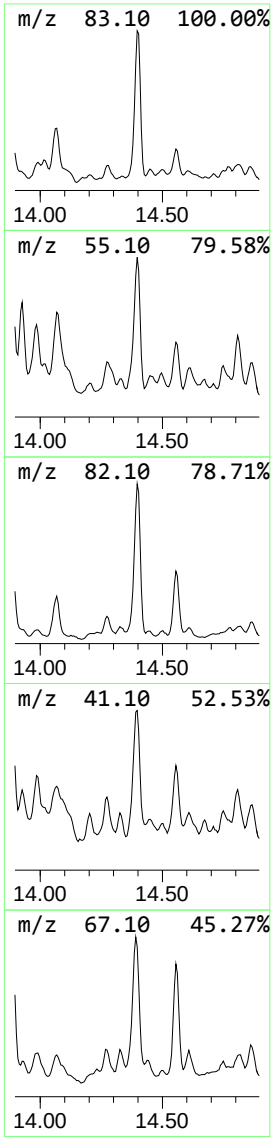
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Cyclohexane, pentyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.397	96.66 ug/l	22920200	1,4-Dichlorobenzene-d4	13.561

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, pentyl-	154	C11H22	004292-92-6	64
2	1-Methylbicyclo[3.3.0]octane-3,7...	152	C9H12O2	021170-08-1	58
3	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	53
4	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	50
5	Cyclohexane, butyl-	140	C10H20	001678-93-9	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050322\
Data File : VD072767.D
Acq On : 03 May 2022 14:29
Operator : VA/SY
Sample : N2606-01
Misc : 7.22G/5.00ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WC-3

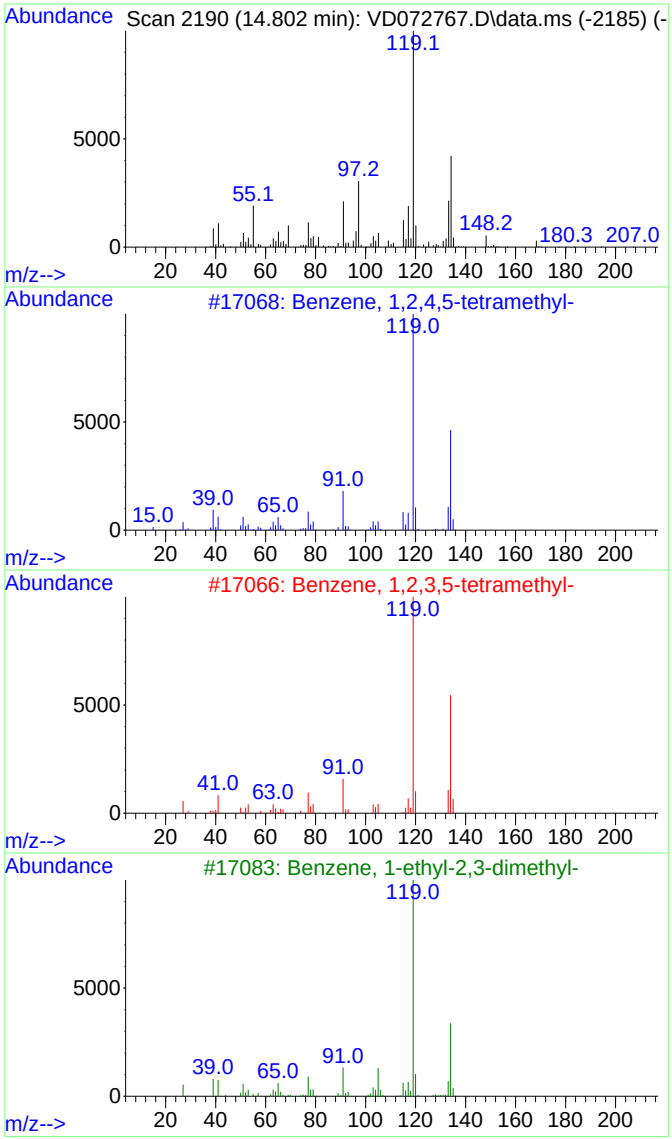
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
Quant Title : SW846 8260

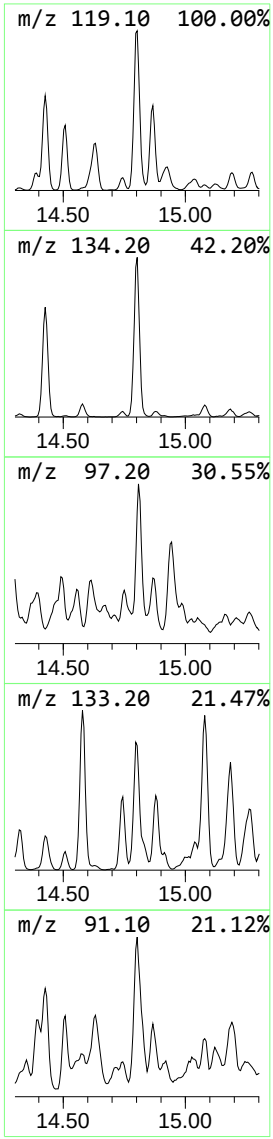
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.802	50.57 ug/l	11991600	1,4-Dichlorobenzene-d4	13.561

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	76
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	76
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	76
5	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050322\
Data File : VD072767.D
Acq On : 03 May 2022 14:29
Operator : VA/SY
Sample : N2606-01
Misc : 7.22G/5.00ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WC-3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
cis-1-Ethyl-3-m...	11.879	43.1	ug/l	1641800	3	11.638	1905370	50.0
Cyclohexane, 1-...	12.144	76.3	ug/l	2908970	3	11.638	1905370	50.0
Octane, 2,6-dim...	12.261	70.4	ug/l	2681070	3	11.638	1905370	50.0
Cyclooctene, 3-...	12.344	118.6	ug/l	4519250	3	11.638	1905370	50.0
Octane, 3,4-dim...	12.508	48.9	ug/l	1864030	3	11.638	1905370	50.0
Cyclohexane, bu...	13.455	50.0	ug/l	11856100	4	13.561	11856100	50.0
Naphthalene, de...	13.885	94.4	ug/l	22381900	4	13.561	11856100	50.0
unknown13.985	13.985	52.2	ug/l	12367200	4	13.561	11856100	50.0
Cyclohexane, pe...	14.397	96.7	ug/l	22920200	4	13.561	11856100	50.0
Benzene, 1,2,4,...	14.802	50.6	ug/l	11991600	4	13.561	11856100	50.0