LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101022\
Data File : VY010899.D
Acq On : 10 Oct 2022 18:35
Operator : KP/MD
Sample : N5018-04
Misc : 5.27g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SASP2-T-3-(14-16)

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\82Y100322S.M
Title : SW846 8260

Signal : TIC: VY010899.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.942	340	348	361	rBV2	6643	18704	1.89%	0.329%
2	4.198	381	390	403	rBV3	8514	23843	2.41%	0.420%
3	4.710	462	474	491	rBV2	43433	136735	13.80%	2.408%
4	4.930	497	510	520	rBV3	3547	13925	1.40%	0.245%
5	5.746	634	644	658	rVB6	5359	17866	1.80%	0.315%
6	6.972	834	845	856	rBV	29960	90877	9.17%	1.600%
7	7.716	958	967	973	rBV	209601	495858	50.03%	8.732%
8	7.789	973	979	990	rVB	260445	593548	59.89%	10.452%
9	8.136	1021	1036	1053	rBV	210477	508077	51.26%	8.947%
10	8.685	1119	1126	1140	rVB	449171	888977	89.69%	15.655%
11	10.179	1363	1371	1379	rBV	593251	991135	100.00%	17.454%
12	10.575	1429	1436	1443	rBV	12920	23739	2.40%	0.418%
13	10.715	1451	1459	1466	rBV	34883	58721	5.92%	1.034%
14	10.941	1490	1496	1505	rBV	20252	36073	3.64%	0.635%
15	11.319	1554	1558	1564	rVB	7012	10110	1.02%	0.178%
16	11.489	1579	1586	1597	rBV	449842	720741	72.72%	12.692%
17	12.337	1715	1725	1731	rBV3	5495	10306	1.04%	0.181%
18	12.483	1739	1749	1757	rBV	290682	486635	49.10%	8.570%
19	12.818	1798	1804	1811	rBV5	6821	16864	1.70%	0.297%
20	13.068	1841	1845	1851	rVB	13757	20888	2.11%	0.368%
21	13.178	1858	1863	1869	rVB4	7619	12249	1.24%	0.216%
22	13.282	1870	1880	1885	rBV2	22534	42683	4.31%	0.752%
23	13.337	1885	1889	1894	rVV4	10259	19611	1.98%	0.345%
24	13.422	1894	1903	1909	rVV	216675	353629	35.68%	6.227%
25	13.483	1909	1913	1924	rVB3	17551	38885	3.92%	0.685%
26	13.635	1933	1938	1942	rBV7	6709	12270	1.24%	0.216%
27	13.965	1986	1992	2000	rVB	12861	19679	1.99%	0.347%
28	15.318	2209	2214	2220	rVB2	9102	15924	1.61%	0.280%

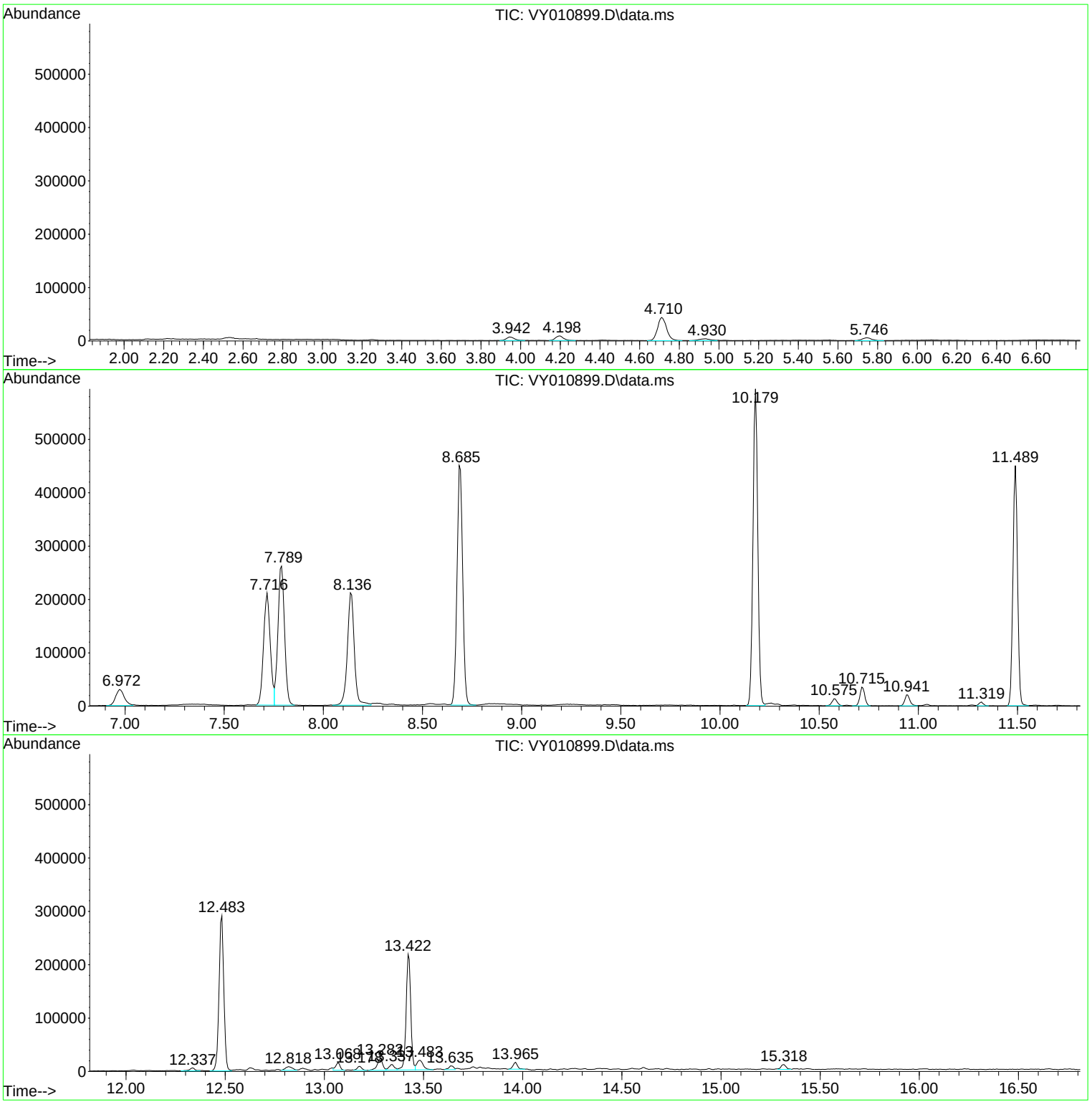
Sum of corrected areas: 5678552

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101022\
Data File : VY010899.D
Acq On : 10 Oct 2022 18:35
Operator : KP/MD
Sample : N5018-04
Misc : 5.27g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SASP2-T-3-(14-16)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101022\
Data File : VY010899.D
Acq On : 10 Oct 2022 18:35
Operator : KP/MD
Sample : N5018-04
Misc : 5.27g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SASP2-T-3-(14-16)

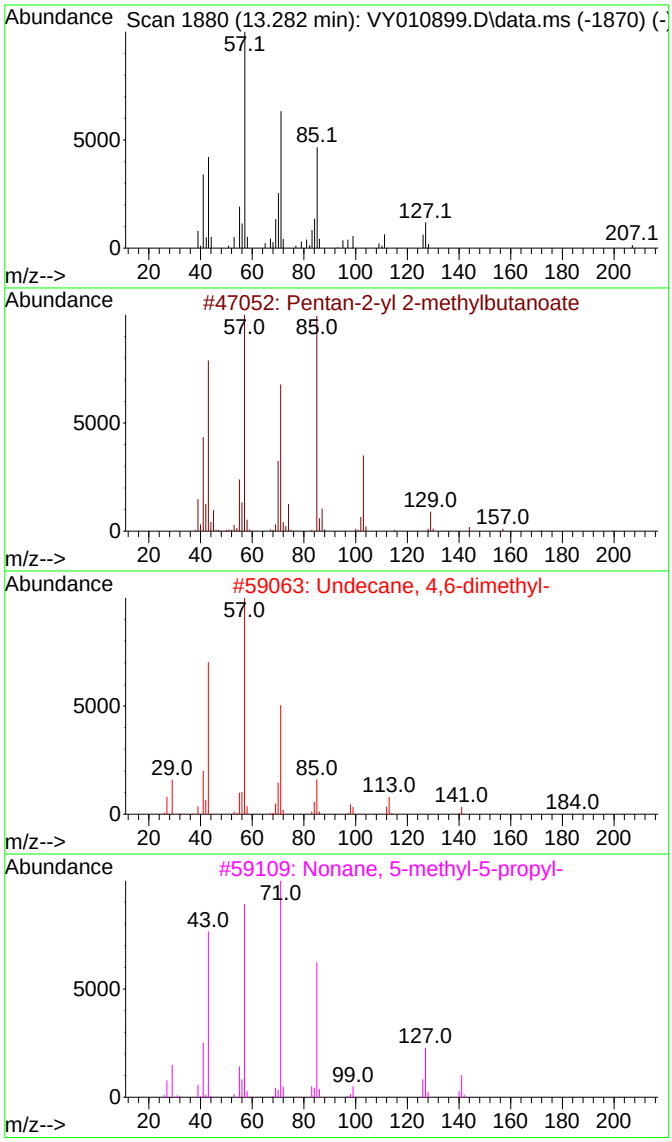
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
Quant Title : SW846 8260

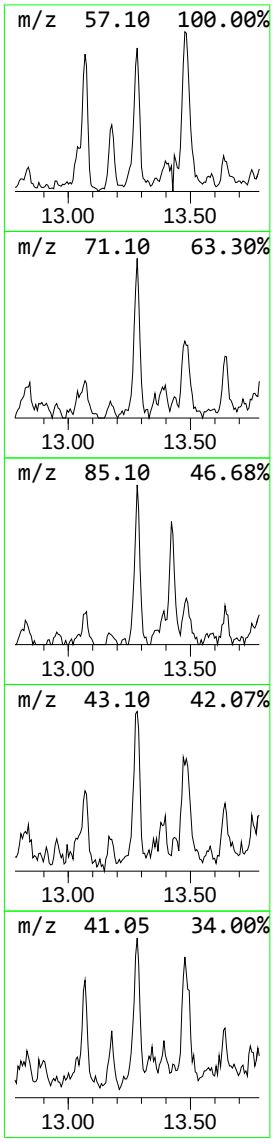
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Pentan-2-yl 2-methylbutanoate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.282	6.04 ug/l	42683	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentan-2-yl 2-methylbutanoate	172	C10H20O2	1000372-71-7	59
2	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	53
3	Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	53
4	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	50
5	Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101022\
Data File : VY010899.D
Acq On : 10 Oct 2022 18:35
Operator : KP/MD
Sample : N5018-04
Misc : 5.27g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SASP2-T-3-(14-16)

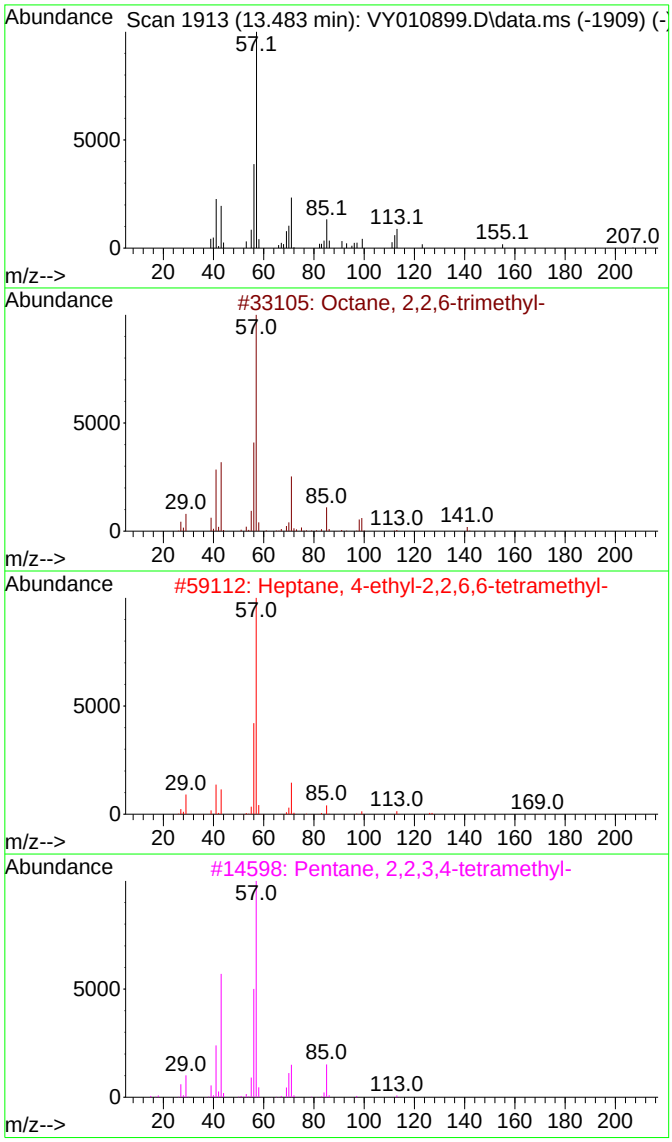
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
Quant Title : SW846 8260

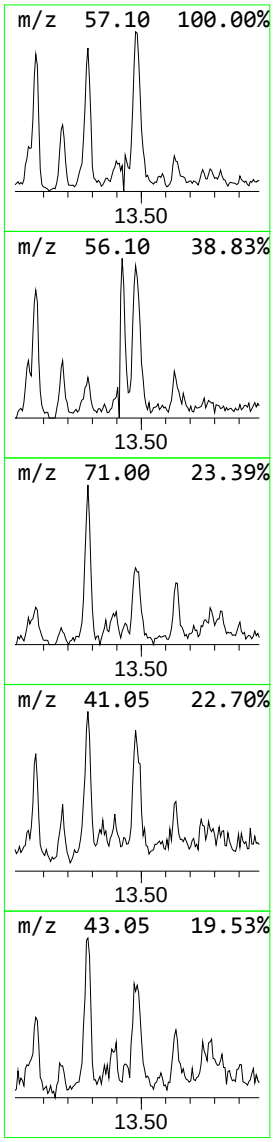
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Octane, 2,2,6-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.483	5.50 ug/l	38885	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	64
2	Heptane, 4-ethyl-2,2,6,6-tetrame...	184	C13H28	062108-31-0	64
3	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	59
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	59
5	Heptane, 2,2,4-trimethyl-	142	C10H22	014720-74-2	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101022\
Data File : VY010899.D
Acq On : 10 Oct 2022 18:35
Operator : KP/MD
Sample : N5018-04
Misc : 5.27g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SASP2-T-3-(14-16)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.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
Pentan-2-yl 2-m...	13.282	6.0	ug/l	42683	4	13.428	353629	50.0
Octane, 2,2,6-t...	13.483	5.5	ug/l	38885	4	13.428	353629	50.0