LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033021\
Data File : VY004227.D
Acq On : 30 Mar 2021 12:09
Operator : SY/MD
Sample : M1836-09
Misc : 7.57g/5mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : B4-8-10

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\82Y032921S.M
Title : SW846 8260

Signal : TIC: VY004227.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.076	35	42	60	rBV	19078368	35880662	8.90%	0.625%
2	2.241	60	69	71	rBV3	21155174	44394074	11.01%	0.773%
3	2.339	82	85	99	rVB	6676432	14905076	3.70%	0.259%
4	2.461	99	105	145	rVB	3527587	8210013	2.04%	0.143%
5	2.759	145	154	168	rBV	3007945	8636254	2.14%	0.150%
6	2.881	169	174	176	rBV2	29390712	50526257	12.53%	0.880%
7	3.174	216	222	228	rBV	9018535	22711077	5.63%	0.395%
8	3.259	228	236	241	rBV4	23616619	93688013	23.24%	1.631%
9	3.448	259	267	285	rVB	24594424	110208098	27.33%	1.919%
10	3.613	286	294	301	rBV	15738562	51117573	12.68%	0.890%
11	3.692	301	307	310	rBV4	19337490	47859529	11.87%	0.833%
12	3.966	339	352	438	rVB	13188204	79838522	19.80%	1.390%
13	4.613	440	458	465	rBV2	11672318	51648549	12.81%	0.899%
14	4.728	466	477	480	rBV3	19290234	69991430	17.36%	1.218%
15	5.289	545	569	606	rBV6	34244804	350537056	86.94%	6.102%
16	5.606	607	621	637	rBV4	12533513	66907793	16.59%	1.165%
17	5.771	637	648	650	rBV	25846435	67673145	16.78%	1.178%
18	5.960	670	679	688	rBV	7734213	32117941	7.97%	0.559%
19	6.131	689	707	722	rVB4	20421939	144928341	35.94%	2.523%
20	6.283	723	732	743	rBV	8606796	37719885	9.36%	0.657%
21	6.588	769	782	795	rBV	18730367	97440316	24.17%	1.696%
22	6.795	795	816	820	rBV4	24910515	174596716	43.30%	3.039%
23	7.386	900	913	922	rBV4	1240962	6086499	1.51%	0.106%
24	7.563	923	942	970	rBV	26872275	158612330	39.34%	2.761%
25	7.832	970	986	995	rBV4	31926233	212559647	52.72%	3.700%
26	8.075	1014	1026	1037	rVB3	22886449	130649931	32.40%	2.274%
27	8.197	1037	1046	1057	rVB2	29778941	129482246	32.11%	2.254%
28	8.368	1057	1074	1080	rBV5	32426185	184669639	45.80%	3.215%
29	8.612	1103	1114	1125	rVB3	32377396	143972901	35.71%	2.506%
30	8.734	1125	1134	1154	rBV6	29221258	157874626	39.15%	2.748%
31	8.892	1154	1160	1167	rVB	6257240	16506545	4.09%	0.287%
32	8.996	1167	1177	1197	rVB6	15197663	70455780	17.47%	1.227%
33	9.228	1197	1215	1235	rBV9	46585397	403204824	100.00%	7.019%
34	9.502	1253	1260	1270	rVB5	5650753	17782589	4.41%	0.310%
35	9.673	1275	1288	1299	rBV5	36255572	244836005	60.72%	4.262%
36	9.788	1300	1307	1312	rBV7	21819458	73339001	18.19%	1.277%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033021\
Data File : VY004227.D
Acq On : 30 Mar 2021 12:09
Operator : SY/MD
Sample : M1836-09
Misc : 7.57g/5mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : B4-8-10

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\82Y032921S.M
Title : SW846 8260

37	10.014	1333	1344	1354	rBV6	23757352	112334741	27.86%	1.956%
38	10.197	1362	1374	1379	rBV2	24057811	84174421	20.88%	1.465%
39	10.252	1379	1383	1391	rBV7	26874536	92183929	22.86%	1.605%
40	10.404	1402	1408	1415	rVB4	30729258	81665045	20.25%	1.422%
41	10.557	1428	1433	1440	rBV4	6013349	14855025	3.68%	0.259%
42	10.654	1440	1449	1458	rVB6	19407053	68427316	16.97%	1.191%
43	10.733	1458	1462	1470	rVB3	6986990	17206874	4.27%	0.300%
44	10.831	1470	1478	1484	rBV2	7597803	22357227	5.54%	0.389%
45	10.935	1488	1495	1504	rBV	9037957	27745543	6.88%	0.483%
46	11.319	1549	1558	1568	rVB7	15346142	65682883	16.29%	1.143%
47	11.447	1568	1579	1585	rVB	9313396	34444224	8.54%	0.600%
48	11.550	1586	1596	1599	rBV2	7691721	21457816	5.32%	0.374%
49	11.605	1599	1605	1612	rBV5	36433316	142076626	35.24%	2.473%
50	11.715	1619	1623	1631	rBV5	19715628	54457032	13.51%	0.948%
51	11.983	1653	1667	1670	rBV4	6727952	18697349	4.64%	0.325%
52	12.050	1670	1678	1682	rBV5	46755826	125328429	31.08%	2.182%
53	12.136	1690	1692	1697	rVB2	7484612	10585902	2.63%	0.184%
54	12.227	1697	1707	1710	rBV6	5241435	14357077	3.56%	0.250%
55	12.349	1721	1727	1733	rBV	30235555	60953153	15.12%	1.061%
56	12.477	1742	1748	1755	rVB2	18214615	40994431	10.17%	0.714%
57	12.544	1755	1759	1763	rBV	3296097	5090468	1.26%	0.089%
58	12.690	1771	1783	1788	rBV3	38157375	101966788	25.29%	1.775%
59	12.757	1788	1794	1798	rBV5	43159964	133873163	33.20%	2.330%
60	12.831	1803	1806	1824	rVB2	50724811	106608192	26.44%	1.856%
61	12.989	1824	1832	1839	rBV2	45668503	94002689	23.31%	1.636%
62	13.081	1839	1847	1850	rBV	8667080	14283398	3.54%	0.249%
63	13.129	1850	1855	1857	rBV3	48891316	85987314	21.33%	1.497%
64	13.288	1868	1881	1885	rBV3	10801013	32458749	8.05%	0.565%
65	13.318	1885	1886	1891	rVV	6486253	7296284	1.81%	0.127%
66	13.373	1891	1895	1897	rVV2	2889921	4827408	1.20%	0.084%
67	13.465	1903	1910	1924	rVB2	40233956	93843885	23.27%	1.634%
68	13.599	1926	1932	1933	rBV	10364416	14197823	3.52%	0.247%
69	13.629	1933	1937	1941	rVV2	39767998	78585034	19.49%	1.368%
70	13.672	1941	1944	1954	rVV3	25497112	49043062	12.16%	0.854%
71	13.757	1954	1958	1964	rVV2	3795950	6206877	1.54%	0.108%
72	13.824	1964	1969	1974	rVB	8023819	12986356	3.22%	0.226%
73	13.885	1974	1979	1982	rBV	12791621	20891460	5.18%	0.364%
74	13.916	1982	1984	1989	rVV	11757543	15857532	3.93%	0.276%
75	13.977	1989	1994	1999	rVV	19663311	29982917	7.44%	0.522%
76	14.080	2007	2011	2017	rVB2	9729710	15301843	3.80%	0.266%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033021\
Data File : VY004227.D
Acq On : 30 Mar 2021 12:09
Operator : SY/MD
Sample : M1836-09
Misc : 7.57g/5mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : B4-8-10

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\82Y032921S.M
Title : SW846 8260

77	14.215	2028	2033	2039	rBV	4254099	6580644	1.63%	0.115%
78	14.300	2039	2047	2050	rBV	9631833	15988955	3.97%	0.278%
79	14.336	2050	2053	2057	rVV	12705557	17343542	4.30%	0.302%
80	14.385	2057	2061	2064	rVV2	3899970	5731216	1.42%	0.100%
81	14.568	2086	2091	2095	rVV	7054047	11574310	2.87%	0.201%
82	14.611	2095	2098	2103	rVB2	2941601	4197699	1.04%	0.073%
83	14.684	2103	2110	2116	rBV3	9865371	21398291	5.31%	0.373%
84	15.056	2165	2171	2181	rVB2	1920299	4126226	1.02%	0.072%
85	15.239	2190	2201	2207	rVB	6955311	12656973	3.14%	0.220%

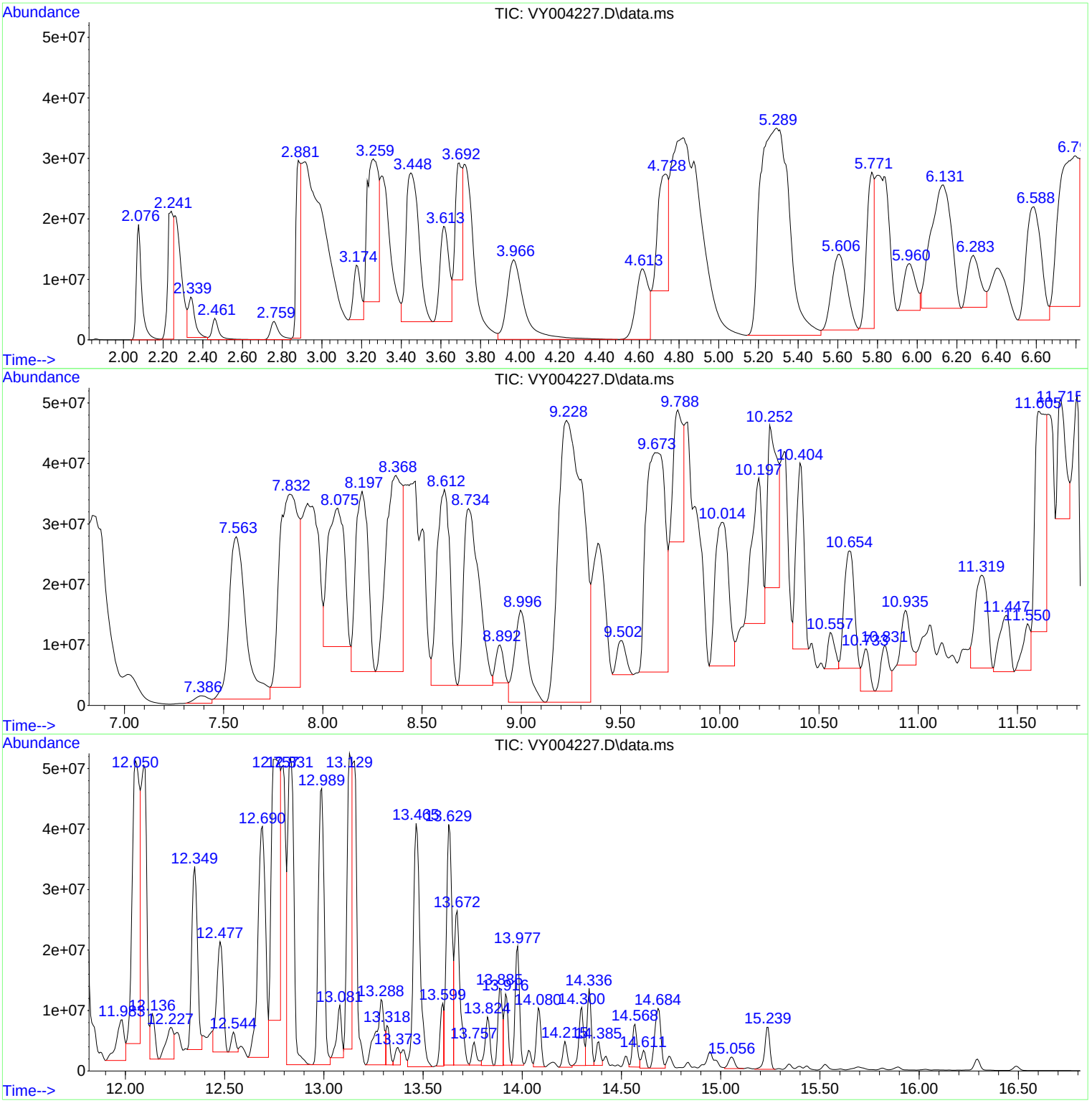
Sum of corrected areas: 5744443024

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033021\
Data File : VY004227.D
Acq On : 30 Mar 2021 12:09
Operator : SY/MD
Sample : M1836-09
Misc : 7.57g/5mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B4-8-10

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032921S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033021\
Data File : VY004227.D
Acq On : 30 Mar 2021 12:09
Operator : SY/MD
Sample : M1836-09
Misc : 7.57g/5mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B4-8-10

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032921S.M
Quant Title : SW846 8260

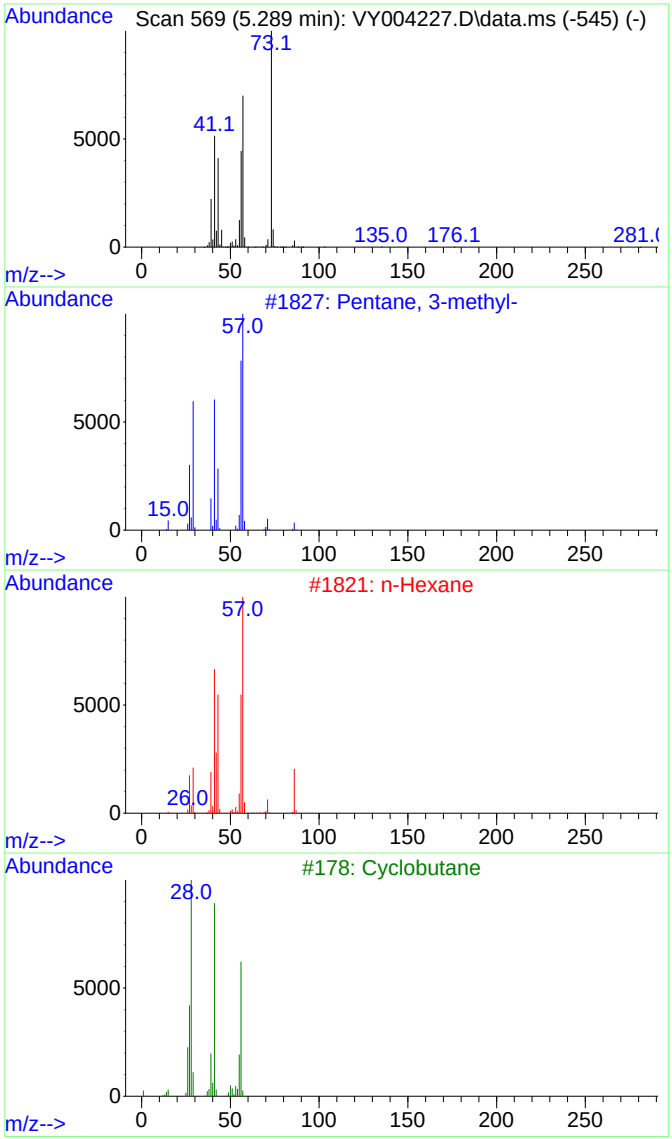
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

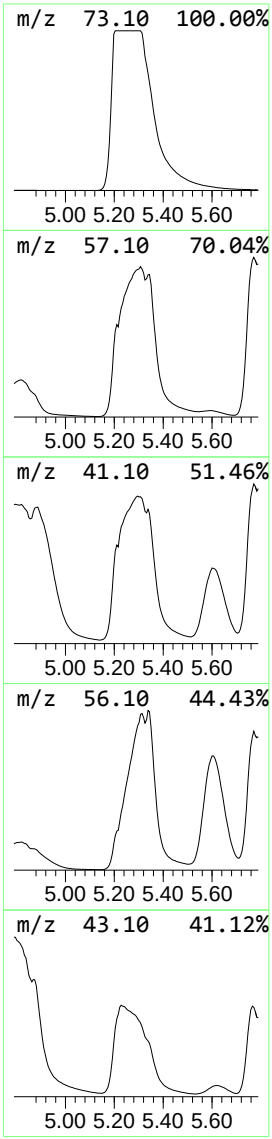
****

Peak Number 1 Pentane, 3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.289	82.46 ug/l	350537000	Pentafluorobenzene	7.832

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	50
2	n-Hexane	86	C6H14	000110-54-3	40
3	Cyclobutane	56	C4H8	000287-23-0	35
4	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	25
5	1-Hexene	84	C6H12	000592-41-6	17





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033021\
Data File : VY004227.D
Acq On : 30 Mar 2021 12:09
Operator : SY/MD
Sample : M1836-09
Misc : 7.57g/5mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : B4-8-10

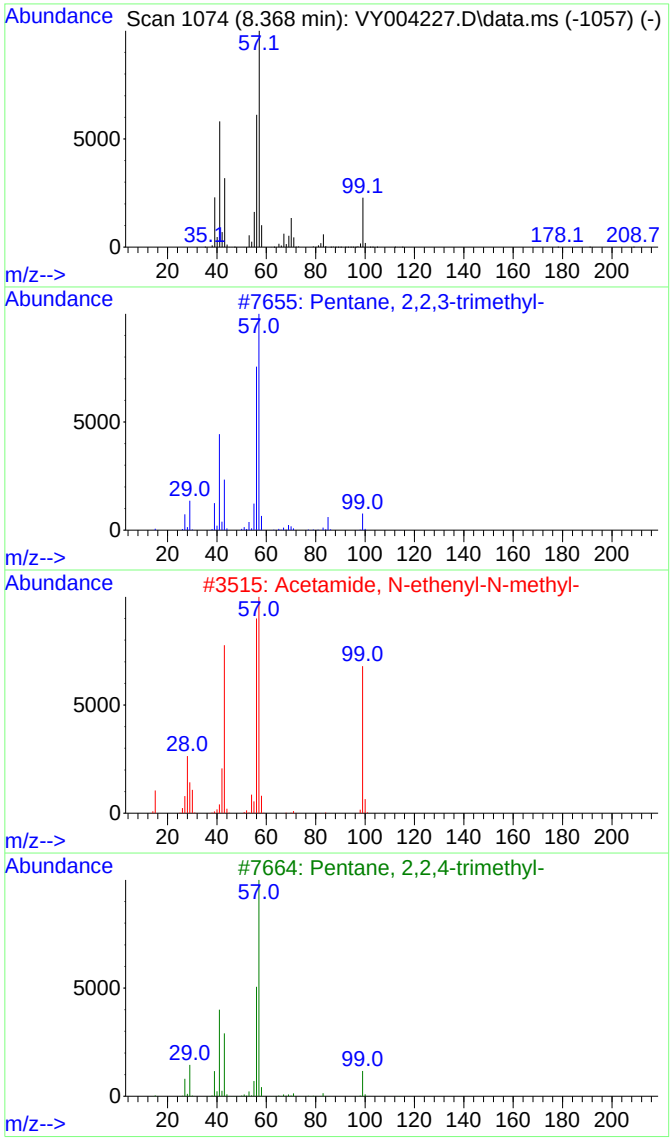
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032921S.M
Quant Title : SW846 8260

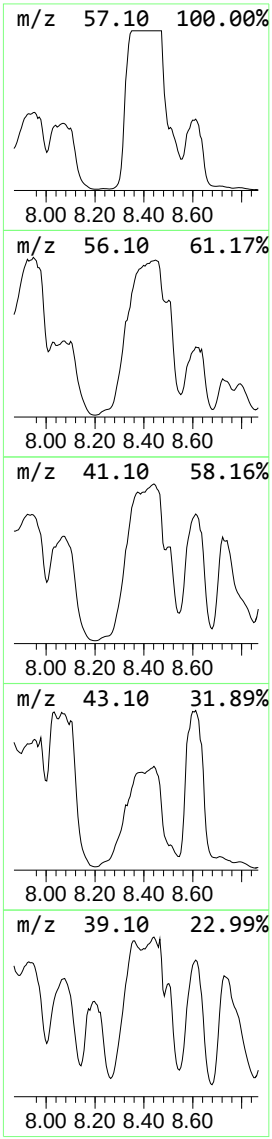
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Pentane, 2,2,3-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.368	58.49 ug/l	184670000	1,4-Difluorobenzene	8.716

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,2,3-trimethyl-	114	C8H18	000564-02-3	64
2	Acetamide, N-ethenyl-N-methyl-	99	C5H9NO	003195-78-6	50
3	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	50
4	1-Hexene, 5-methyl-	98	C7H14	003524-73-0	43
5	Pentanal, 3-methyl-	100	C6H12O	015877-57-3	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033021\
Data File : VY004227.D
Acq On : 30 Mar 2021 12:09
Operator : SY/MD
Sample : M1836-09
Misc : 7.57g/5mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : B4-8-10

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032921S.M
Quant Title : SW846 8260

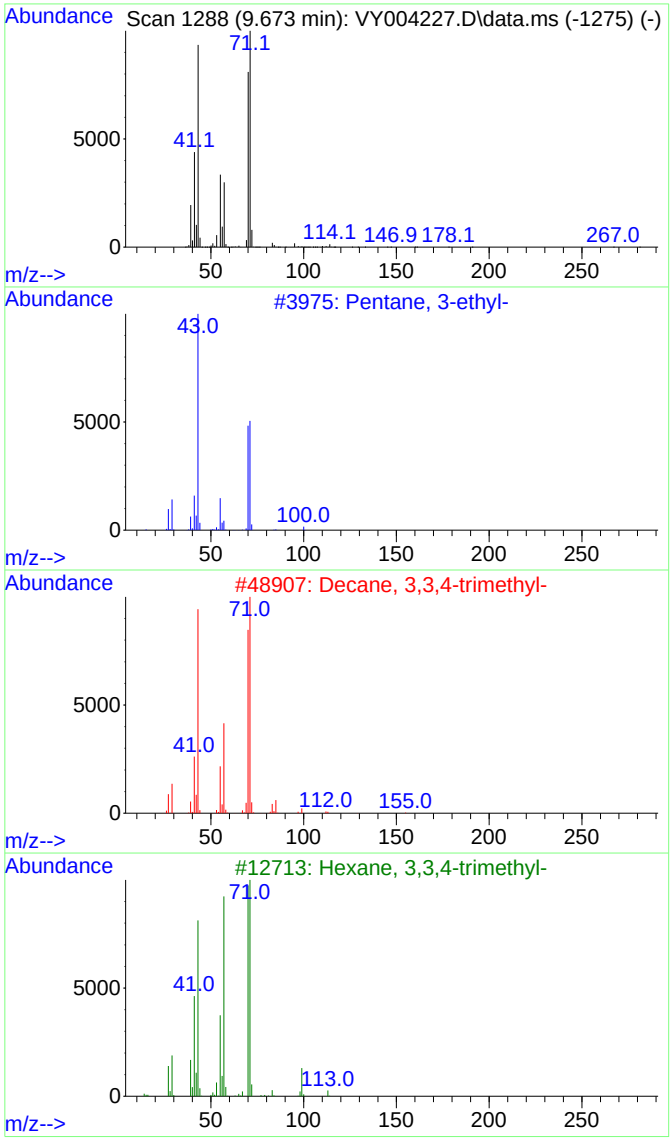
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

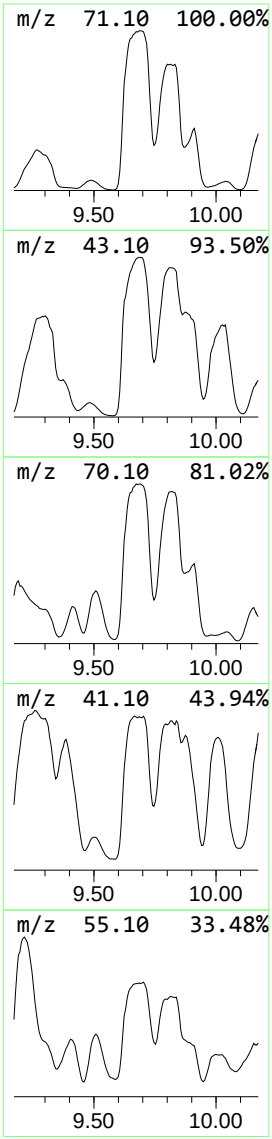
****

Peak Number 3 Pentane, 3-ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.673	77.54 ug/l	244836000	1,4-Difluorobenzene	8.716

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-ethyl-	100	C7H16	000617-78-7	83
2	Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	78
3	Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	74
4	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	74
5	3,3-Dimethyl-2-pentanol	116	C7H16O	019781-24-9	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033021\
Data File : VY004227.D
Acq On : 30 Mar 2021 12:09
Operator : SY/MD
Sample : M1836-09
Misc : 7.57g/5mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B4-8-10

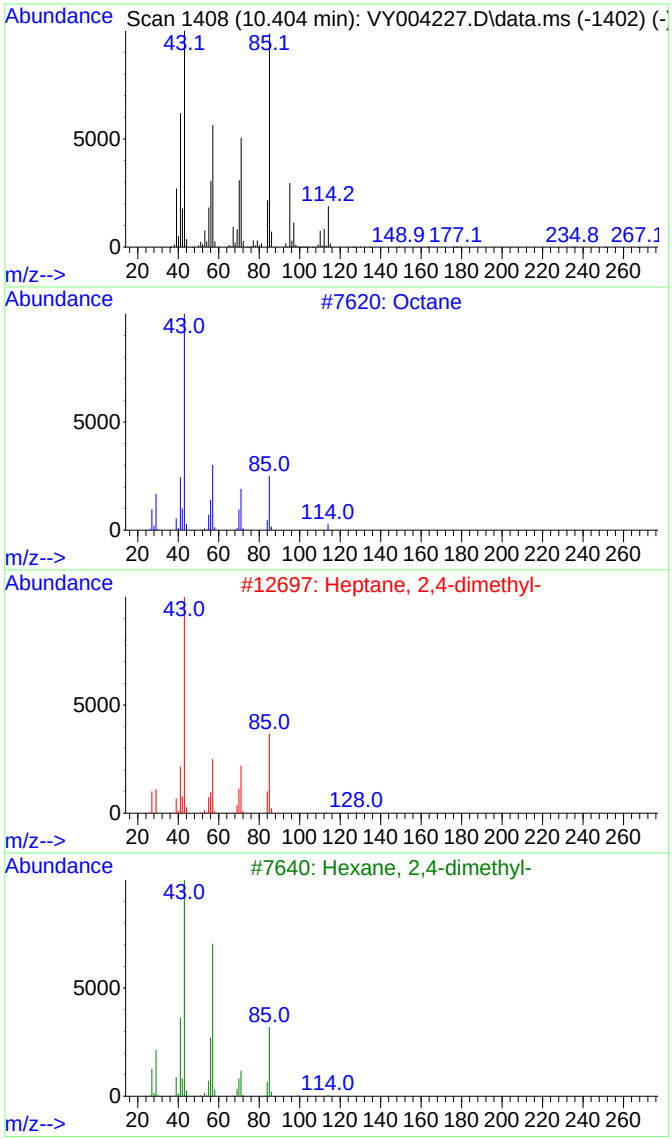
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032921S.M
Quant Title : SW846 8260

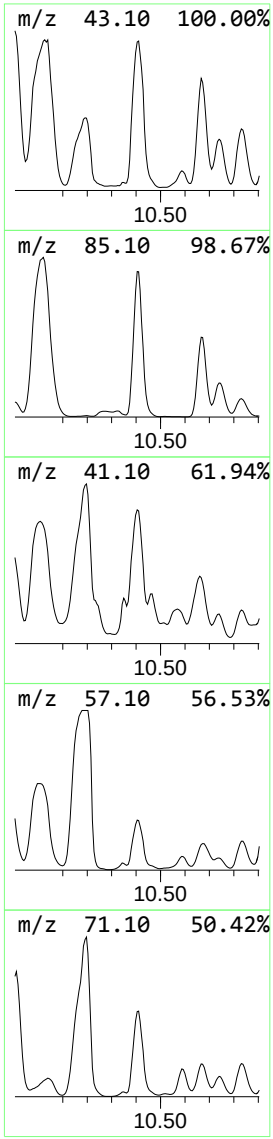
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Octane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.404	190.29 ug/l	81665000	Chlorobenzene-d5	11.514

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	59
3	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	47
4	Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	47
5	Oxalic acid, diisohexyl ester	258	C14H26O4	1000309-32-9	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033021\
Data File : VY004227.D
Acq On : 30 Mar 2021 12:09
Operator : SY/MD
Sample : M1836-09
Misc : 7.57g/5mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B4-8-10

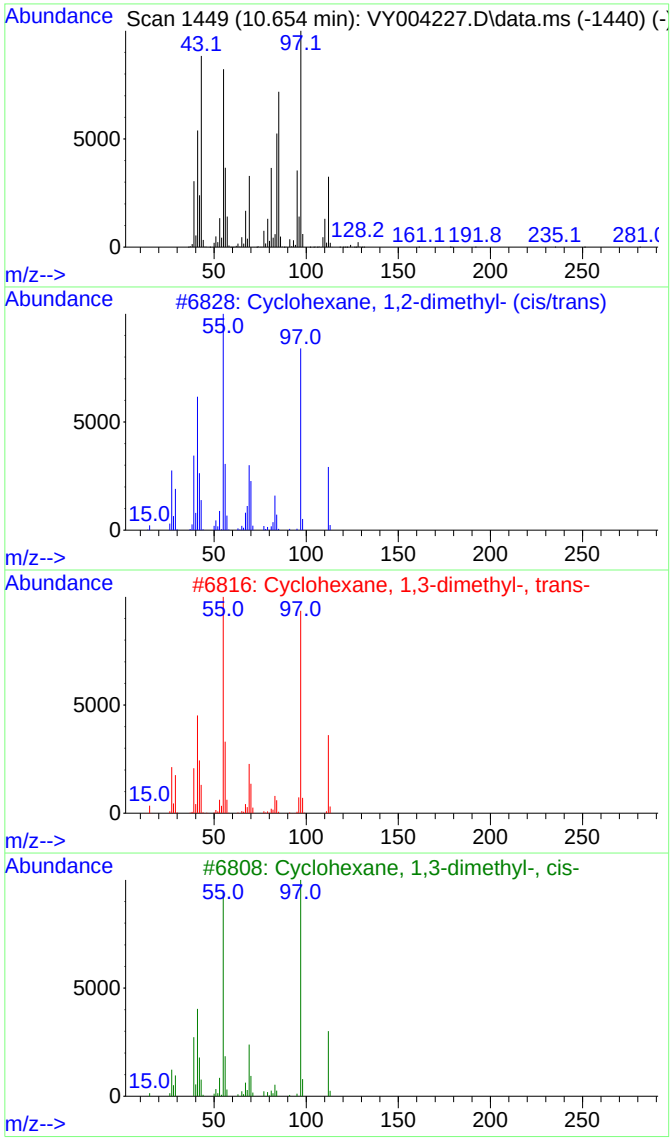
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032921S.M
Quant Title : SW846 8260

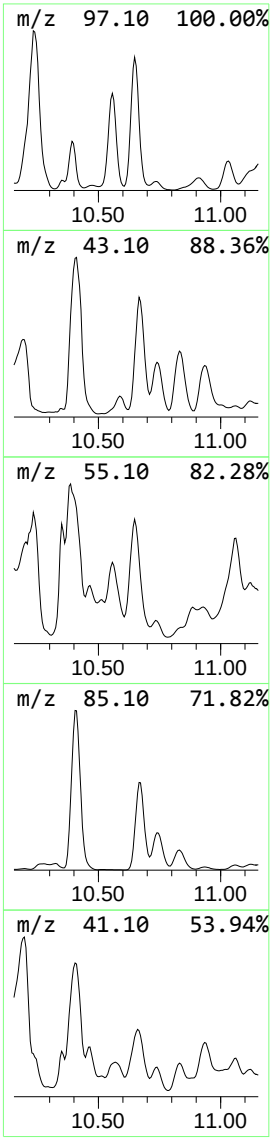
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 unknown10.654 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.654	159.45 ug/l	68427300	Chlorobenzene-d5	11.514

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	49
2	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	47
3	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	43
4	2-Oxepanone, 7-butyl-	170	C10H18O2	005579-78-2	35
5	1H-Pyrazol-4-amine, 3-methyl-	97	C4H7N3	1000338-28-2	30





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033021\
Data File : VY004227.D
Acq On : 30 Mar 2021 12:09
Operator : SY/MD
Sample : M1836-09
Misc : 7.57g/5mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : B4-8-10

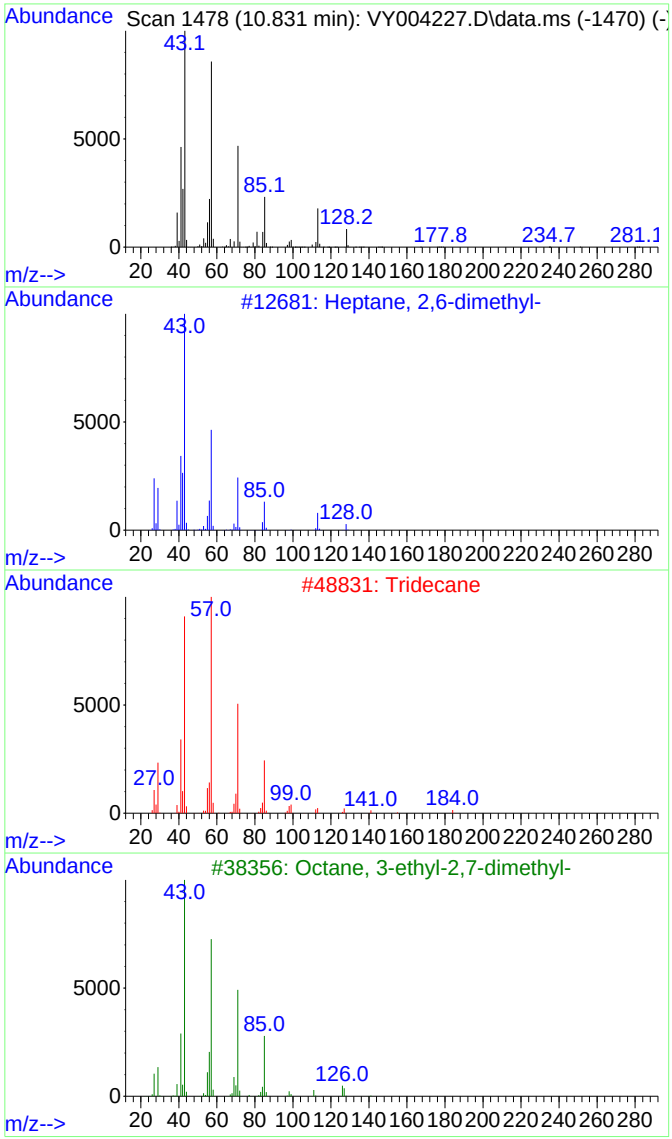
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032921S.M
Quant Title : SW846 8260

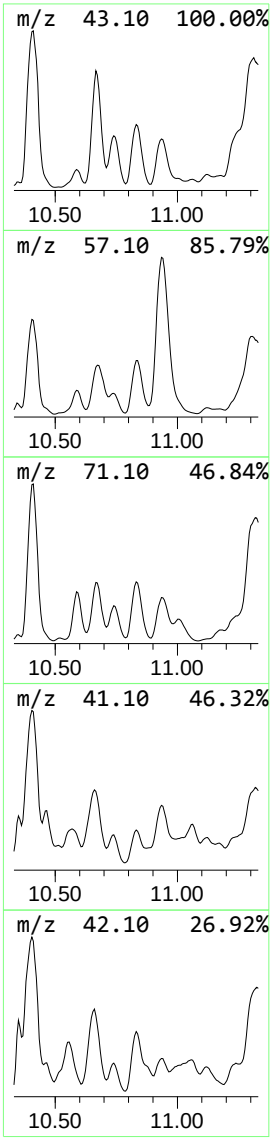
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Heptane, 2,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.831	52.10 ug/l	22357200	Chlorobenzene-d5	11.514

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	68
2	Tridecane	184	C13H28	000629-50-5	59
3	Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	59
4	Nonane	128	C9H20	000111-84-2	58
5	3-Ethyl-3-methylheptane	142	C10H22	017302-01-1	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033021\
Data File : VY004227.D
Acq On : 30 Mar 2021 12:09
Operator : SY/MD
Sample : M1836-09
Misc : 7.57g/5mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B4-8-10

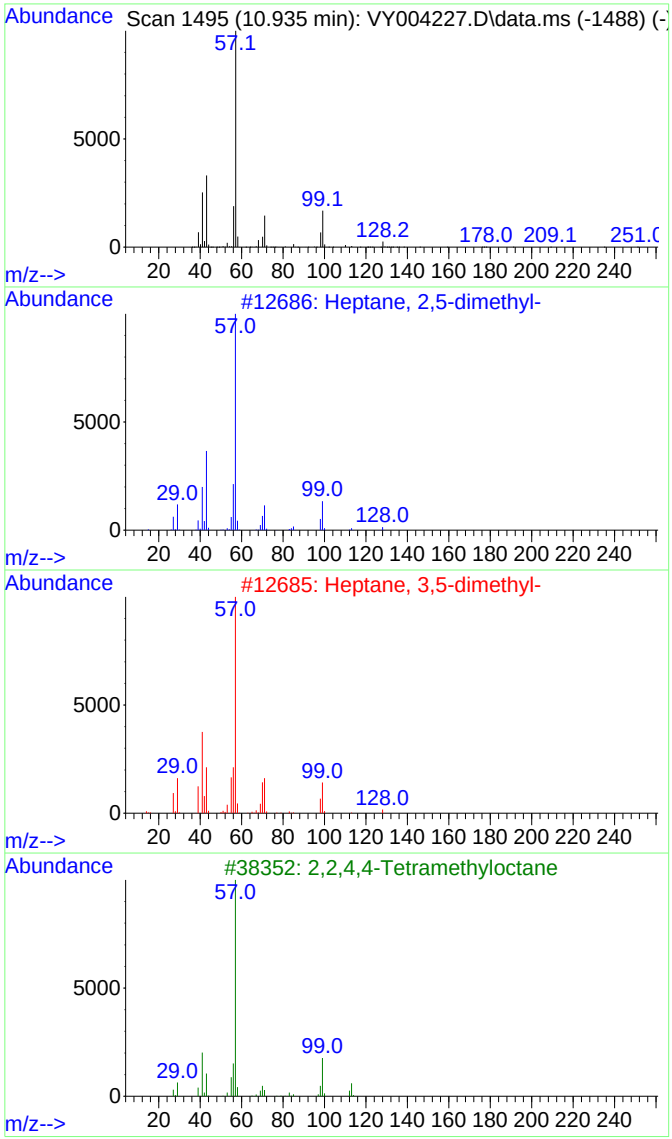
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032921S.M
Quant Title : SW846 8260

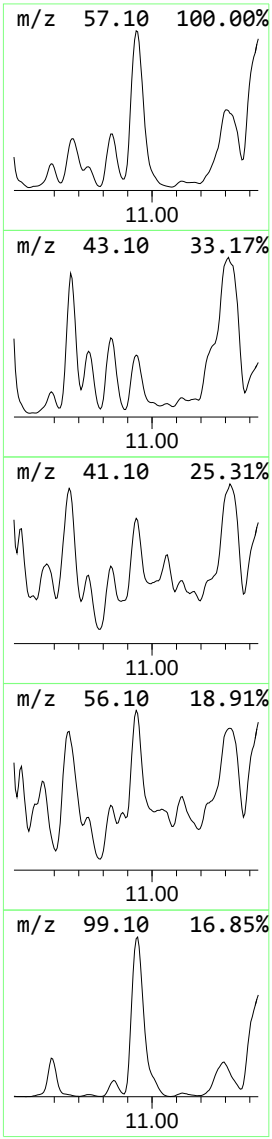
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Heptane, 2,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.935	64.65 ug/l	27745500	Chlorobenzene-d5	11.514

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	78
2	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	72
3	2,2,4,4-Tetramethyloctane	170	C12H26	062183-79-3	64
4	Octane, 3-methyl-	128	C9H20	002216-33-3	59
5	Heptane, 2,3,5-trimethyl-	142	C10H22	020278-85-7	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033021\
Data File : VY004227.D
Acq On : 30 Mar 2021 12:09
Operator : SY/MD
Sample : M1836-09
Misc : 7.57g/5mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B4-8-10

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032921S.M
Quant Title : SW846 8260

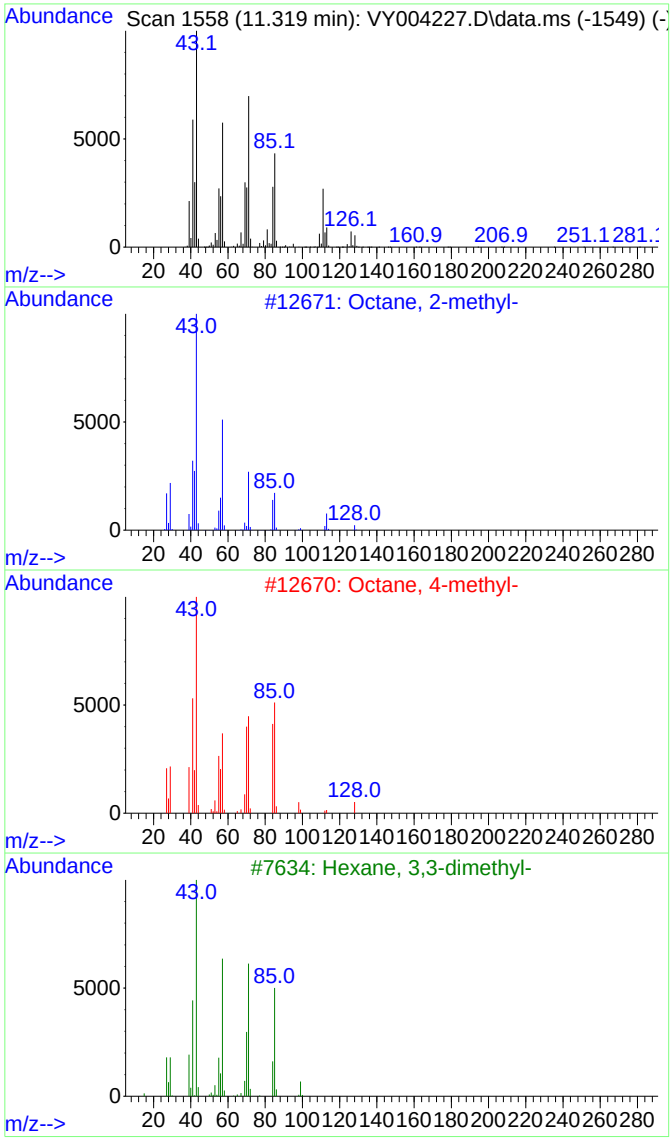
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

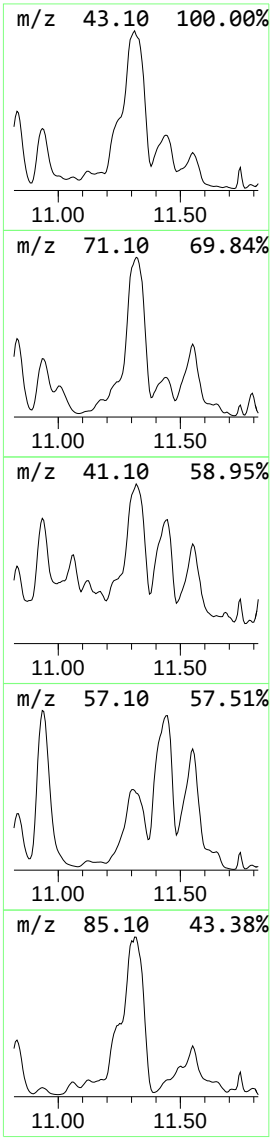
****

Peak Number 8 Octane, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.319	153.05 ug/l	65682900	Chlorobenzene-d5	11.514

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2-methyl-	128	C9H20	003221-61-2	62
2	Octane, 4-methyl-	128	C9H20	002216-34-4	49
3	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	47
4	2,3-Dimethyldecane	170	C12H26	017312-44-6	47
5	Hexane, 3-ethyl-	114	C8H18	000619-99-8	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033021\
Data File : VY004227.D
Acq On : 30 Mar 2021 12:09
Operator : SY/MD
Sample : M1836-09
Misc : 7.57g/5mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : B4-8-10

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032921S.M
Quant Title : SW846 8260

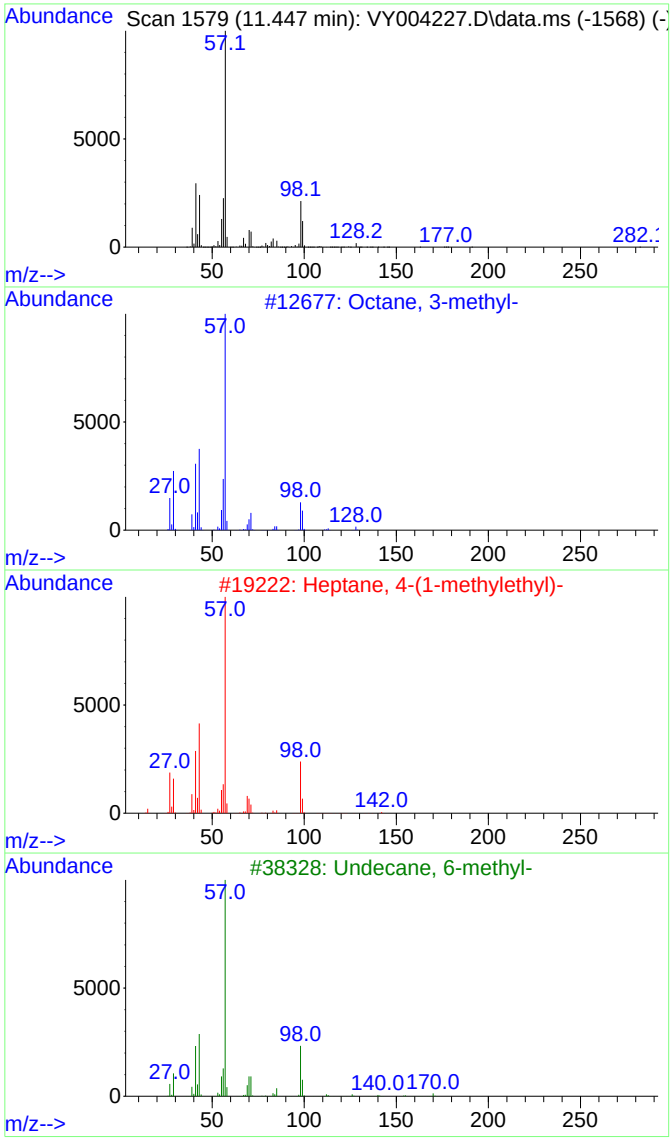
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

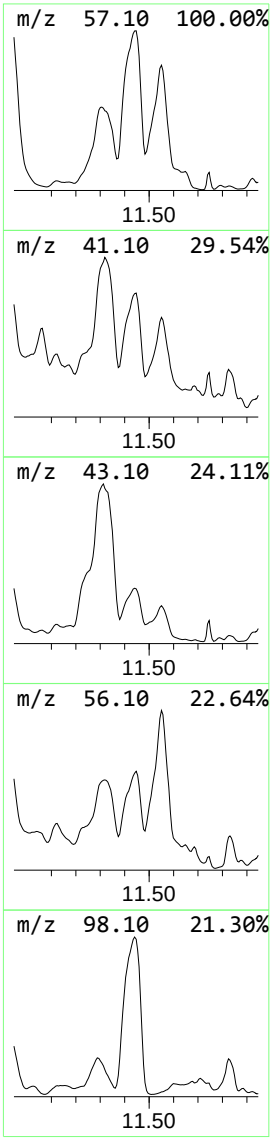
****

Peak Number 9 Octane, 3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.447	80.26 ug/l	34444200	Chlorobenzene-d5	11.514

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3-methyl-	128	C9H20	002216-33-3	72
2	Heptane, 4-(1-methylethyl)-	142	C10H22	052896-87-4	64
3	Undecane, 6-methyl-	170	C12H26	017302-33-9	59
4	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	52
5	Heptane, 3-ethyl-	128	C9H20	015869-80-4	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033021\
Data File : VY004227.D
Acq On : 30 Mar 2021 12:09
Operator : SY/MD
Sample : M1836-09
Misc : 7.57g/5mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B4-8-10

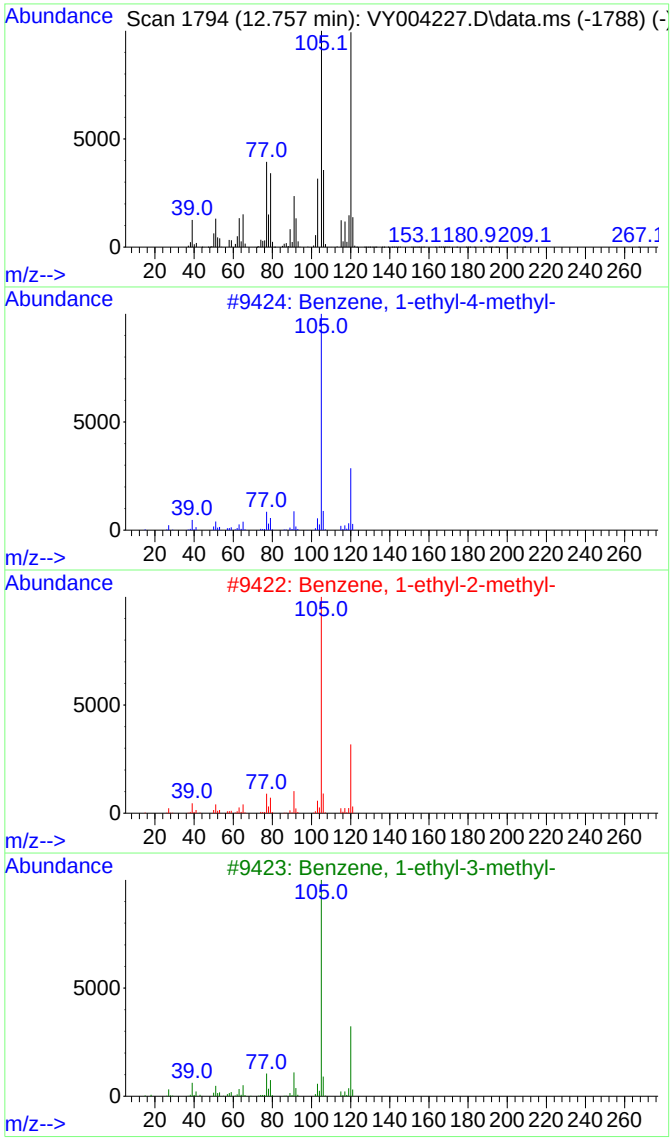
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032921S.M
Quant Title : SW846 8260

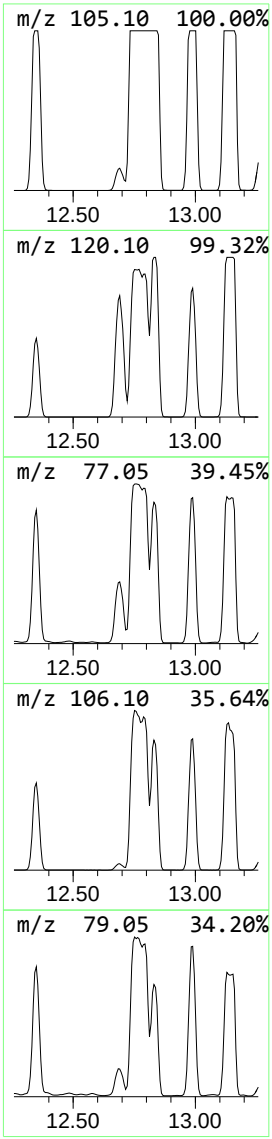
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 1-ethyl-4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.758	71.33 ug/l	133873000	1,4-Dichlorobenzene-d4	13.434

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	86
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	80
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	80
4	Cyclohexene, 1-(1-propynyl)-	120	C9H12	001655-05-6	74
5	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033021\
Data File : VY004227.D
Acq On : 30 Mar 2021 12:09
Operator : SY/MD
Sample : M1836-09
Misc : 7.57g/5mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : B4-8-10

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032921S.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
Pentane, 3-methyl-	5.289	82.5	ug/l	350537000	1	7.832	212560000	50.0
Pentane, 2,2,3-...	8.368	58.5	ug/l	184670000	2	8.716	157875000	50.0
Pentane, 3-ethyl-	9.673	77.5	ug/l	244836000	2	8.716	157875000	50.0
Octane	10.404	190.3	ug/l	81665000	3	11.514	21457800	50.0
unknown10.654	10.654	159.4	ug/l	68427300	3	11.514	21457800	50.0
Heptane, 2,6-di...	10.831	52.1	ug/l	22357200	3	11.514	21457800	50.0
Heptane, 2,5-di...	10.935	64.7	ug/l	27745500	3	11.514	21457800	50.0
Octane, 2-methyl-	11.319	153.1	ug/l	65682900	3	11.514	21457800	50.0
Octane, 3-methyl-	11.447	80.3	ug/l	34444200	3	11.514	21457800	50.0
Benzene, 1-ethy...	12.758	71.3	ug/l	133873000	4	13.434	93843900	50.0