LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011722\
Data File : VY007184.D
Acq On : 17 Jan 2022 13:58
Operator : SY/MD
Sample : VIBLK
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

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_Y\methods\82Y011322S.M
Title : SW846 8260

Signal : TIC: VY007184.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.716	464	475	484	rBV3	3719	10926	1.46%	0.206%
2	6.978	835	846	860	rBV	6571	22861	3.06%	0.432%
3	7.509	922	933	945	rVB	48564	119764	16.06%	2.262%
4	7.716	955	967	973	rBV	105844	251755	33.75%	4.756%
5	7.789	973	979	990	rVB	169831	383918	51.47%	7.253%
6	8.143	1025	1037	1050	rBV	98059	220038	29.50%	4.157%
7	8.691	1116	1127	1143	rBV	274359	541081	72.54%	10.221%
8	9.496	1254	1259	1268	rVB3	5999	11528	1.55%	0.218%
9	10.179	1363	1371	1385	rBV	427656	745878	100.00%	14.090%
10	10.581	1429	1437	1444	rBV	22371	39857	5.34%	0.753%
11	10.947	1490	1497	1507	rBV2	11649	23707	3.18%	0.448%
12	11.319	1553	1558	1564	rVB	27195	46881	6.29%	0.886%
13	11.496	1579	1587	1595	rBV	401678	667930	89.55%	12.618%
14	11.739	1621	1627	1631	rBV2	7342	12589	1.69%	0.238%
15	11.935	1653	1659	1665	rBV4	5310	9495	1.27%	0.179%
16	12.008	1665	1671	1677	rBV4	13508	31225	4.19%	0.590%
17	12.130	1686	1691	1695	rVB	14244	21089	2.83%	0.398%
18	12.203	1695	1703	1706	rBV6	9497	21247	2.85%	0.401%
19	12.245	1706	1710	1716	rVB3	12520	25336	3.40%	0.479%
20	12.380	1726	1732	1735	rBV5	9955	20573	2.76%	0.389%
21	12.416	1735	1738	1743	rVB	23549	34424	4.62%	0.650%
22	12.489	1743	1750	1757	rBV3	419411	730873	97.99%	13.807%
23	12.575	1757	1764	1768	rBV6	6914	16093	2.16%	0.304%
24	12.648	1773	1776	1783	rVB6	10884	21699	2.91%	0.410%
25	12.733	1783	1790	1794	rBV5	9812	21611	2.90%	0.408%
26	12.812	1795	1803	1808	rBV4	29512	63459	8.51%	1.199%
27	12.867	1808	1812	1817	rVB2	20830	33049	4.43%	0.624%
28	12.959	1822	1827	1830	rBV2	17105	23127	3.10%	0.437%
29	13.008	1830	1835	1838	rBV4	17877	30922	4.15%	0.584%
30	13.044	1838	1841	1847	rVB3	43585	62778	8.42%	1.186%
31	13.105	1847	1851	1857	rVB3	11543	21212	2.84%	0.401%
32	13.178	1858	1863	1868	rBV3	22666	49357	6.62%	0.932%
33	13.325	1879	1887	1891	rVV4	33001	73061	9.80%	1.380%
34	13.367	1891	1894	1898	rVV3	16627	27966	3.75%	0.528%
35	13.428	1898	1904	1919	rVB	388787	622703	83.49%	11.763%
36	13.751	1952	1957	1962	rVV4	24632	45668	6.12%	0.863%

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Instrument :
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VIBLK

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

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Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Title : SW846 8260

37	13.800	1962	1965	1969	rVV3	9980	16913	2.27%	0.319%
38	13.861	1969	1975	1980	rVV6	8807	22352	3.00%	0.422%
39	13.922	1980	1985	1988	rVV4	8431	19202	2.57%	0.363%
40	13.971	1988	1993	1999	rVV2	36392	64484	8.65%	1.218%
41	14.081	2006	2011	2017	rBV5	6514	10246	1.37%	0.194%
42	14.148	2017	2022	2026	rVB6	4634	8124	1.09%	0.153%
43	14.209	2026	2032	2036	rBV6	4307	8990	1.21%	0.170%
44	14.269	2036	2042	2051	rVB10	7196	19140	2.57%	0.362%
45	14.690	2105	2111	2114	rVV4	4753	9185	1.23%	0.174%
46	15.324	2205	2215	2221	rBV4	4538	9276	1.24%	0.175%

Sum of corrected areas: 5293592

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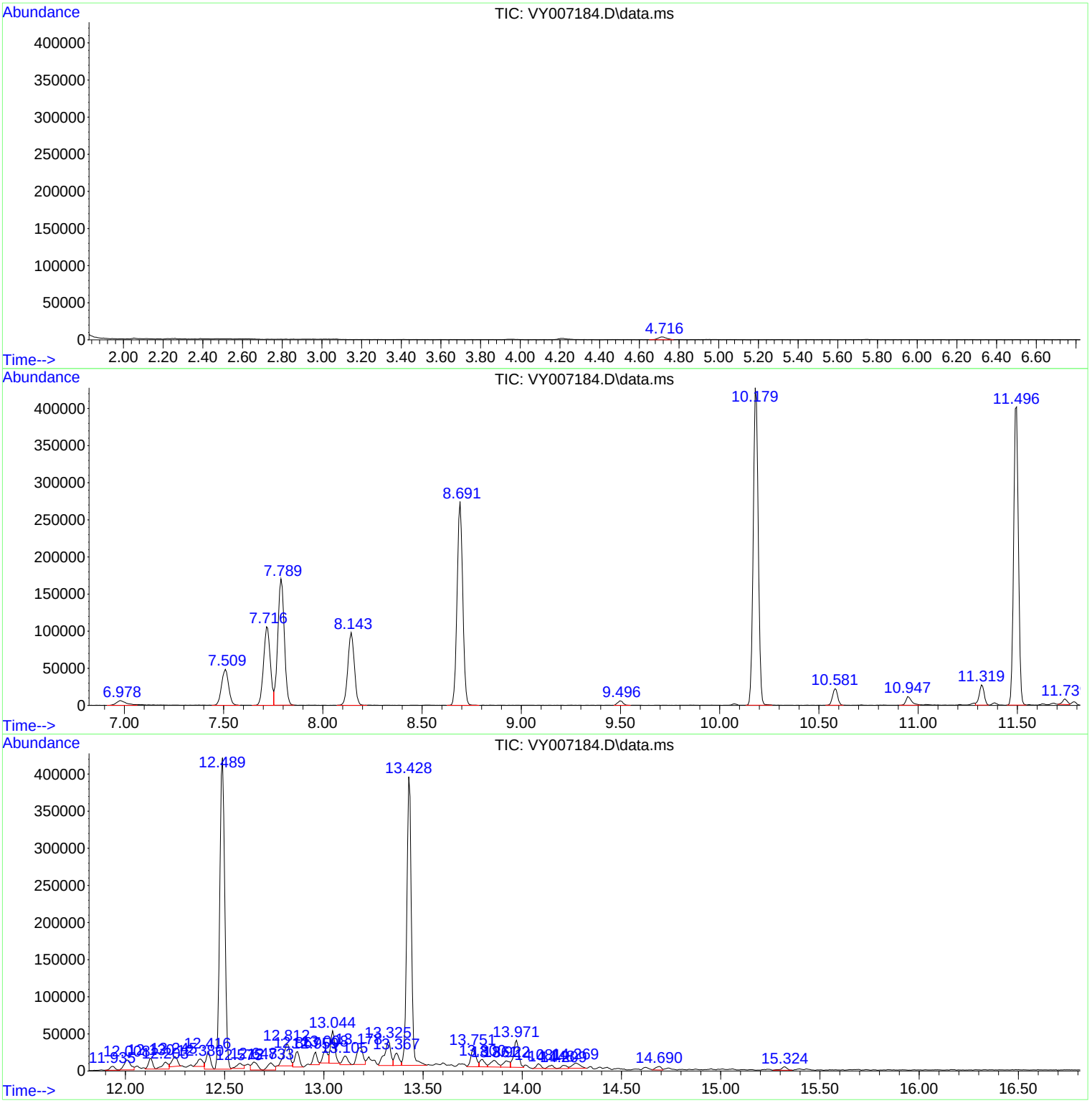
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

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



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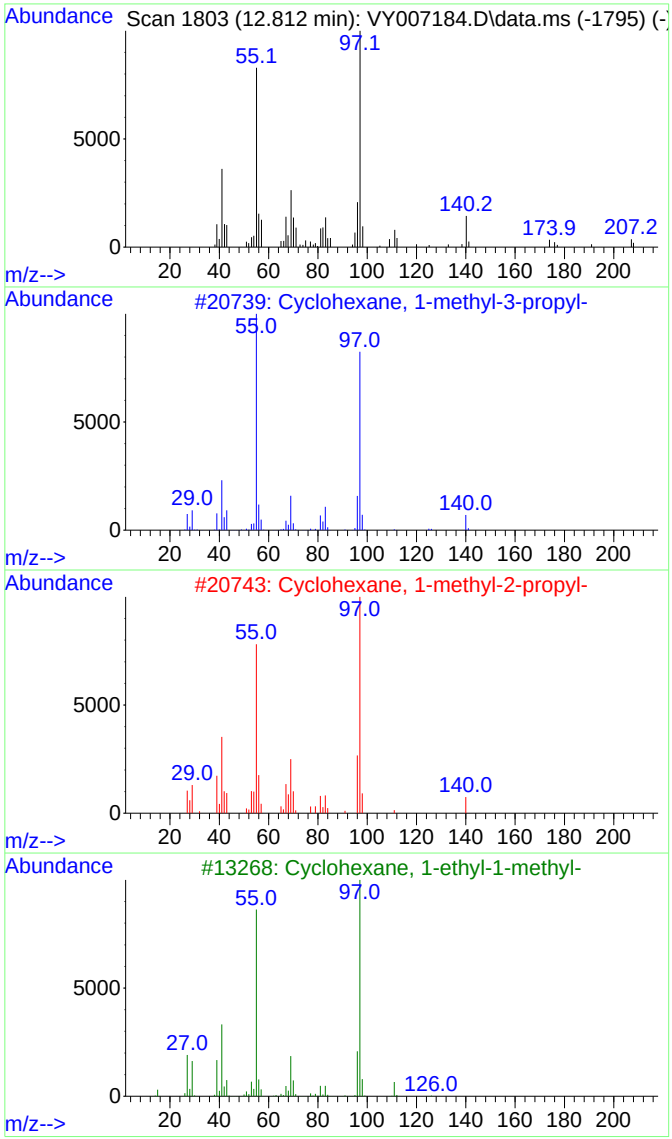
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

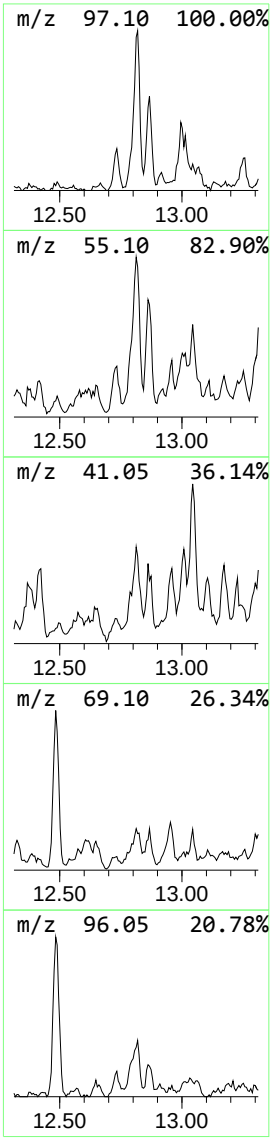
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Cyclohexane, 1-methyl-3-pro... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.812	5.10 ug/l	63459	1,4-Dichlorobenzene-d4	13.434

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	70
2	Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	68
3	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	64
4	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	64
5	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	64





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Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

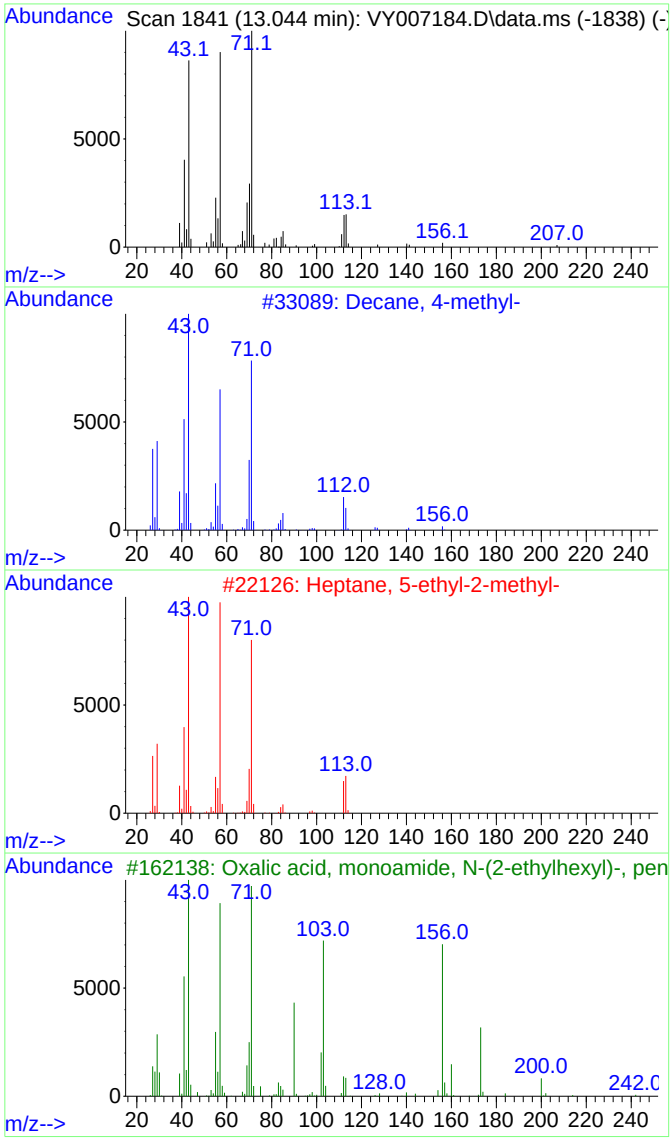
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

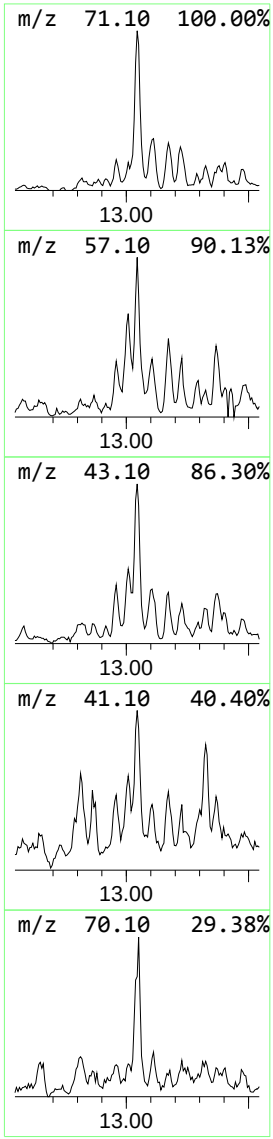
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Decane, 4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.044	5.04 ug/l	62778	1,4-Dichlorobenzene-d4	13.434

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 4-methyl-	156	C11H24	002847-72-5	93
2	Heptane, 5-ethyl-2-methyl-	142	C10H22	013475-78-0	83
3	Oxalic acid, monoamide, N-(2-eth...	271	C15H29NO3	1000309-32-0	78
4	Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	72
5	Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	72





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Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

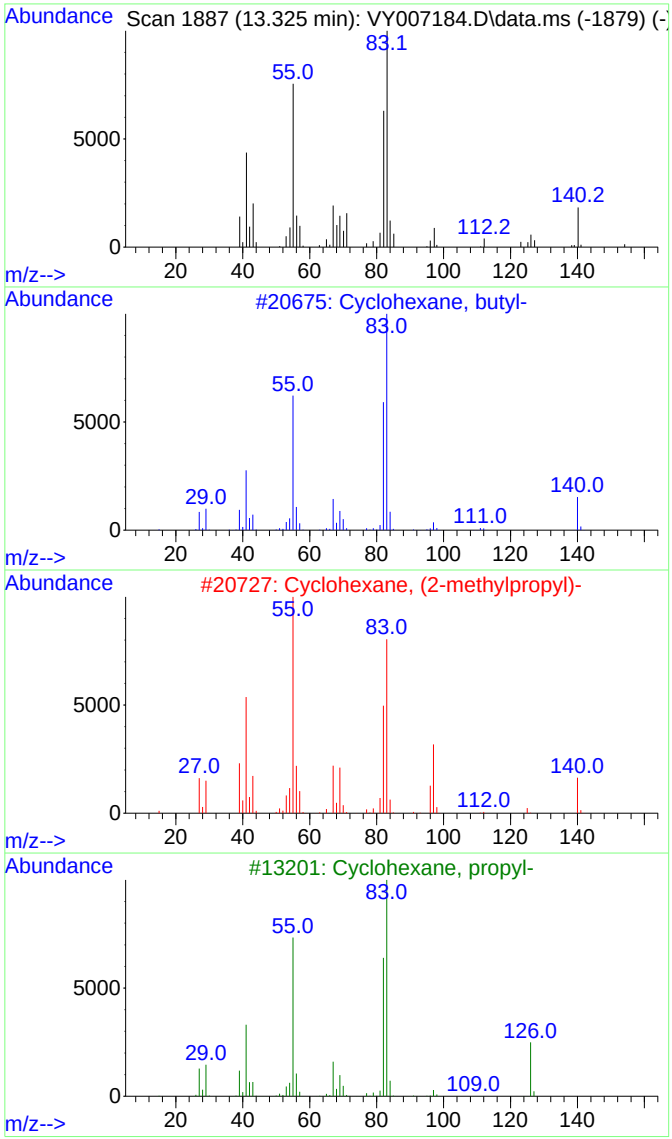
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

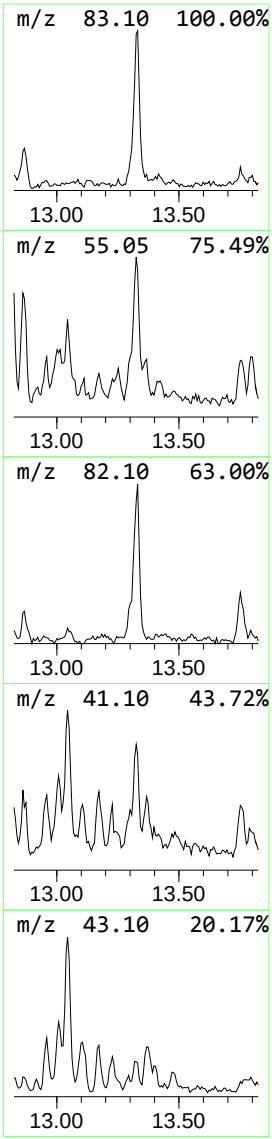
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Cyclohexane, butyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.325	5.87 ug/l	73061	1,4-Dichlorobenzene-d4	13.434

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	90
2	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	90
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	87
4	Cyclohexane, pentyl-	154	C11H22	004292-92-6	87
5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	87





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Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

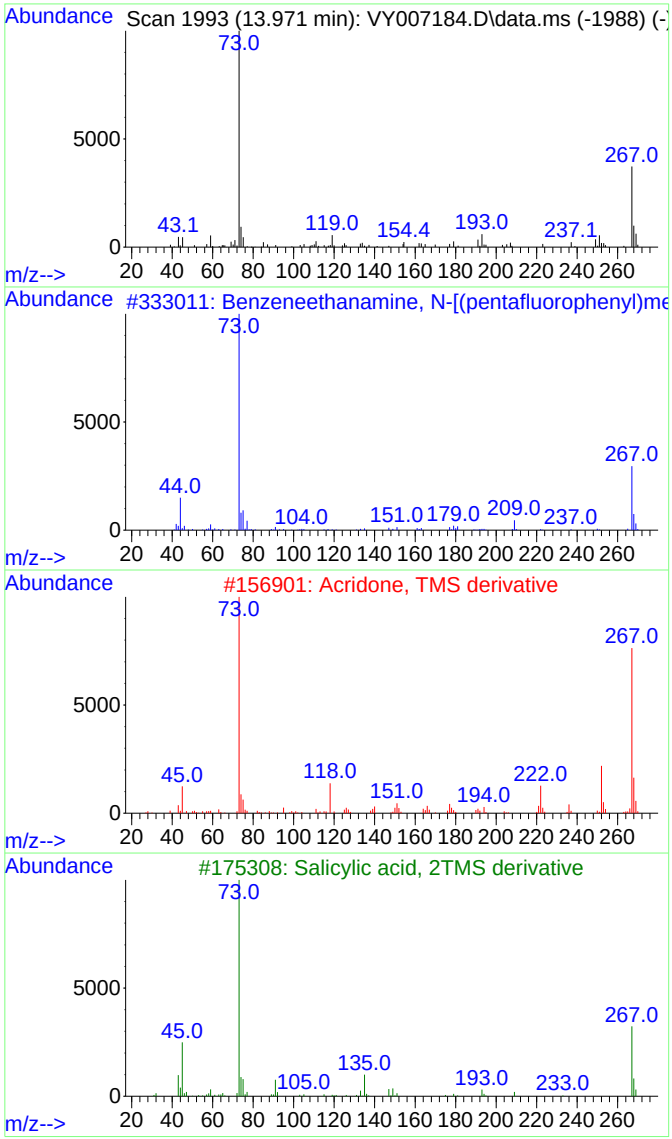
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

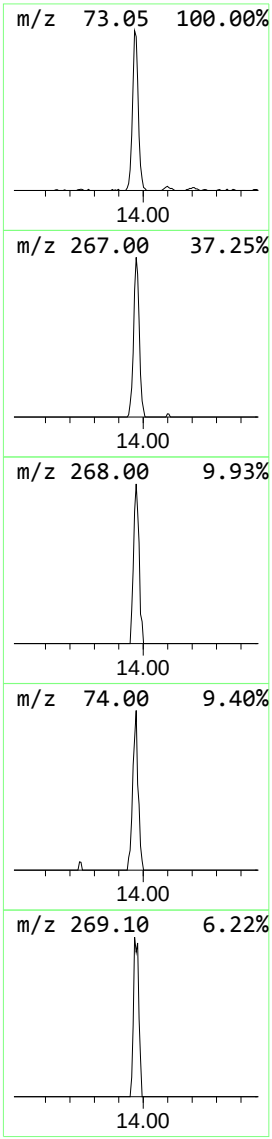
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzeneethanamine, N-[(pent... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.971	5.18 ug/l	64484	1,4-Dichlorobenzene-d4	13.434

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneethanamine, N-[(pentafluo...	475	C21H26F5NO2Si2	055429-85-1	59
2	Acridone, TMS derivative	267	C16H17NOSi	1000478-16-0	58
3	Salicylic acid, 2TMS derivative	282	C13H22O3Si2	003789-85-3	50
4	5-(4-Fluorophenyl)-1,3-oxazole-2...	267	C12H14FNOSSi	1000497-07-6	42
5	2-Amino-m-cresol, N,O-bis(trimet...	267	C13H25NOSi2	1000449-77-1	42





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Cyclohexane, 1-...	12.812	5.1	ug/l	63459	4	13.434	622703	50.0
Decane, 4-methyl-	13.044	5.0	ug/l	62778	4	13.434	622703	50.0
Cyclohexane, bu...	13.325	5.9	ug/l	73061	4	13.434	622703	50.0
Benzeneethanami...	13.971	5.2	ug/l	64484	4	13.434	622703	50.0