LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011422\
Data File : VY007170.D
Acq On : 14 Jan 2022 15:44
Operator : SY/MD
Sample : N1143-03
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WEST-BOILER-ROOM-BOTTOM

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: VY007170.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	10.179	1364	1371	1385	rVB	232308	451281	1.01%	0.157%
2	10.368	1393	1402	1410	rVB	342011	558982	1.25%	0.194%
3	10.898	1482	1489	1497	rBV	250836	518329	1.16%	0.180%
4	11.203	1533	1539	1543	rBV	344753	583038	1.30%	0.203%
5	11.276	1543	1551	1561	rVB2	2480968	5048391	11.28%	1.757%
6	11.380	1561	1568	1578	rBV	2119991	3437053	7.68%	1.196%
7	11.477	1578	1584	1591	rBV2	310071	692873	1.55%	0.241%
8	11.715	1611	1623	1631	rBV	12293595	21933761	49.03%	7.632%
9	11.782	1631	1634	1639	rVB	775883	1138589	2.55%	0.396%
10	11.874	1645	1649	1652	rBV	320391	550885	1.23%	0.192%
11	11.934	1653	1659	1663	rVB2	2003847	3354852	7.50%	1.167%
12	12.008	1663	1671	1676	rBV4	3983089	7983440	17.85%	2.778%
13	12.056	1676	1679	1682	rVV	1250162	1755130	3.92%	0.611%
14	12.123	1686	1690	1694	rVB	4633272	6323702	14.14%	2.200%
15	12.197	1694	1702	1705	rBV3	2511846	5143617	11.50%	1.790%
16	12.239	1705	1709	1715	rVB4	2882614	5596059	12.51%	1.947%
17	12.392	1724	1734	1735	rBV5	3502401	8641049	19.32%	3.007%
18	12.416	1735	1738	1740	rVV	6479700	9888310	22.10%	3.441%
19	12.440	1740	1742	1747	rVB	8027906	10261198	22.94%	3.570%
20	12.495	1747	1751	1752	rBV4	889261	1141191	2.55%	0.397%
21	12.526	1752	1756	1760	rVV	7032560	9338744	20.88%	3.249%
22	12.575	1760	1764	1768	rVV4	681365	1003909	2.24%	0.349%
23	12.642	1772	1775	1783	rVB2	2218758	5296151	11.84%	1.843%
24	12.733	1783	1790	1793	rBV2	3210371	5684168	12.71%	1.978%
25	12.770	1793	1796	1797	rVV	1277307	1660859	3.71%	0.578%
26	12.812	1797	1803	1808	rVV	24408505	44736305	100.00%	15.566%
27	12.861	1808	1811	1817	rVB2	1962616	3009578	6.73%	1.047%
28	12.953	1822	1826	1830	rBV2	2732126	5352178	11.96%	1.862%
29	13.001	1831	1834	1837	rVV3	1957371	2993533	6.69%	1.042%
30	13.038	1837	1840	1846	rVB	4234185	5848680	13.07%	2.035%
31	13.123	1847	1854	1858	rVB	7264186	12370505	27.65%	4.304%
32	13.166	1858	1861	1866	rVB	2052366	2743695	6.13%	0.955%
33	13.221	1866	1870	1873	rBV2	1406385	2435525	5.44%	0.847%
34	13.318	1878	1886	1890	rBV4	5679591	10358018	23.15%	3.604%
35	13.361	1890	1893	1897	rVV2	4418429	6653940	14.87%	2.315%
36	13.398	1897	1899	1902	rVV	2851317	3540029	7.91%	1.232%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011422\
Data File : VY007170.D
Acq On : 14 Jan 2022 15:44
Operator : SY/MD
Sample : N1143-03
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WEST-BOILER-ROOM-BOTTOM

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

37	13.428	1902	1904	1913	rVB2	3828984	6151535	13.75%	2.140%
38	13.501	1913	1916	1923	rVB2	3452416	4870564	10.89%	1.695%
39	13.593	1923	1931	1933	rBV2	1280660	2319403	5.18%	0.807%
40	13.623	1933	1936	1939	rVB	2553012	3161538	7.07%	1.100%
41	13.666	1939	1943	1952	rVB3	3910146	7570679	16.92%	2.634%
42	13.757	1952	1958	1962	rBV	13357962	21442814	47.93%	7.461%
43	13.824	1965	1969	1972	rVB	1225873	1581161	3.53%	0.550%
44	13.885	1975	1979	1981	rBV	1003784	1405021	3.14%	0.489%
45	13.916	1981	1984	1989	rVB2	2256554	3216361	7.19%	1.119%
46	13.971	1989	1993	1997	rVB	2383670	3299235	7.37%	1.148%
47	14.013	1997	2000	2005	rVB3	390122	629025	1.41%	0.219%
48	14.074	2005	2010	2015	rVB2	1821297	3031046	6.78%	1.055%
49	14.129	2015	2019	2027	rBV4	631358	1554590	3.48%	0.541%
50	14.215	2027	2033	2037	rBV4	648736	1479525	3.31%	0.515%
51	14.269	2037	2042	2044	rBV4	641206	1071977	2.40%	0.373%
52	14.336	2050	2053	2056	rVB	1117677	1457448	3.26%	0.507%
53	14.379	2056	2060	2064	rBV2	832411	1098512	2.46%	0.382%
54	14.519	2077	2083	2087	rVB3	309405	713622	1.60%	0.248%
55	14.611	2094	2098	2103	rVB	917258	1280209	2.86%	0.445%
56	14.672	2103	2108	2115	rBV3	708649	1432663	3.20%	0.498%
57	15.233	2190	2200	2206	rBV	339561	600443	1.34%	0.209%

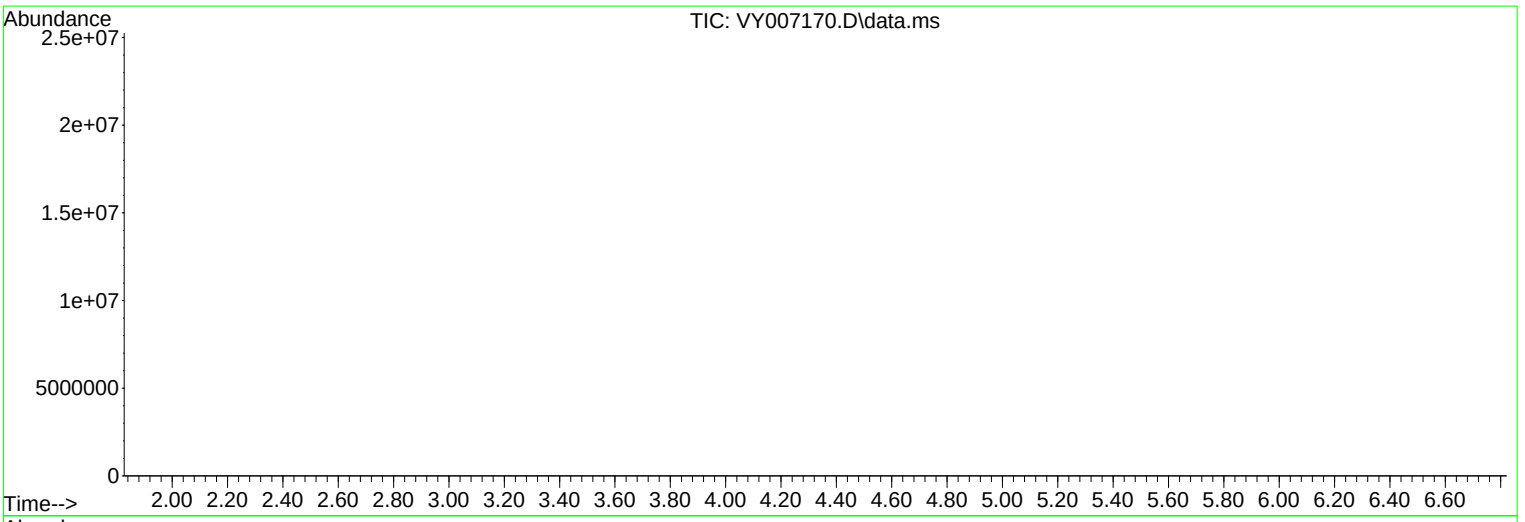
Sum of corrected areas: 287394918

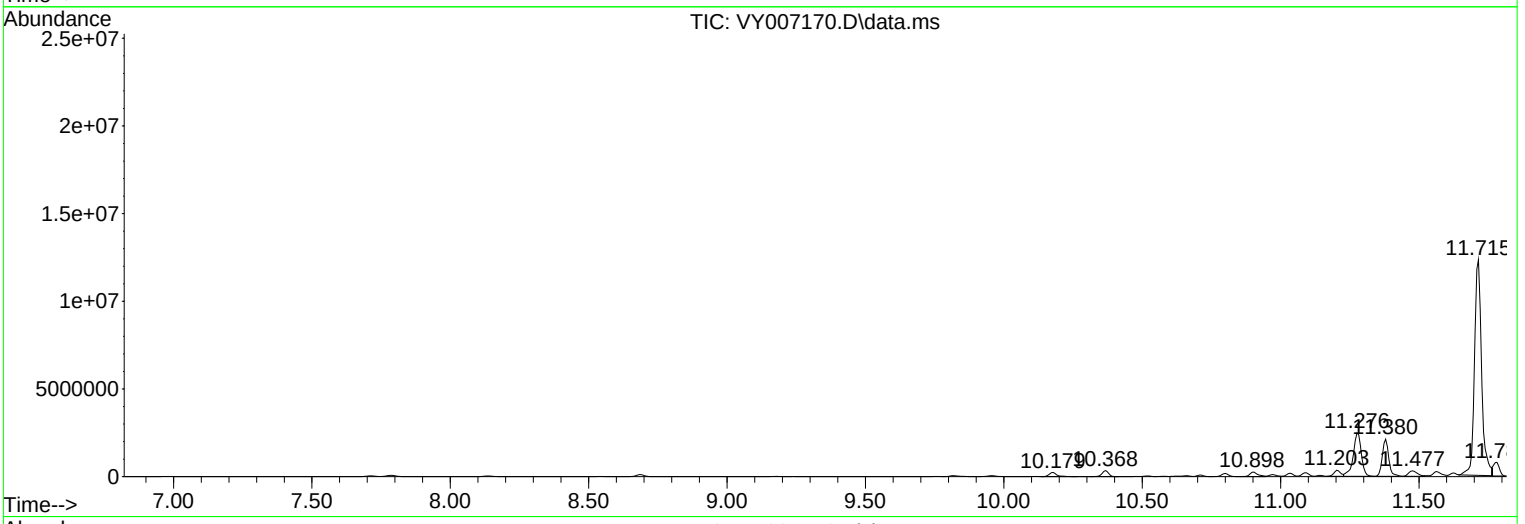
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011422\
Data File : VY007170.D
Acq On : 14 Jan 2022 15:44
Operator : SY/MD
Sample : N1143-03
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

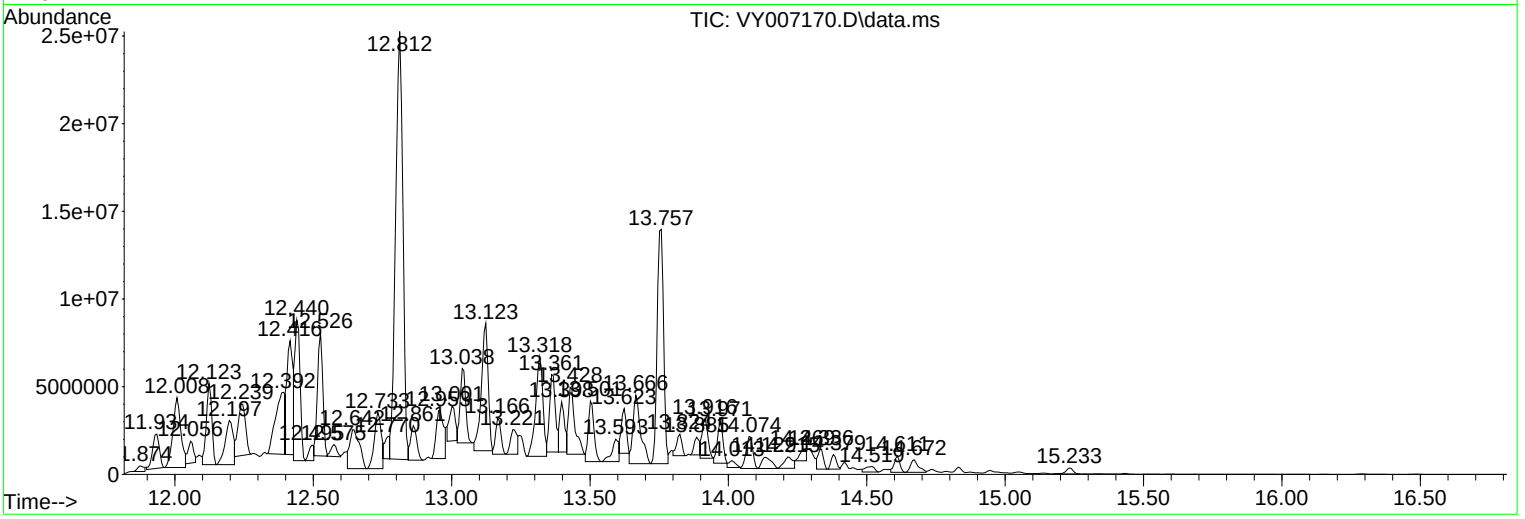
Instrument :
MSVOA_Y
ClientSampleId :
WEST-BOILER-ROOM-BOTTOM

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







Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011422\
Data File : VY007170.D
Acq On : 14 Jan 2022 15:44
Operator : SY/MD
Sample : N1143-03
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WEST-BOILER-ROOM-BOTTOM

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

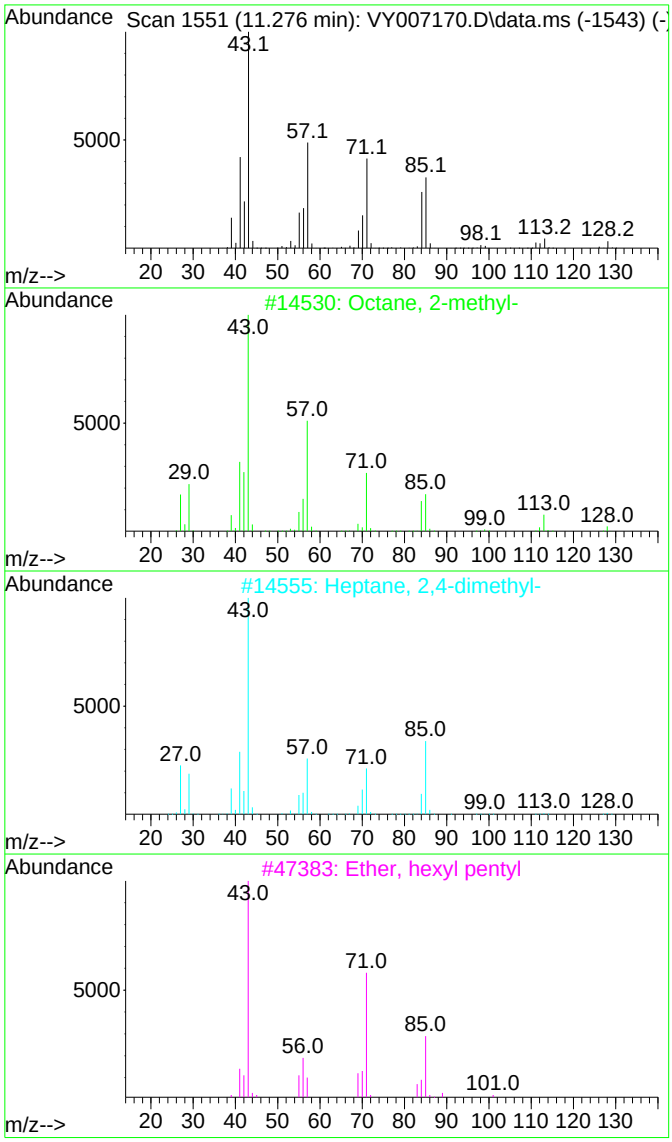
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

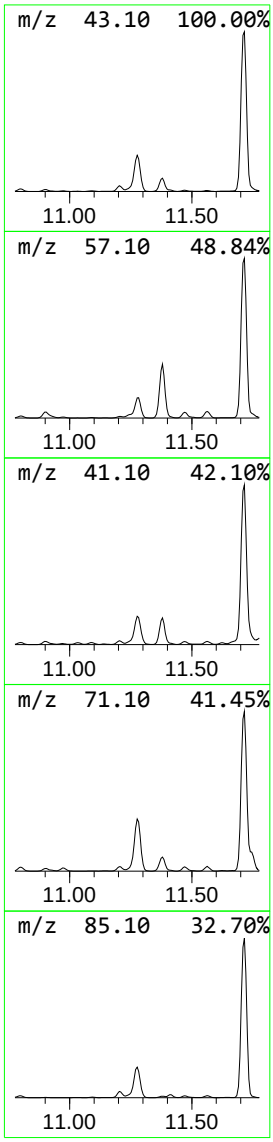
****

Peak Number 1 Octane, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.276	364.31 ug/l	5048390	Chlorobenzene-d5	11.489

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2-methyl-	128	C9H20	003221-61-2	80
2	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	64
3	Ether, hexyl pentyl	172	C11H24O	032357-83-8	59
4	2-Methylpentyl formate	130	C7H14O2	381670-34-4	59
5	Octane	114	C8H18	000111-65-9	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011422\
Data File : VY007170.D
Acq On : 14 Jan 2022 15:44
Operator : SY/MD
Sample : N1143-03
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WEST-BOILER-ROOM-BOTTOM

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

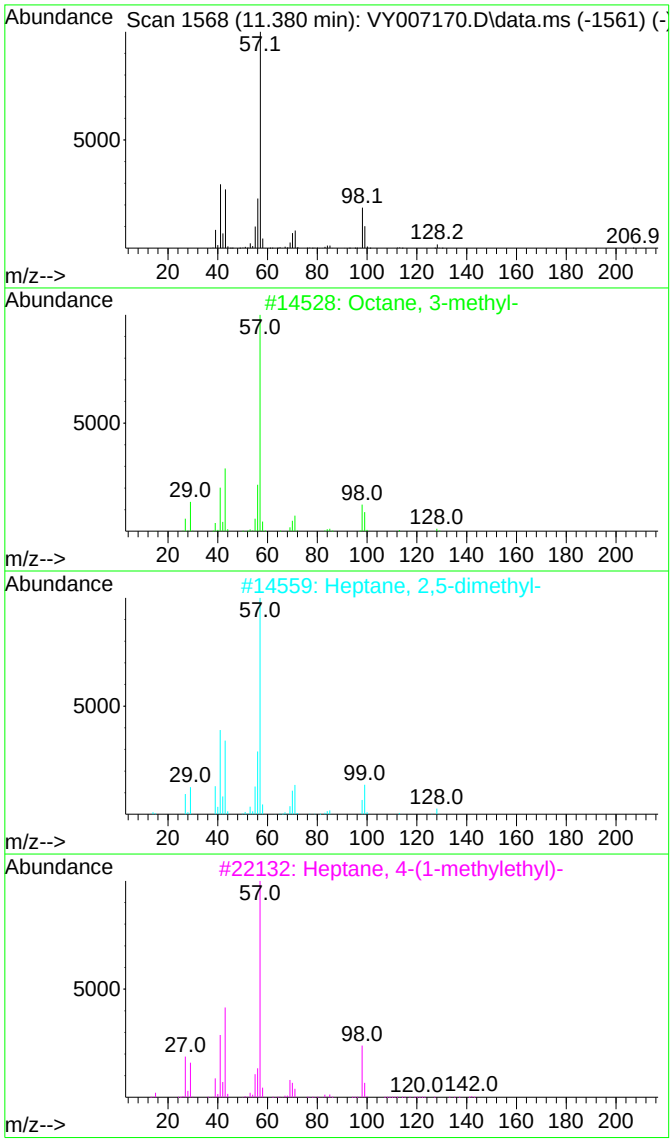
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

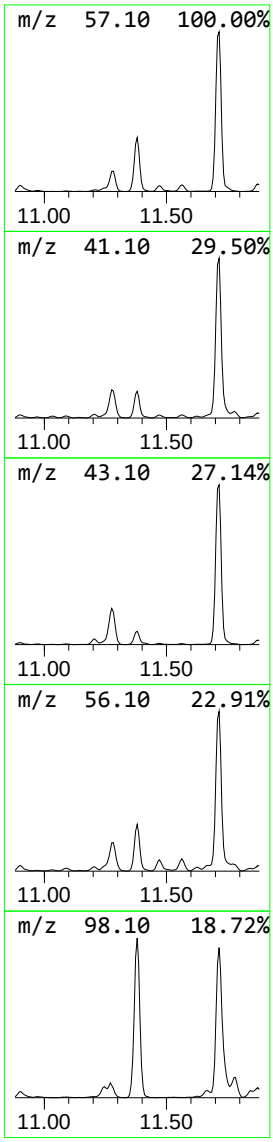
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.380	248.03 ug/l	3437050	Chlorobenzene-d5	11.489

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3-methyl-	128	C9H20	002216-33-3	91
2	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	81
3	Heptane, 4-(1-methylethyl)-	142	C10H22	052896-87-4	64
4	Undecane, 6-methyl-	170	C12H26	017302-33-9	59
5	Heptane, 4-propyl-	142	C10H22	003178-29-8	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011422\
Data File : VY007170.D
Acq On : 14 Jan 2022 15:44
Operator : SY/MD
Sample : N1143-03
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WEST-BOILER-ROOM-BOTTOM

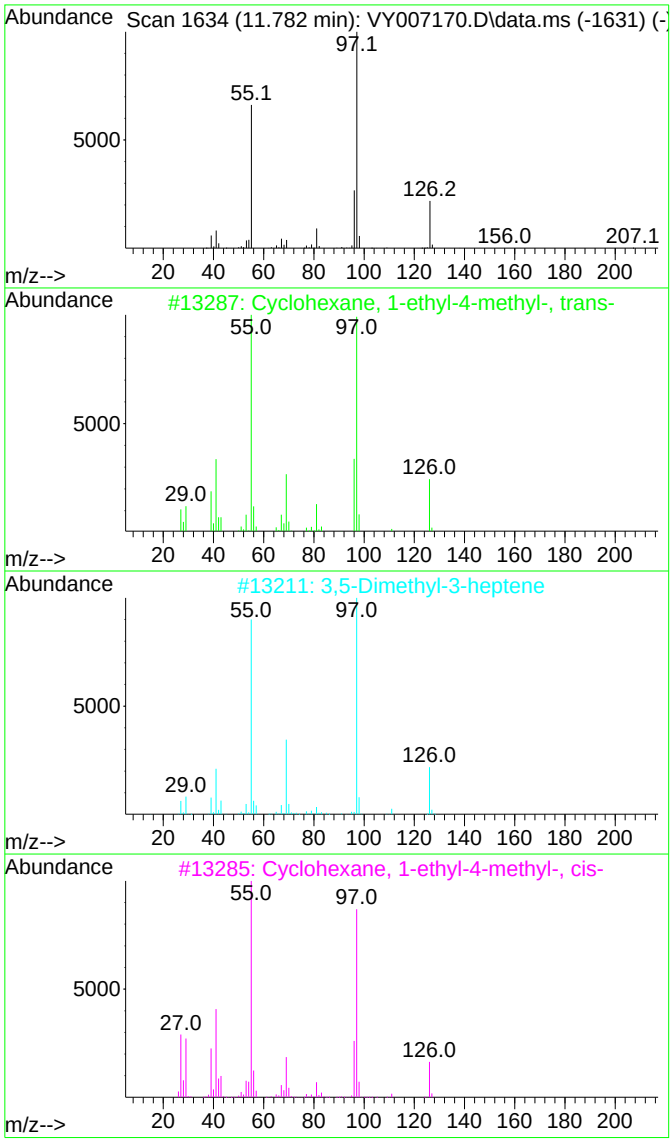
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

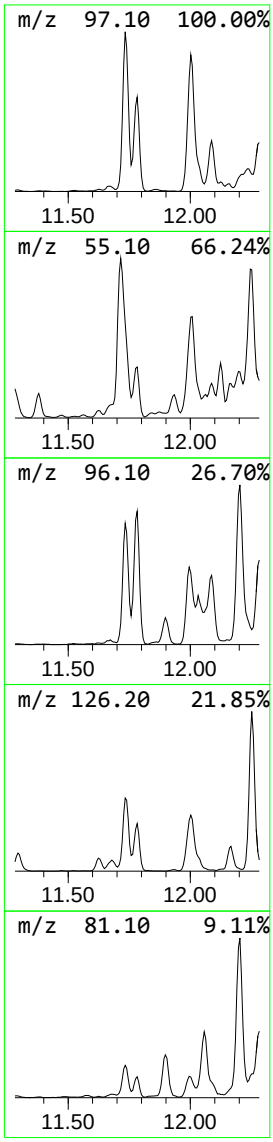
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Cyclohexane, 1-ethyl-4-meth... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.782	82.16 ug/l	1138590	Chlorobenzene-d5	11.489

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	83
2	3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	64
3	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	64
4	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	64
5	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011422\
Data File : VY007170.D
Acq On : 14 Jan 2022 15:44
Operator : SY/MD
Sample : N1143-03
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WEST-BOILER-ROOM-BOTTOM

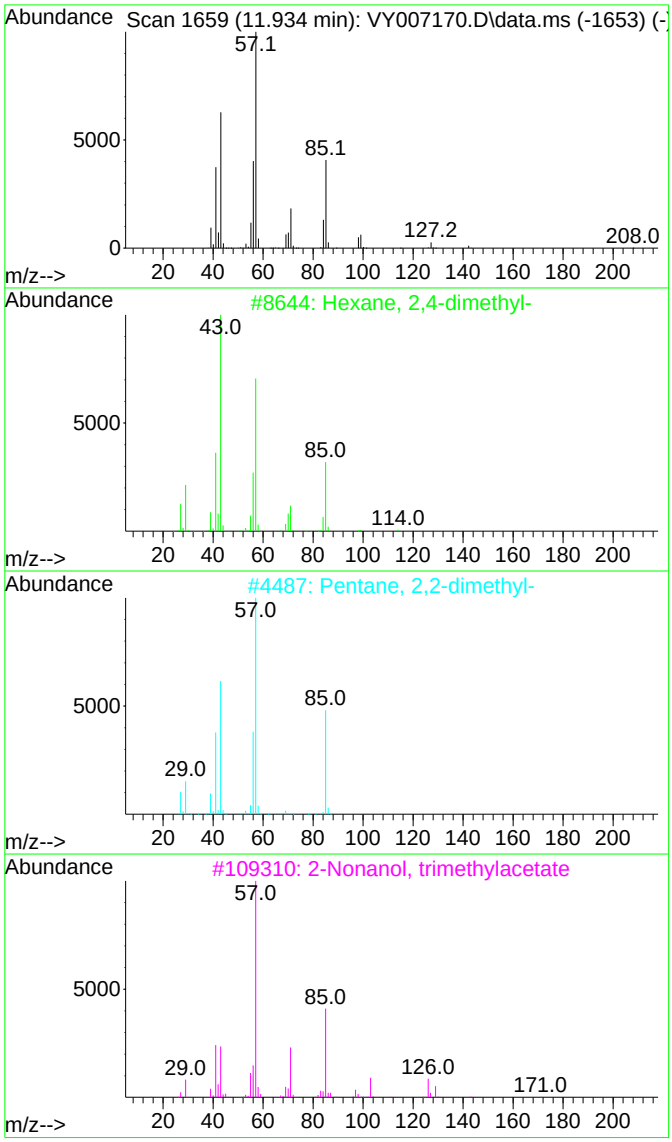
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

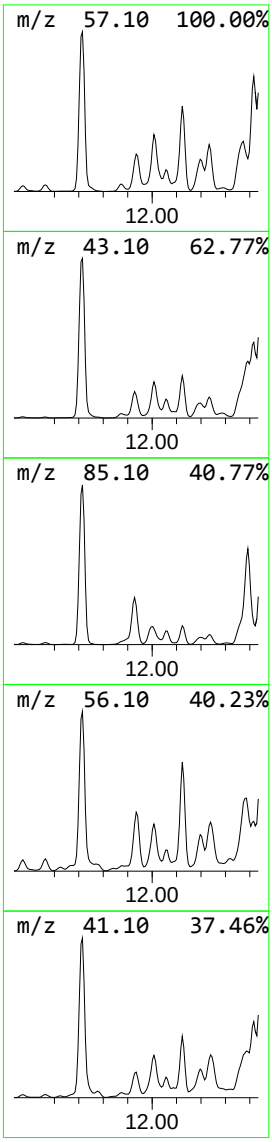
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Hexane, 2,4-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.935	242.10 ug/l	3354850	Chlorobenzene-d5	11.489

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	78
2	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	59
3	2-Nonanol, trimethylacetate	228	C14H28O2	1000463-21-6	50
4	Oxalic acid, isobutyl hexyl ester	230	C12H22O4	1000309-37-1	50
5	Heptane, 2,4,6-trimethyl-	142	C10H22	002613-61-8	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011422\
Data File : VY007170.D
Acq On : 14 Jan 2022 15:44
Operator : SY/MD
Sample : N1143-03
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WEST-BOILER-ROOM-BOTTOM

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

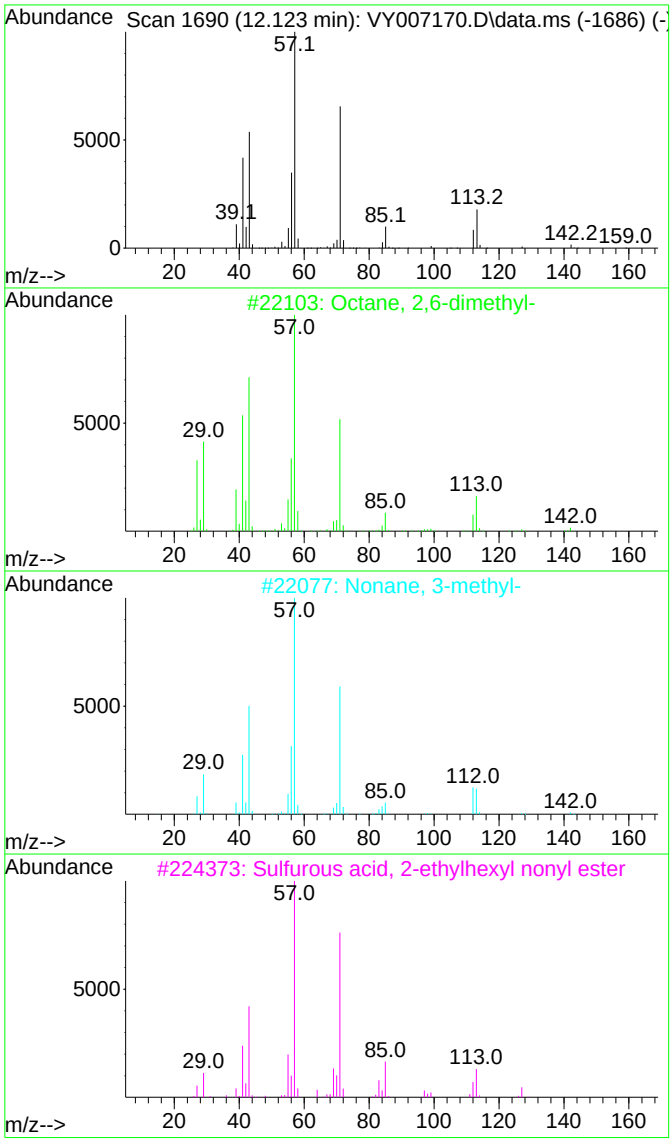
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

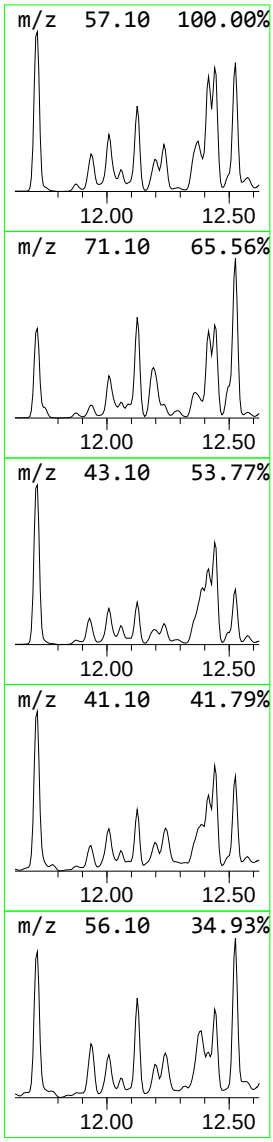
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.124	456.34 ug/l	6323700	Chlorobenzene-d5	11.489

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	90
3	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	64
4	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64
5	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011422\
Data File : VY007170.D
Acq On : 14 Jan 2022 15:44
Operator : SY/MD
Sample : N1143-03
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WEST-BOILER-ROOM-BOTTOM

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

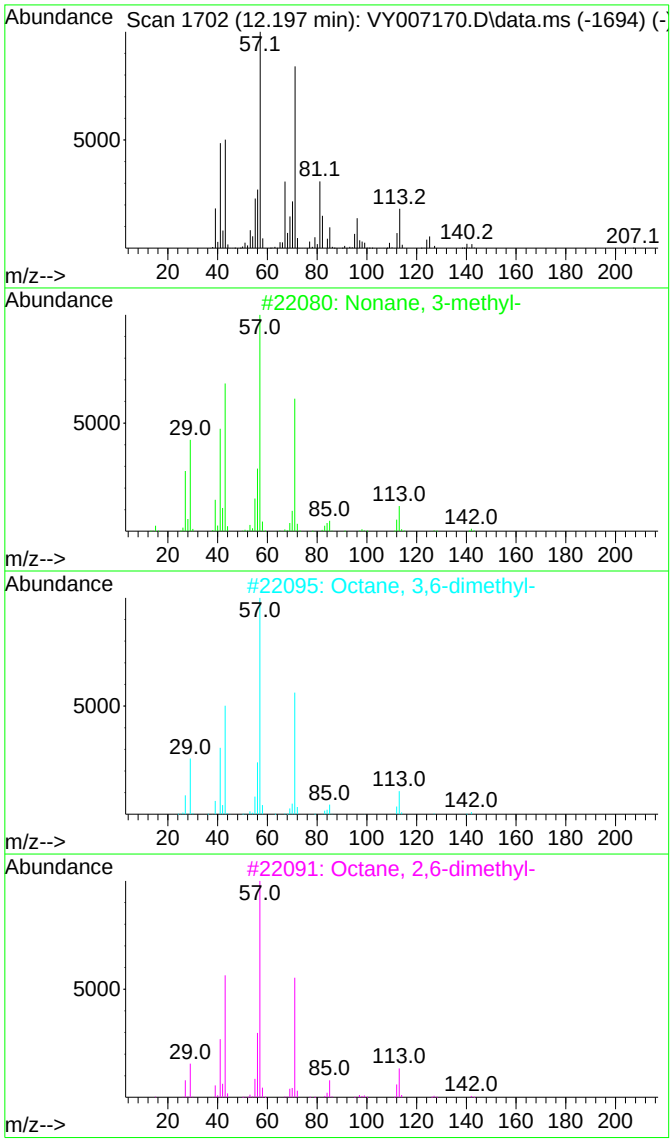
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

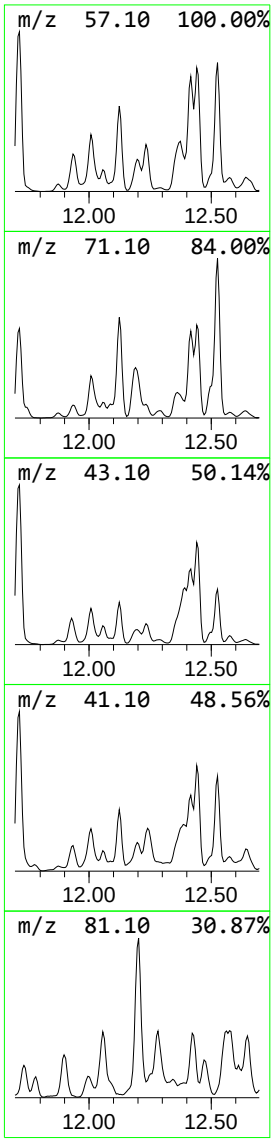
****

Peak Number 6 Nonane, 3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.197	371.18 ug/l	5143620	Chlorobenzene-d5	11.489

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-	142	C10H22	005911-04-6	76
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	70
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	53
4	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	52
5	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011422\
Data File : VY007170.D
Acq On : 14 Jan 2022 15:44
Operator : SY/MD
Sample : N1143-03
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WEST-BOILER-ROOM-BOTTOM

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

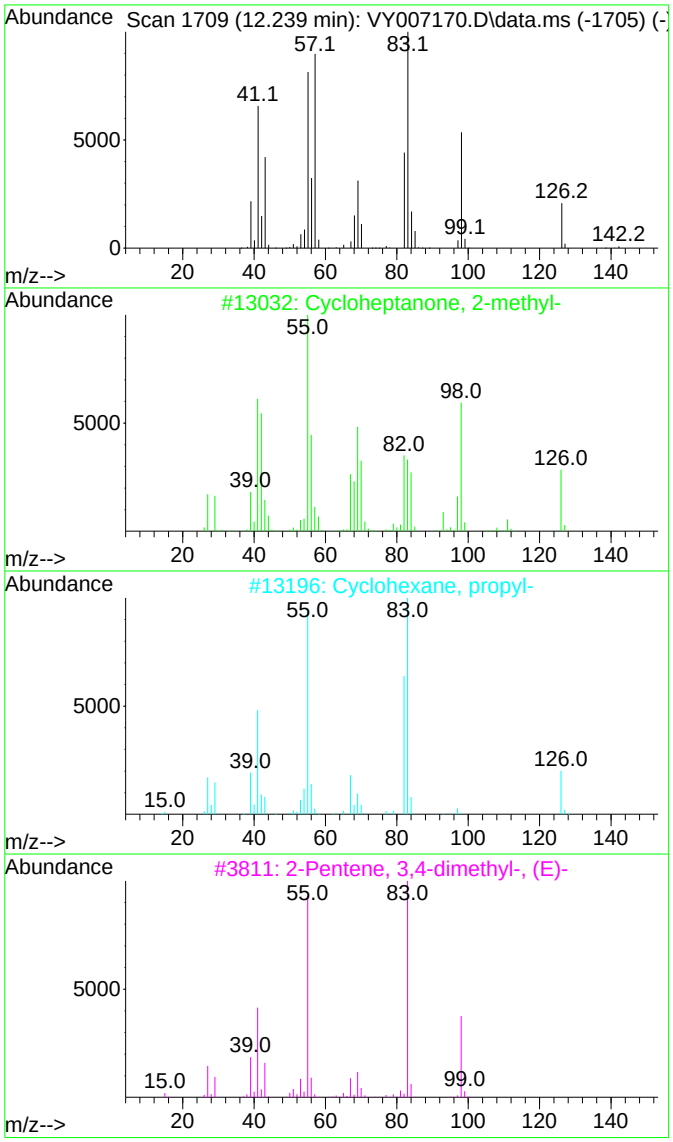
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

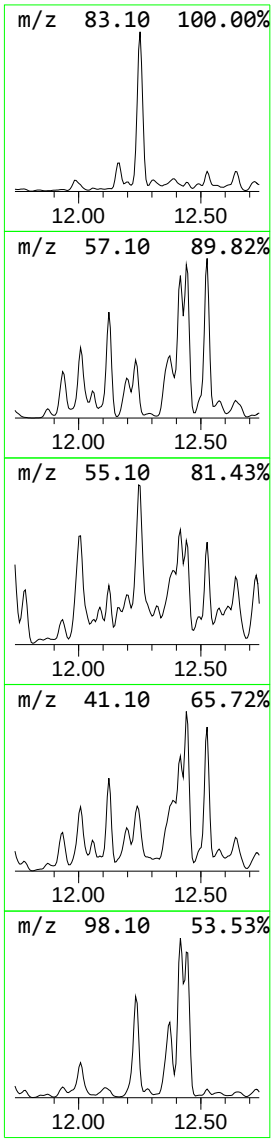
****

Peak Number 7 Cycloheptanone, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.239	403.83 ug/l	5596060	Chlorobenzene-d5	11.489

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloheptanone, 2-methyl-	126	C8H14O	000932-56-9	60
2	Cyclohexane, propyl-	126	C9H18	001678-92-8	58
3	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	49
4	2-Pentene, 2,3-dimethyl-	98	C7H14	010574-37-5	49
5	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011422\
Data File : VY007170.D
Acq On : 14 Jan 2022 15:44
Operator : SY/MD
Sample : N1143-03
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WEST-BOILER-ROOM-BOTTOM

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

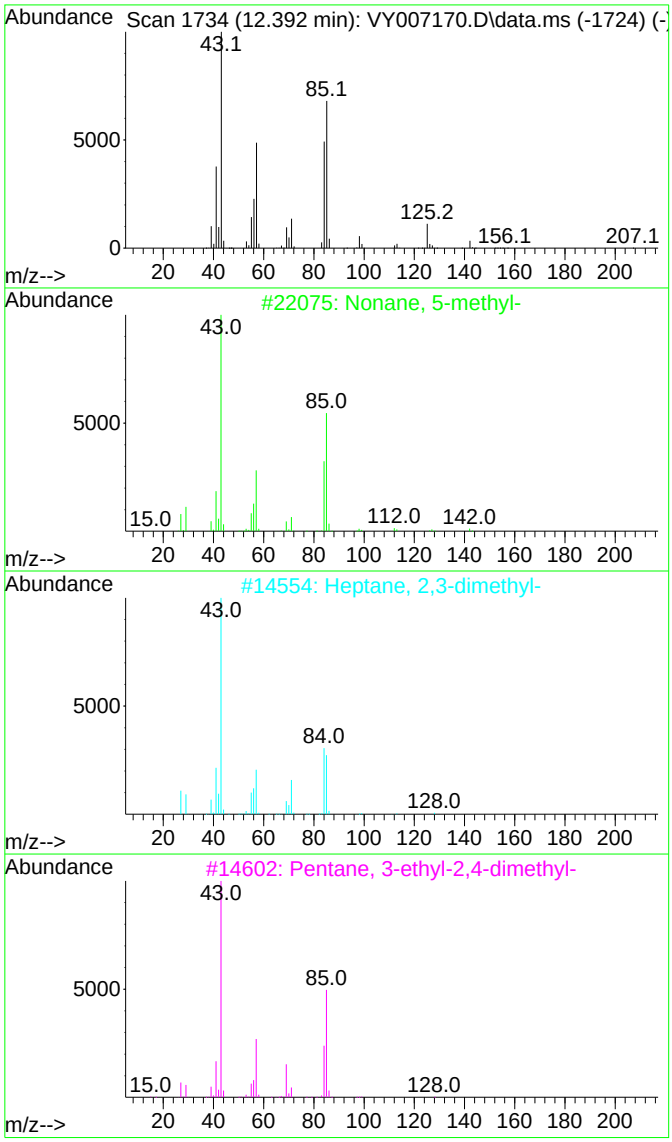
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

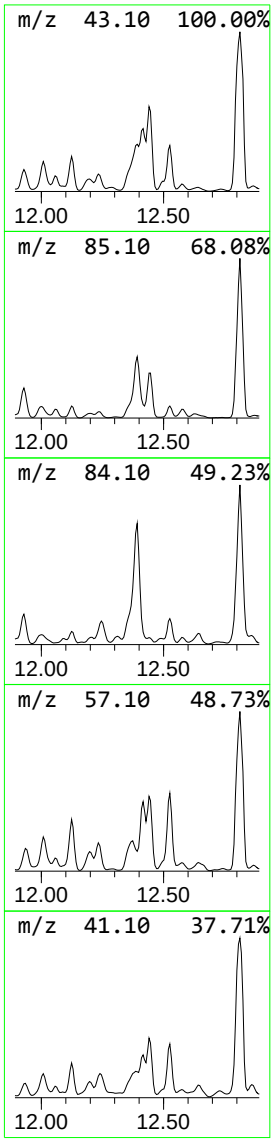
****

Peak Number 8 Nonane, 5-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.392	623.57 ug/l	8641050	Chlorobenzene-d5	11.489

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 5-methyl-	142	C10H22	015869-85-9	90
2	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	59
3	Pentane, 3-ethyl-2,4-dimethyl-	128	C9H20	001068-87-7	59
4	Octane, 4-methyl-	128	C9H20	002216-34-4	53
5	Hexane, 3-ethyl-	114	C8H18	000619-99-8	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011422\
Data File : VY007170.D
Acq On : 14 Jan 2022 15:44
Operator : SY/MD
Sample : N1143-03
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WEST-BOILER-ROOM-BOTTOM

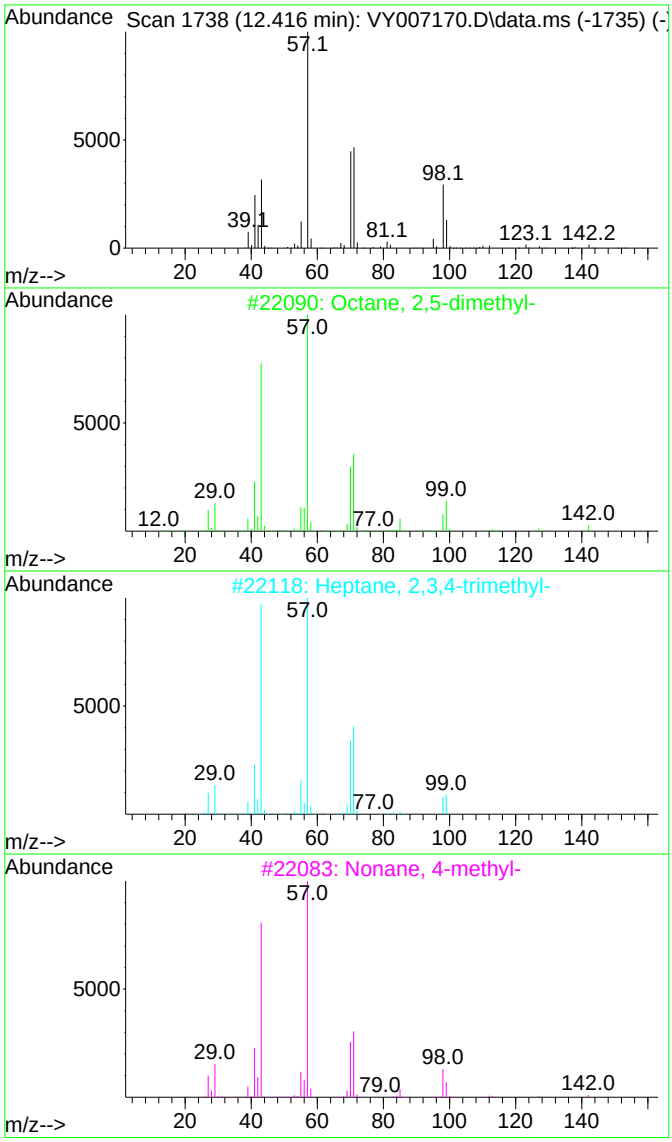
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

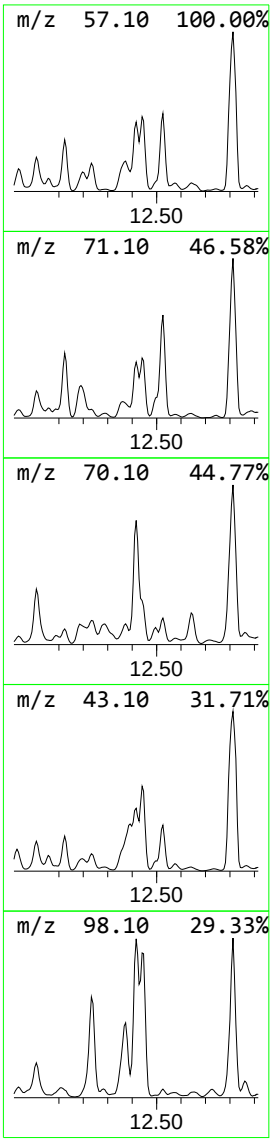
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Octane, 2,5-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.416	713.57 ug/l	9888310	Chlorobenzene-d5	11.489

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	59
2	Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	50
3	Nonane, 4-methyl-	142	C10H22	017301-94-9	47
4	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	45
5	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011422\
Data File : VY007170.D
Acq On : 14 Jan 2022 15:44
Operator : SY/MD
Sample : N1143-03
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WEST-BOILER-ROOM-BOTTOM

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

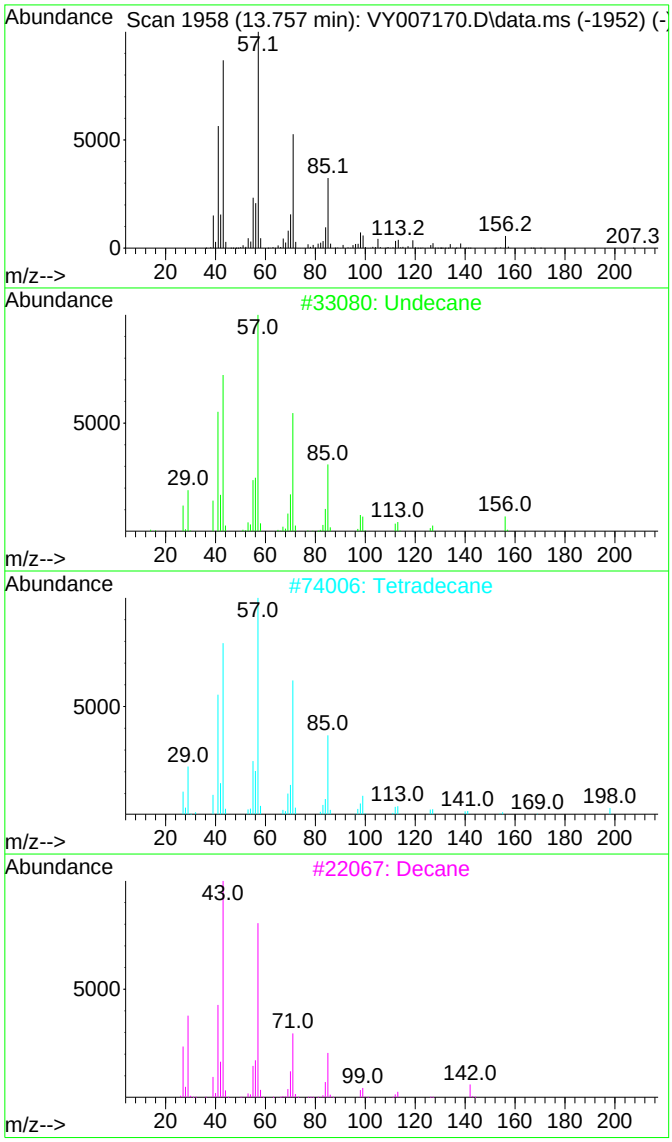
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

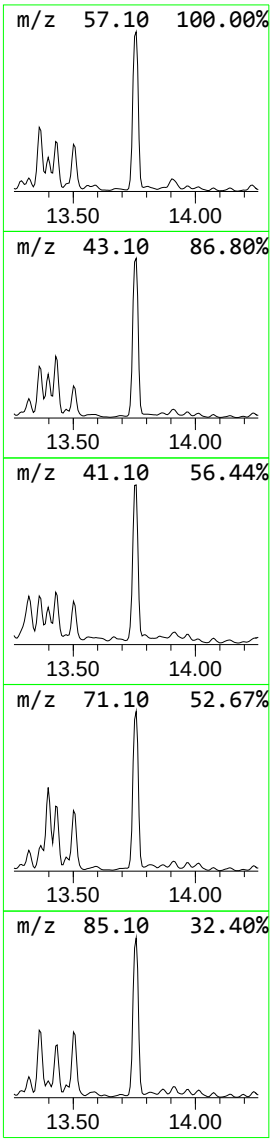
****

Peak Number 10 Undecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.757	174.29 ug/l	21442800	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	96
2	Tetradecane	198	C14H30	000629-59-4	86
3	Decane	142	C10H22	000124-18-5	86
4	Carbonic acid, prop-1-en-2-yl te...	298	C18H34O3	1000382-90-9	86
5	Hexadecane	226	C16H34	000544-76-3	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011422\
Data File : VY007170.D
Acq On : 14 Jan 2022 15:44
Operator : SY/MD
Sample : N1143-03
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WEST-BOILER-ROOM-BOTTOM

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Octane, 2-methyl-	11.276	364.3	ug/l	5048390	3	11.489	692873	50.0
Octane, 3-methyl-	11.380	248.0	ug/l	3437050	3	11.489	692873	50.0
Cyclohexane, 1-...	11.782	82.2	ug/l	1138590	3	11.489	692873	50.0
Hexane, 2,4-dim...	11.935	242.1	ug/l	3354850	3	11.489	692873	50.0
Octane, 2,6-dim...	12.124	456.3	ug/l	6323700	3	11.489	692873	50.0
Nonane, 3-methyl-	12.197	371.2	ug/l	5143620	3	11.489	692873	50.0
Cycloheptanone,...	12.239	403.8	ug/l	5596060	3	11.489	692873	50.0
Nonane, 5-methyl-	12.392	623.6	ug/l	8641050	3	11.489	692873	50.0
Octane, 2,5-dim...	12.416	713.6	ug/l	9888310	3	11.489	692873	50.0
Undecane	13.757	174.3	ug/l	21442800	4	13.422	6151540	50.0