LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022222\
Data File : VY007581.D
Acq On : 22 Feb 2022 14:32
Operator : SY/MD
Sample : N1600-08
Misc : 4.63g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
C0AA9

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\82Y022122S.M
Title : SW846 8260

Signal : TIC: VY007581.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	9.825	1306	1313	1325	rVB2	364165	917436	1.26%	0.272%
2	10.179	1364	1371	1375	rBV	780523	1453647	2.00%	0.431%
3	10.374	1395	1403	1411	rVB	1686292	3198592	4.39%	0.949%
4	10.618	1435	1443	1449	rBV	567640	1159626	1.59%	0.344%
5	10.807	1465	1474	1479	rBV	834623	1456020	2.00%	0.432%
6	10.910	1485	1491	1497	rBV	446203	878154	1.21%	0.260%
7	10.971	1497	1501	1504	rBV2	539410	900843	1.24%	0.267%
8	11.038	1508	1512	1516	rVV	1176348	1966299	2.70%	0.583%
9	11.093	1516	1521	1527	rVB2	1433431	2710464	3.72%	0.804%
10	11.209	1534	1540	1544	rBV3	973424	1912003	2.63%	0.567%
11	11.288	1544	1553	1563	rVB4	3169242	8797533	12.08%	2.609%
12	11.386	1563	1569	1583	rBV	2588480	5592031	7.68%	1.658%
13	11.593	1597	1603	1606	rBV2	1059238	1808166	2.48%	0.536%
14	11.630	1606	1609	1612	rVV	977305	1547457	2.13%	0.459%
15	11.721	1612	1624	1631	rVV3	9289384	22548015	30.97%	6.687%
16	11.788	1631	1635	1640	rVB2	1807022	3397557	4.67%	1.008%
17	11.855	1640	1646	1650	rBV2	433627	998455	1.37%	0.296%
18	11.941	1655	1660	1664	rVB2	760209	1280365	1.76%	0.380%
19	12.026	1664	1674	1679	rBV4	3378205	11168093	15.34%	3.312%
20	12.130	1687	1691	1699	rVB2	2311134	4274515	5.87%	1.268%
21	12.209	1699	1704	1706	rBV2	1900968	3131136	4.30%	0.929%
22	12.252	1706	1711	1720	rVB6	2512682	6496476	8.92%	1.927%
23	12.337	1720	1725	1728	rBV	963630	1701583	2.34%	0.505%
24	12.386	1729	1733	1736	rBV4	780531	1583395	2.17%	0.470%
25	12.428	1736	1740	1742	rBV	1266615	2018372	2.77%	0.599%
26	12.538	1753	1758	1762	rBV	2305574	3858515	5.30%	1.144%
27	12.666	1773	1779	1785	rVB2	2491420	6667484	9.16%	1.977%
28	12.739	1785	1791	1795	rBV3	5733376	12303323	16.90%	3.649%
29	12.776	1795	1797	1799	rVV	3379931	4650184	6.39%	1.379%
30	12.819	1799	1804	1809	rVV	53344805	72808894	100.00%	21.593%
31	12.867	1809	1812	1818	rVB2	2807850	5046366	6.93%	1.497%
32	12.977	1818	1830	1834	rBV3	3989209	11295011	15.51%	3.350%
33	13.050	1838	1842	1848	rVB2	4456785	8477412	11.64%	2.514%
34	13.129	1848	1855	1860	rBV	9749584	16289375	22.37%	4.831%
35	13.178	1860	1863	1868	rBV3	768119	1133026	1.56%	0.336%
36	13.257	1869	1876	1880	rVB4	2463071	5468471	7.51%	1.622%

LSC Area Percent Report

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Acq On : 22 Feb 2022 14:32
Operator : SY/MD
Sample : N1600-08
Misc : 4.63g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
C0AA9

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\82Y022122S.M
Title : SW846 8260

37	13.318	1880	1886	1891	rBV6	4436866	10070660	13.83%	2.987%
38	13.367	1891	1894	1898	rVB4	1912844	2607880	3.58%	0.773%
39	13.465	1903	1910	1914	rVB2	3647258	7873104	10.81%	2.335%
40	13.507	1914	1917	1921	rBV3	1788779	2349102	3.23%	0.697%
41	13.568	1922	1927	1929	rBV4	977128	1855539	2.55%	0.550%
42	13.629	1932	1937	1941	rVB2	4462350	6574207	9.03%	1.950%
43	13.672	1941	1944	1947	rBV3	2619011	3986451	5.48%	1.182%
44	13.757	1953	1958	1963	rBV	7966840	12125228	16.65%	3.596%
45	13.824	1963	1969	1976	rVV2	2259649	5580057	7.66%	1.655%
46	13.892	1976	1980	1982	rVV	1715718	2759369	3.79%	0.818%
47	13.922	1982	1985	1989	rVV	2167008	3261189	4.48%	0.967%
48	13.977	1990	1994	1998	rVB	2750135	4015958	5.52%	1.191%
49	14.026	1998	2002	2006	rVB2	804235	1571343	2.16%	0.466%
50	14.081	2006	2011	2017	rVB	3817072	6278384	8.62%	1.862%
51	14.148	2017	2022	2023	rBV3	801755	1313316	1.80%	0.389%
52	14.209	2027	2032	2036	rBV5	829700	1478190	2.03%	0.438%
53	14.257	2036	2040	2045	rBV3	2336768	3947640	5.42%	1.171%
54	14.337	2050	2053	2056	rVB	993602	1305132	1.79%	0.387%
55	14.379	2056	2060	2063	rBV	828421	1034930	1.42%	0.307%
56	14.422	2063	2067	2072	rVB2	1467338	2131862	2.93%	0.632%
57	14.477	2072	2076	2080	rBV2	663000	1110514	1.53%	0.329%
58	14.519	2080	2083	2087	rVB	688041	892512	1.23%	0.265%
59	14.562	2087	2090	2095	rBV2	1097313	2083978	2.86%	0.618%
60	14.611	2095	2098	2103	rVB2	1082203	1607182	2.21%	0.477%
61	14.684	2103	2110	2115	rBV4	2058379	4211896	5.78%	1.249%
62	14.733	2115	2118	2125	rVB4	654746	1136517	1.56%	0.337%
63	14.830	2125	2134	2140	rBV	1363321	2387168	3.28%	0.708%
64	15.056	2164	2171	2177	rVB3	288656	746279	1.02%	0.221%

Sum of corrected areas: 337189881

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022222\
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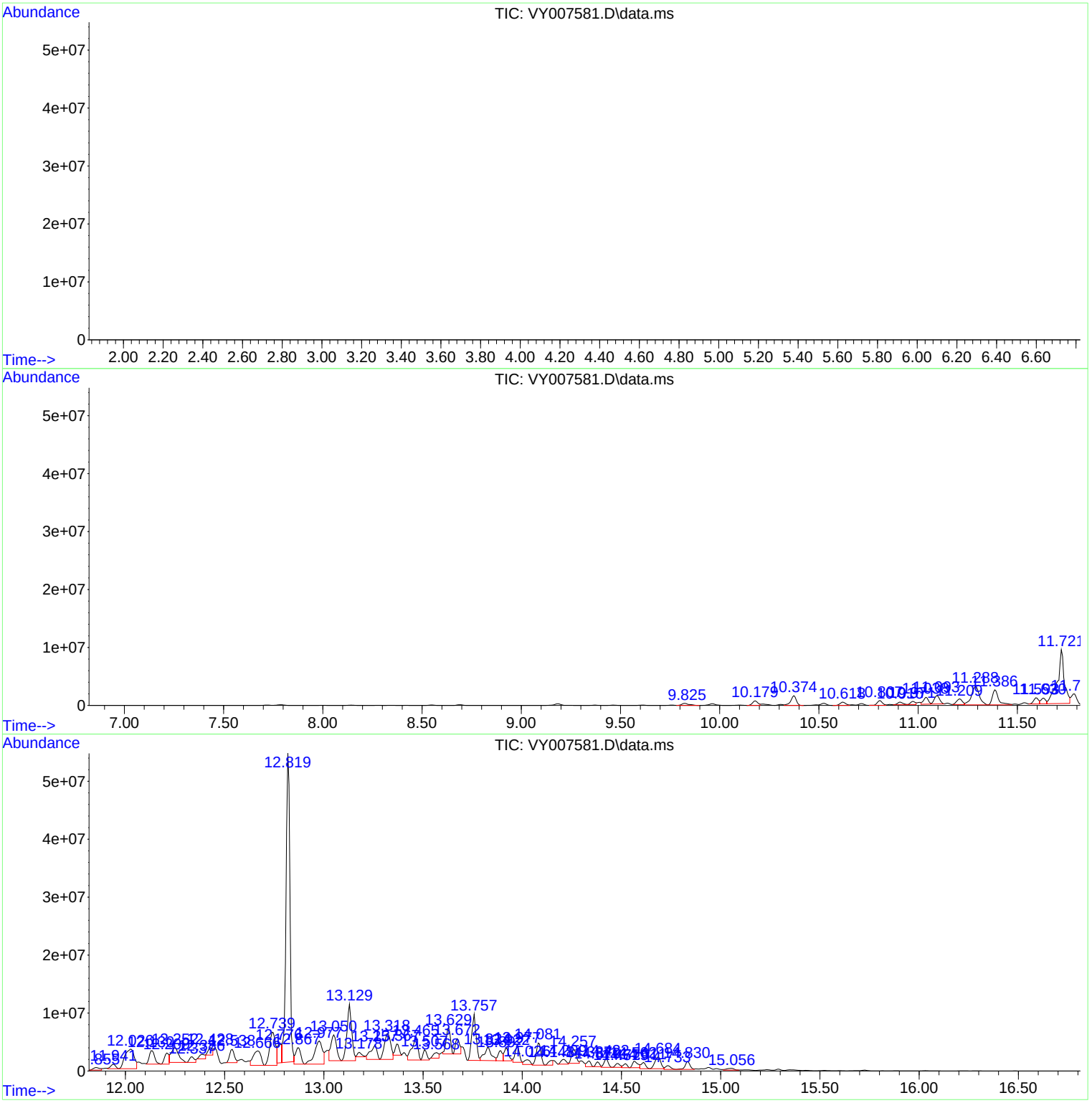
Acq On : 22 Feb 2022 14:32
Operator : SY/MD
Sample : N1600-08
Misc : 4.63g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
C0AA9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022122S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022222\
Data File : VY007581.D
Acq On : 22 Feb 2022 14:32
Operator : SY/MD
Sample : N1600-08
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ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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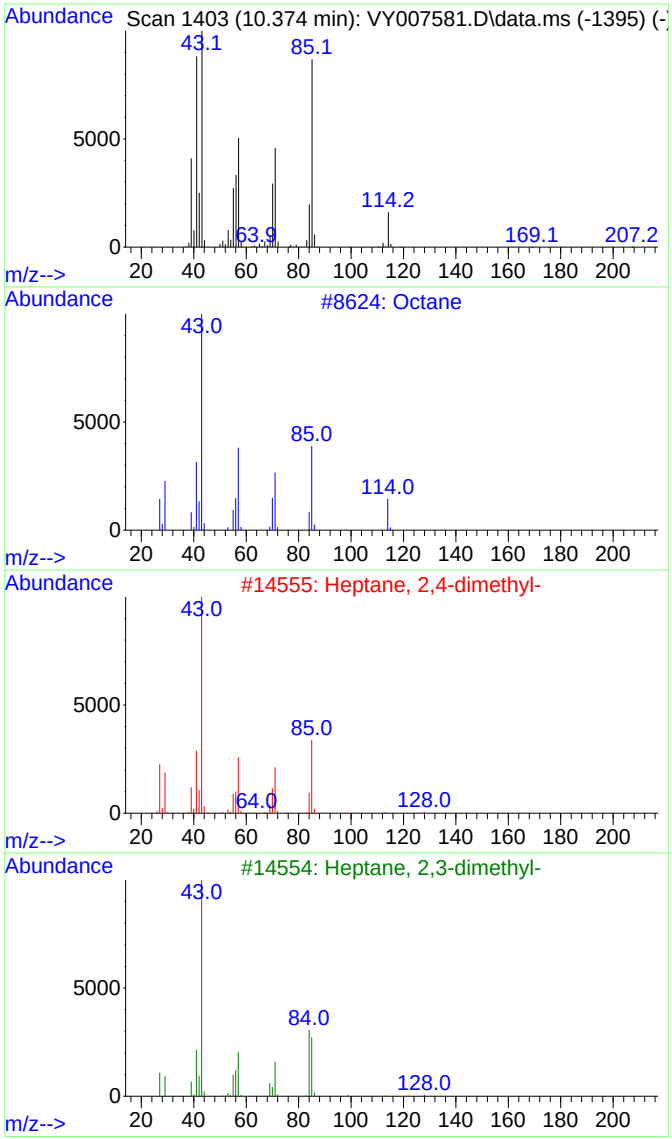
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022122S.M
Quant Title : SW846 8260

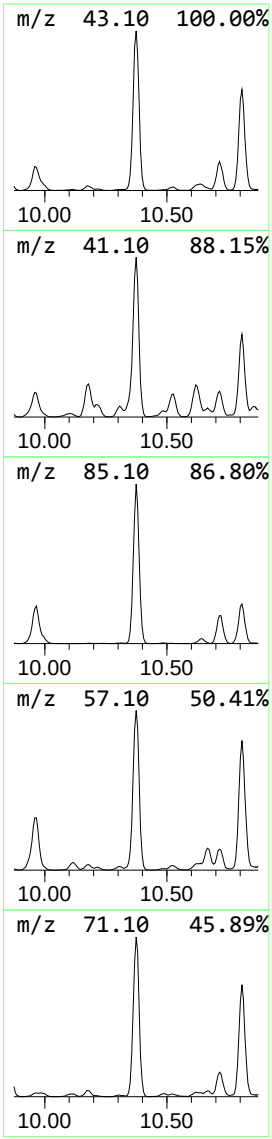
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Octane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.374	88.45 ug/l	3198590	Chlorobenzene-d5	11.490

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane	114	C8H18	000111-65-9	81
2	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	64
3	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	53
4	Methacrylamide	85	C4H7NO	000079-39-0	38
5	Hexane, 2-bromo-	164	C6H13Br	003377-86-4	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022222\
Data File : VY007581.D
Acq On : 22 Feb 2022 14:32
Operator : SY/MD
Sample : N1600-08
Misc : 4.63g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
C0AA9

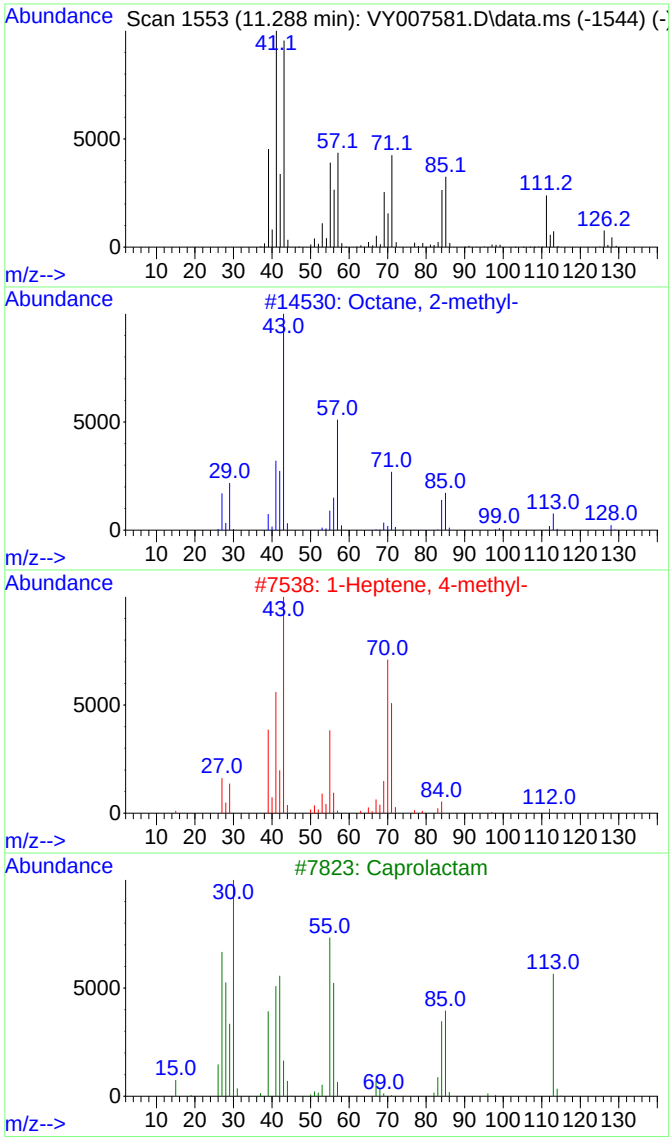
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022122S.M
Quant Title : SW846 8260

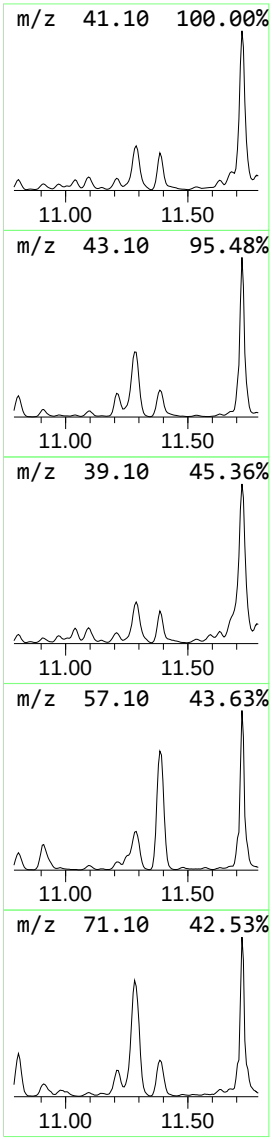
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Octane, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.288	243.27 ug/l	8797530	Chlorobenzene-d5	11.490

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2-methyl-	128	C9H20	003221-61-2	58
2	1-Heptene, 4-methyl-	112	C8H16	013151-05-8	38
3	Caprolactam	113	C6H11NO	000105-60-2	27
4	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	27
5	2-Acetylcyclopentanone	126	C7H10O2	001670-46-8	27





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022222\
Data File : VY007581.D
Acq On : 22 Feb 2022 14:32
Operator : SY/MD
Sample : N1600-08
Misc : 4.63g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
C0AA9

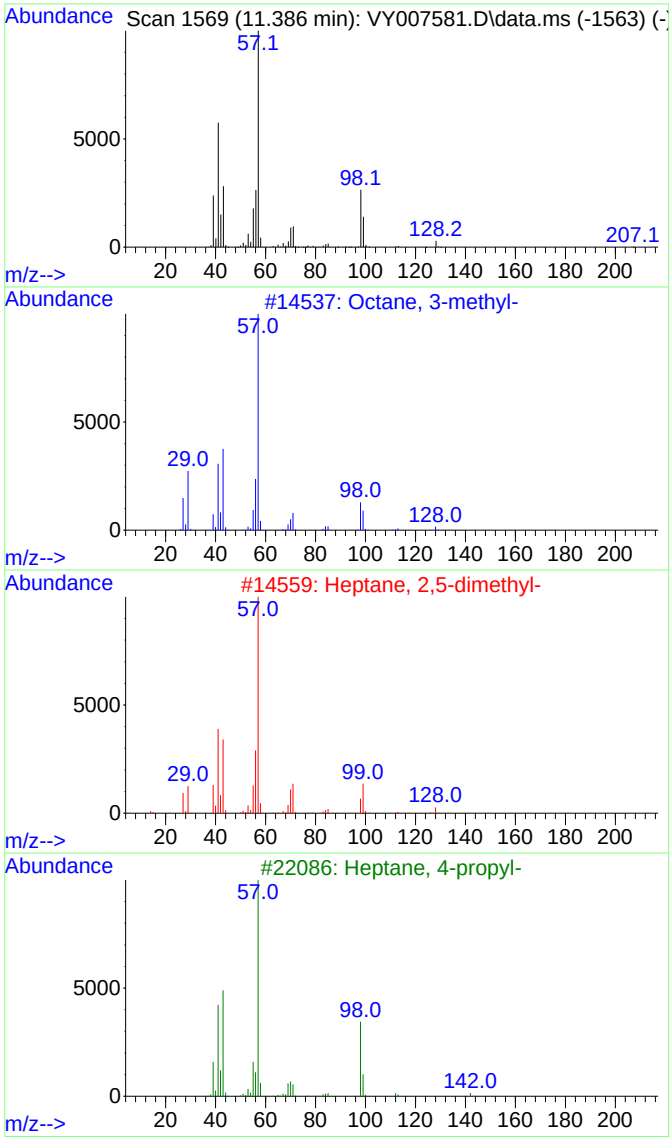
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022122S.M
Quant Title : SW846 8260

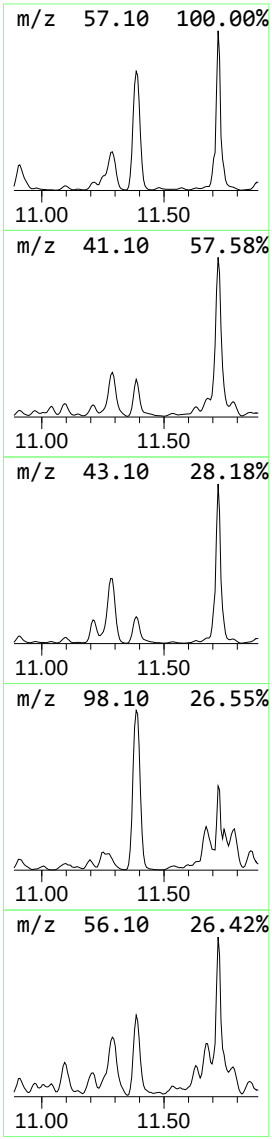
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Octane, 3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.386	154.63 ug/l	5592030	Chlorobenzene-d5	11.490

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3-methyl-	128	C9H20	002216-33-3	80
2	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	74
3	Heptane, 4-propyl-	142	C10H22	003178-29-8	72
4	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	52
5	Undecane, 6-methyl-	170	C12H26	017302-33-9	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022222\
Data File : VY007581.D
Acq On : 22 Feb 2022 14:32
Operator : SY/MD
Sample : N1600-08
Misc : 4.63g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
C0AA9

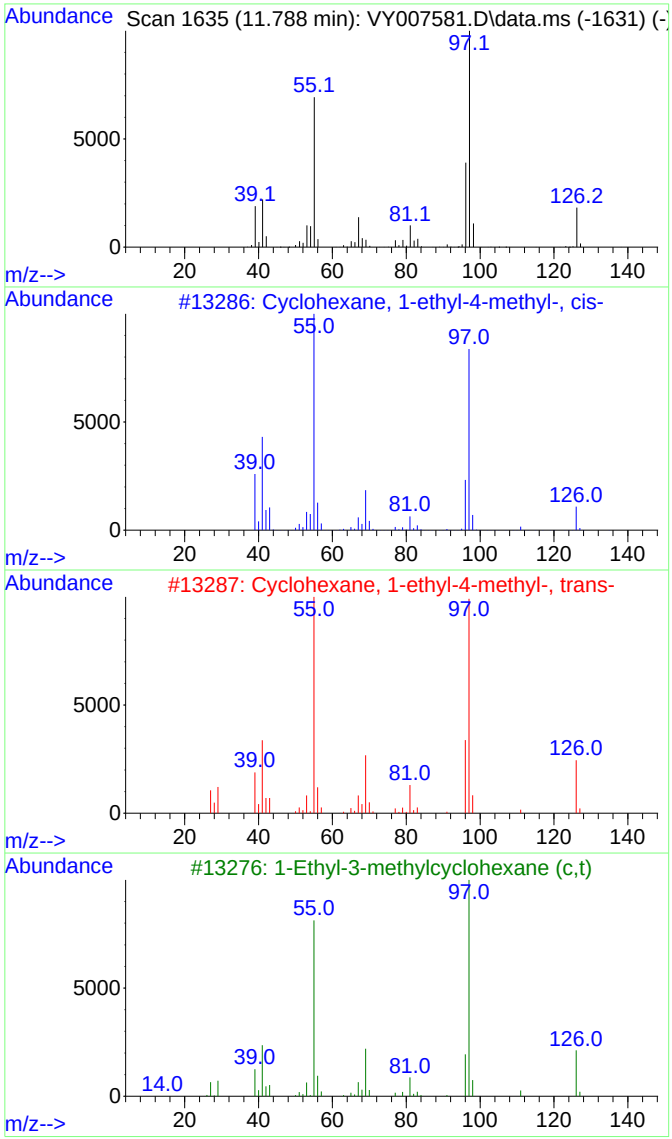
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022122S.M
Quant Title : SW846 8260

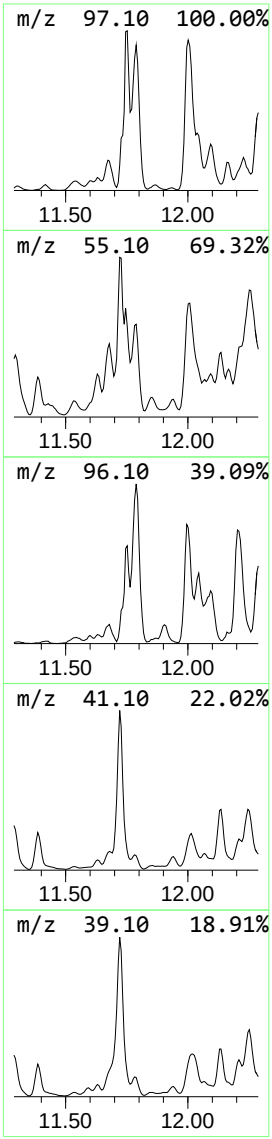
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Cyclohexane, 1-ethyl-4-meth... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.788	93.95 ug/l	3397560	Chlorobenzene-d5	11.490

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	90
2	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	64
3	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	64
4	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	64
5	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022222\
Data File : VY007581.D
Acq On : 22 Feb 2022 14:32
Operator : SY/MD
Sample : N1600-08
Misc : 4.63g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
C0AA9

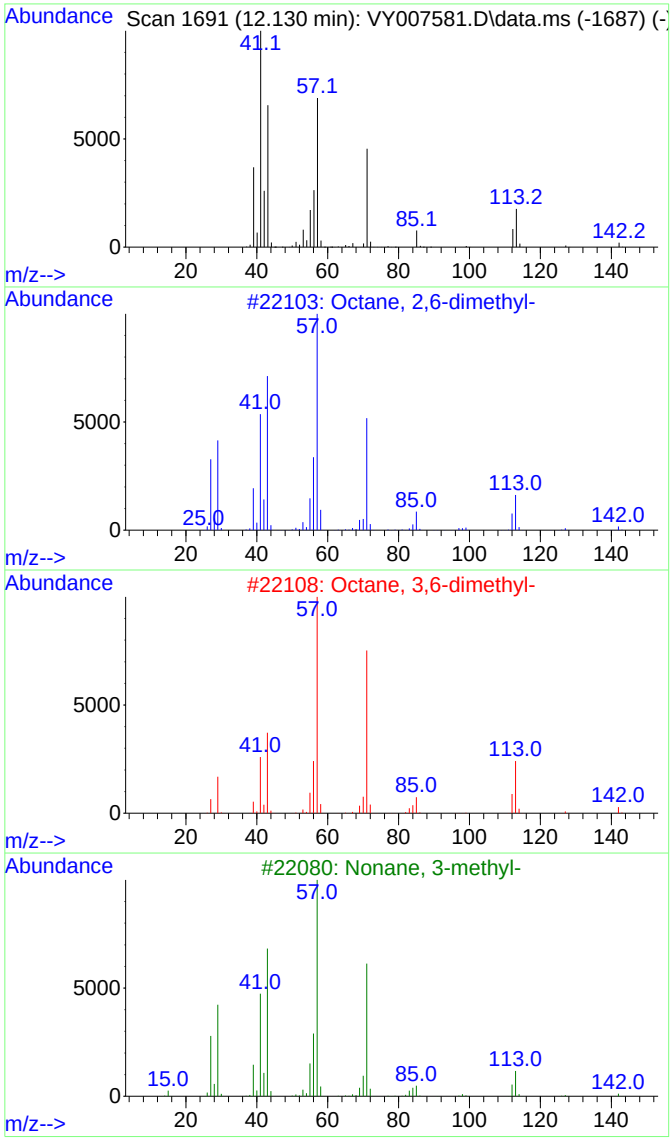
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022122S.M
Quant Title : SW846 8260

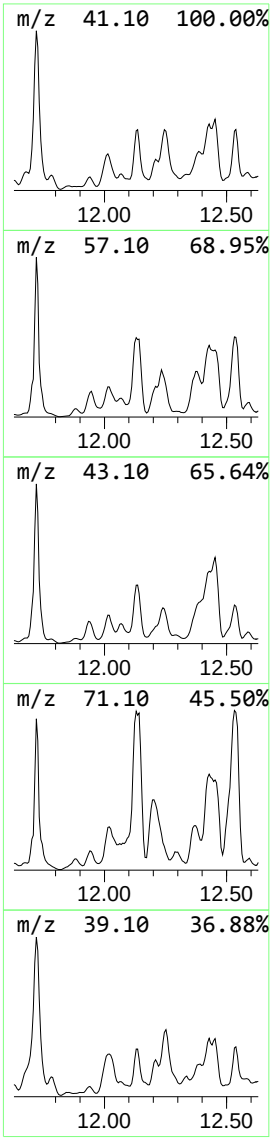
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.130	118.20 ug/l	4274520	Chlorobenzene-d5	11.490

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	58
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	53
4	Octane, 2-iodo-	240	C8H17I	000557-36-8	50
5	Heptanoic acid, 2-methyl-2-butyl...	200	C12H24O2	1000160-11-4	50





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ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
C0AA9

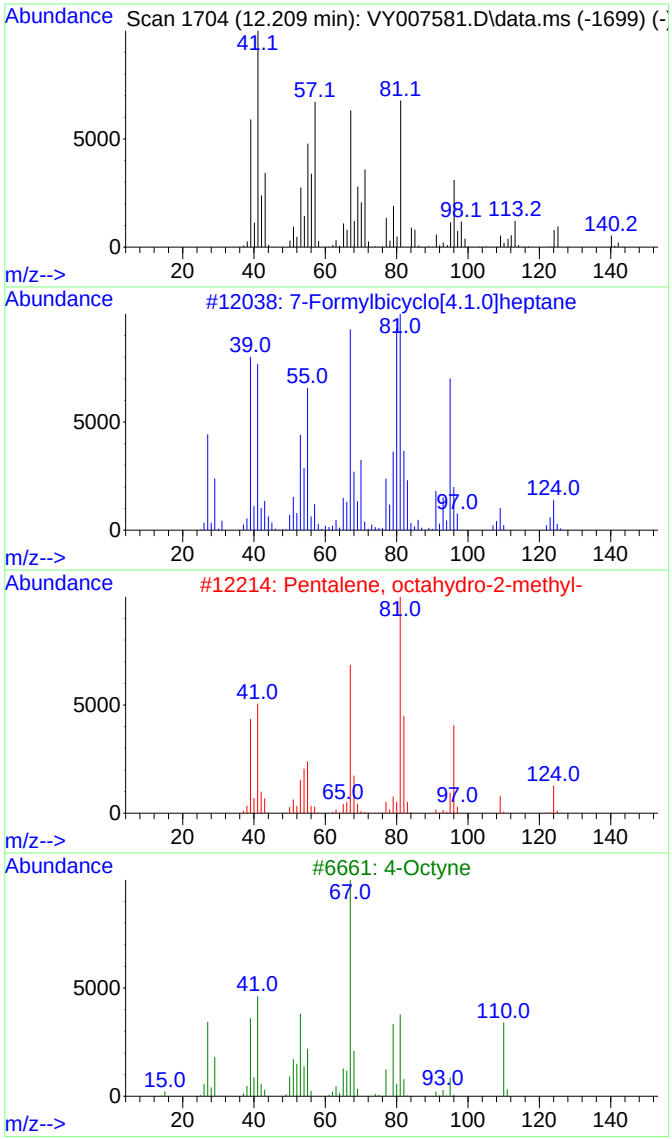
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022122S.M
Quant Title : SW846 8260

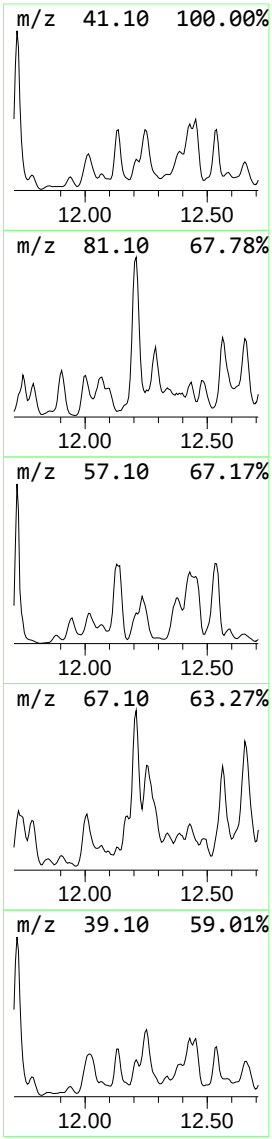
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 7-Formylbicyclo[4.1.0]heptane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.209	86.58 ug/l	3131140	Chlorobenzene-d5	11.490

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Formylbicyclo[4.1.0]heptane	124	C8H12O	1000197-01-8	50
2	Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	38
3	4-Octyne	110	C8H14	001942-45-6	38
4	3-Heptyne	96	C7H12	002586-89-2	38
5	3,4-Heptadiene	96	C7H12	002454-31-1	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022222\
Data File : VY007581.D
Acq On : 22 Feb 2022 14:32
Operator : SY/MD
Sample : N1600-08
Misc : 4.63g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
C0AA9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022122S.M
Quant Title : SW846 8260

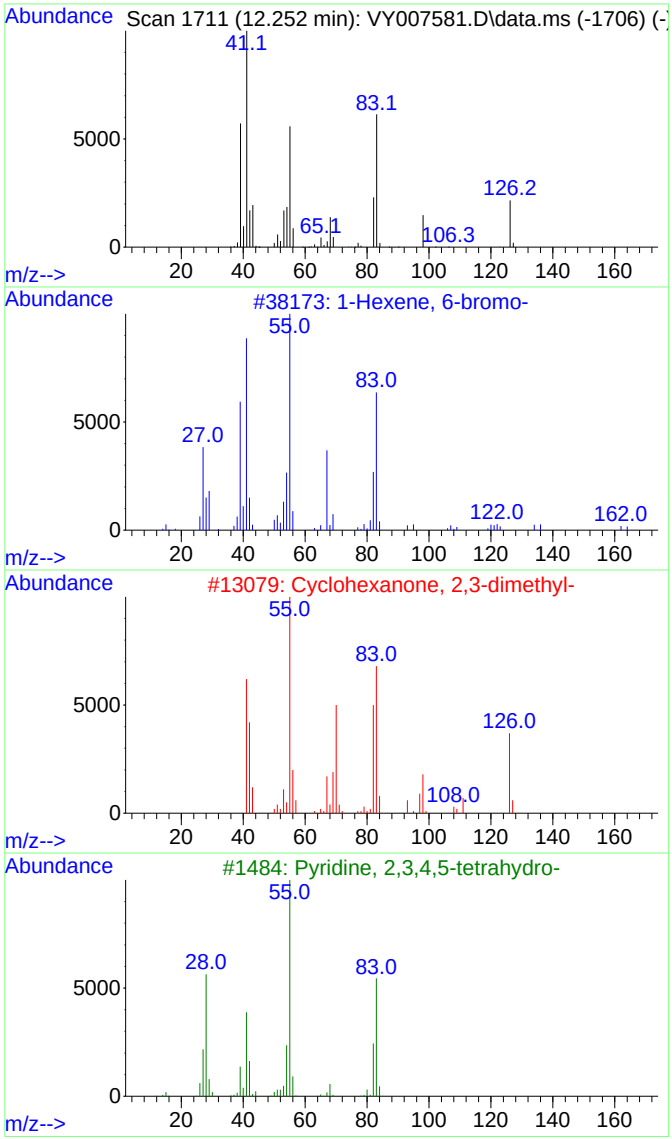
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

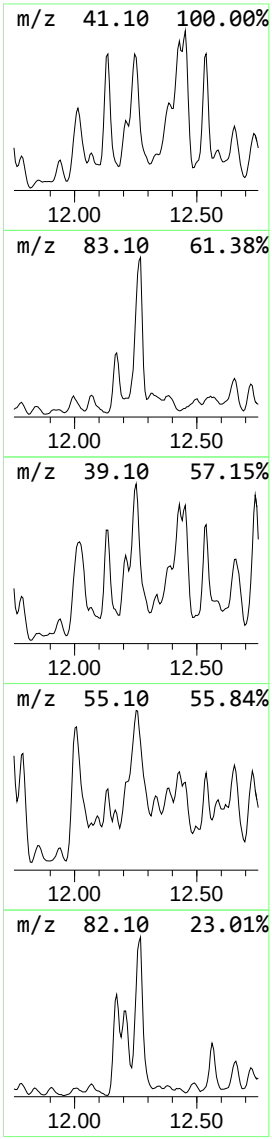
****

Peak Number 7 unknown12.252 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.252	179.64 ug/l	6496480	Chlorobenzene-d5	11.490

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexene, 6-bromo-	162	C6H11Br	002695-47-8	40
2	Cyclohexanone, 2,3-dimethyl-	126	C8H14O	013395-76-1	40
3	Pyridine, 2,3,4,5-tetrahydro-	83	C5H9N	000505-18-0	38
4	2-Hexenal	98	C6H10O	000505-57-7	35
5	2-Hexenal, (E)-	98	C6H10O	006728-26-3	32





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022222\
Data File : VY007581.D
Acq On : 22 Feb 2022 14:32
Operator : SY/MD
Sample : N1600-08
Misc : 4.63g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
C0AA9

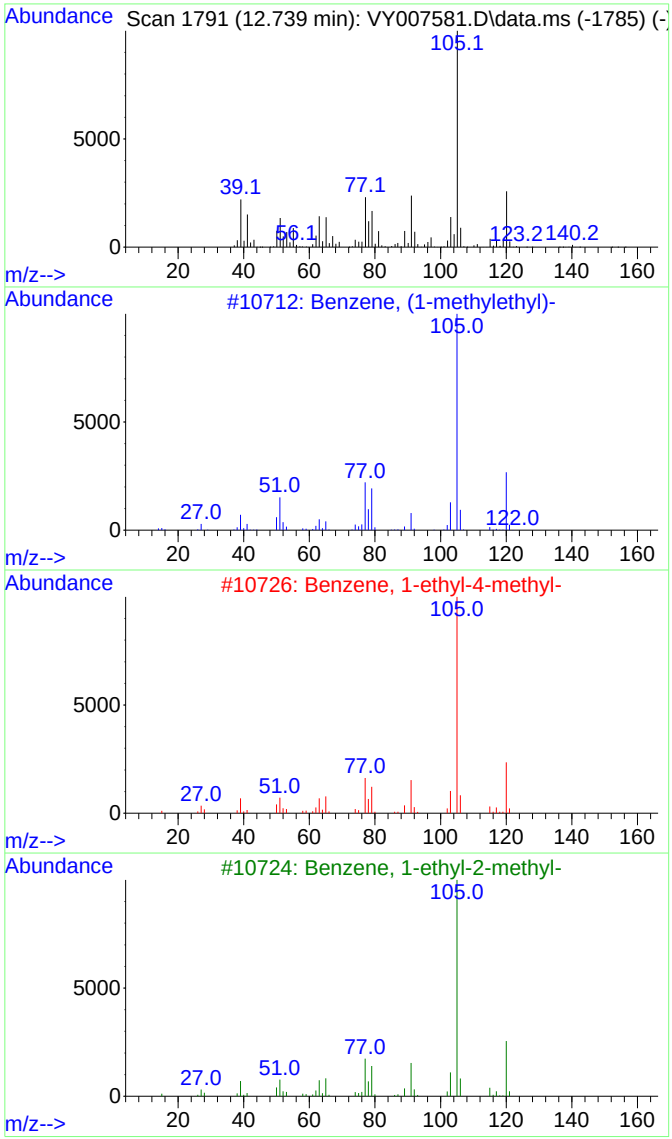
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022122S.M
Quant Title : SW846 8260

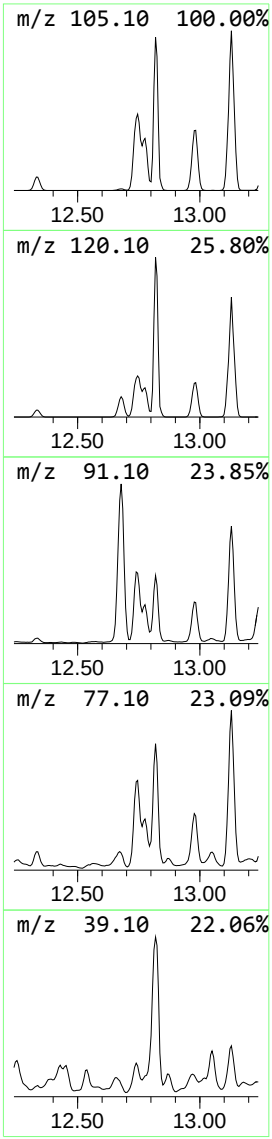
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, (1-methylethyl)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.739	78.14 ug/l	12303300	1,4-Dichlorobenzene-d4	13.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	93
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	93
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022222\
Data File : VY007581.D
Acq On : 22 Feb 2022 14:32
Operator : SY/MD
Sample : N1600-08
Misc : 4.63g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
C0AA9

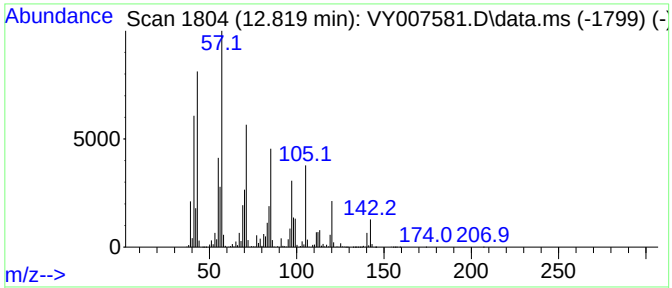
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022122S.M
Quant Title : SW846 8260

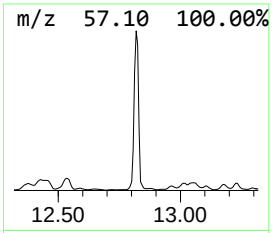
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

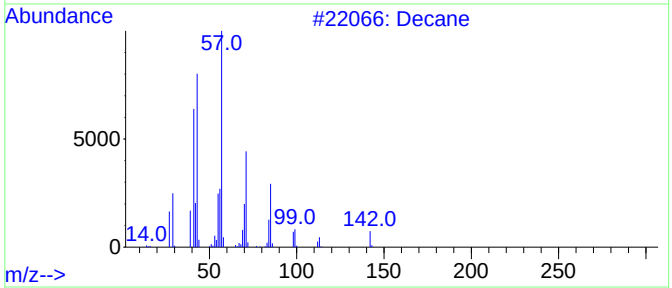
****
Peak Number 9 Decane Concentration Rank 1

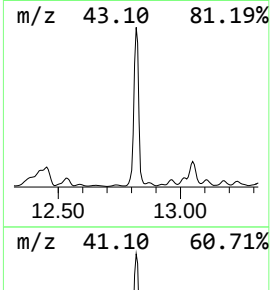
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.819	462.39 ug/l	72808900	1,4-Dichlorobenzene-d4	13.416

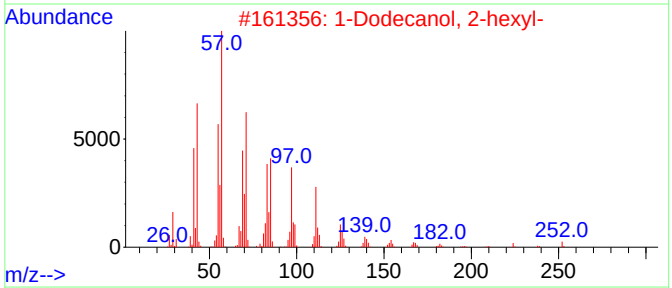
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	92
2	1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	59
3	Decane, 1,1'-oxybis-	298	C20H42O	002456-28-2	58
4	1-Heptanol, 2-propyl-	158	C10H22O	010042-59-8	52
5	Hexadecane	226	C16H34	000544-76-3	43

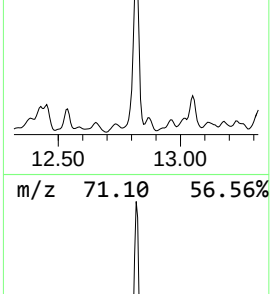


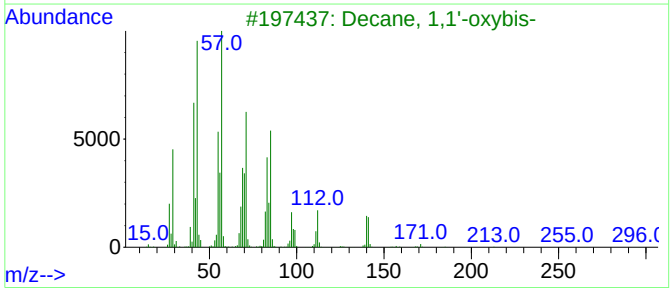












Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022222\
Data File : VY007581.D
Acq On : 22 Feb 2022 14:32
Operator : SY/MD
Sample : N1600-08
Misc : 4.63g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
C0AA9

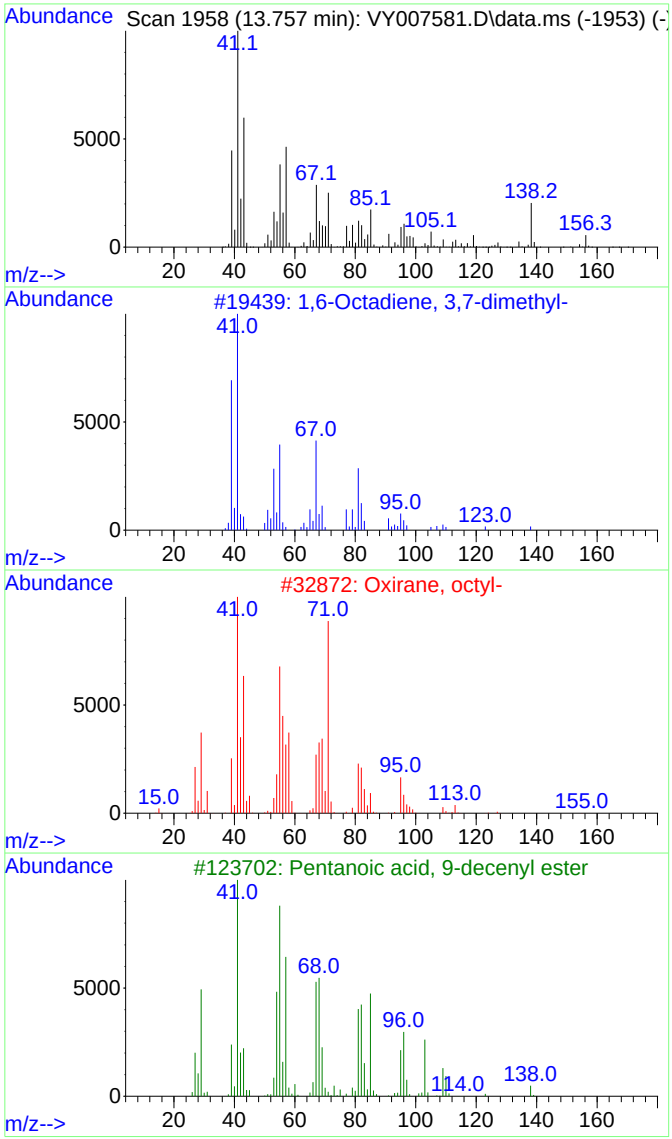
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022122S.M
Quant Title : SW846 8260

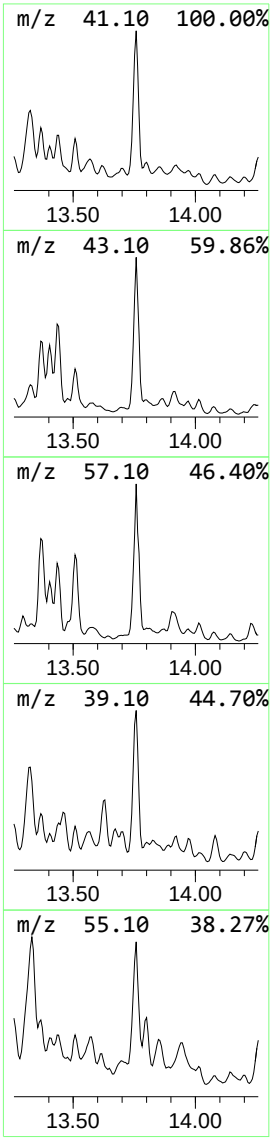
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 unknown13.757 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.757	77.00 ug/l	12125200	1,4-Dichlorobenzene-d4	13.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,6-Octadiene, 3,7-dimethyl-	138	C10H18	002436-90-0	35
2	Oxirane, octyl-	156	C10H20O	002404-44-6	22
3	Pentanoic acid, 9-decenyl ester	240	C15H28O2	1000159-93-3	14
4	Citronellol	156	C10H20O	000106-22-9	11
5	Methylamine, N-(1-ethylpentylide...	127	C8H17N	018641-73-1	11





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022222\
Data File : VY007581.D
Acq On : 22 Feb 2022 14:32
Operator : SY/MD
Sample : N1600-08
Misc : 4.63g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
C0AA9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022122S.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	10.374	88.5	ug/l	3198590	3	11.490	1808170	50.0
Octane, 2-methyl-	11.288	243.3	ug/l	8797530	3	11.490	1808170	50.0
Octane, 3-methyl-	11.386	154.6	ug/l	5592030	3	11.490	1808170	50.0
Cyclohexane, 1-...	11.788	94.0	ug/l	3397560	3	11.490	1808170	50.0
Octane, 2,6-dim...	12.130	118.2	ug/l	4274520	3	11.490	1808170	50.0
7-Formylbicyclo...	12.209	86.6	ug/l	3131140	3	11.490	1808170	50.0
unknown12.252	12.252	179.6	ug/l	6496480	3	11.490	1808170	50.0
Benzene, (1-met...	12.739	78.1	ug/l	12303300	4	13.416	7873100	50.0
Decane	12.819	462.4	ug/l	72808900	4	13.416	7873100	50.0
unknown13.757	13.757	77.0	ug/l	12125200	4	13.416	7873100	50.0