LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092822\
Data File : VY010719.D
Acq On : 28 Sep 2022 16:14
Operator : KP/MD
Sample : N4850-04
Misc : 4.98g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-14B-SP-2-GR

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\82Y091922S.M
Title : SW846 8260

Signal : TIC: VY010719.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.247	227	234	242	rVB6	2652	6337	1.04%	0.218%
2	4.710	463	474	492	rBV2	21891	71225	11.72%	2.455%
3	4.917	499	508	510	rBV3	3756	8612	1.42%	0.297%
4	5.740	628	643	658	rBV2	10008	30589	5.03%	1.054%
5	6.972	833	845	861	rBV	44995	144591	23.79%	4.983%
6	7.716	958	967	972	rBV2	29289	70584	11.61%	2.433%
7	7.783	972	978	992	rVB	72487	169477	27.88%	5.841%
8	8.136	1023	1036	1050	rBV2	32612	98900	16.27%	3.409%
9	8.685	1118	1126	1134	rBV	92832	188734	31.05%	6.505%
10	10.179	1365	1371	1378	rBV	117833	209578	34.48%	7.223%
11	10.575	1431	1436	1447	rVB	42564	83053	13.66%	2.862%
12	10.941	1492	1496	1502	rVB	27034	43288	7.12%	1.492%
13	11.489	1581	1586	1593	rVB	120795	199558	32.83%	6.878%
14	12.142	1679	1693	1713	rVB5	89820	607900	100.00%	20.951%
15	12.483	1744	1749	1755	rBV3	128387	237516	39.07%	8.186%
16	13.422	1895	1903	1917	rVB3	204021	567919	93.42%	19.573%
17	13.958	1988	1991	1996	rVB2	23484	37997	6.25%	1.310%
18	14.721	2114	2116	2124	rVB4	23004	40109	6.60%	1.382%
19	15.208	2193	2196	2202	rVB2	18093	29830	4.91%	1.028%
20	15.605	2257	2261	2266	rVB6	12989	21423	3.52%	0.738%
21	16.001	2324	2326	2333	rVB7	6834	12356	2.03%	0.426%
22	16.153	2347	2351	2358	rVB3	11415	21896	3.60%	0.755%

Sum of corrected areas: 2901472

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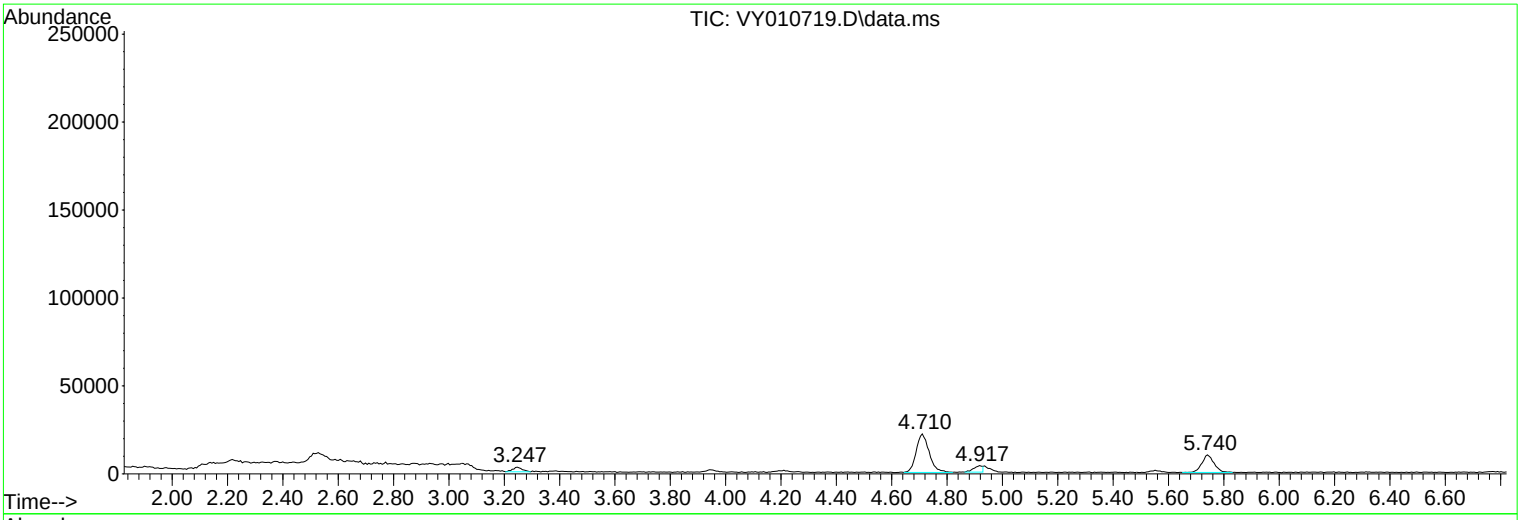
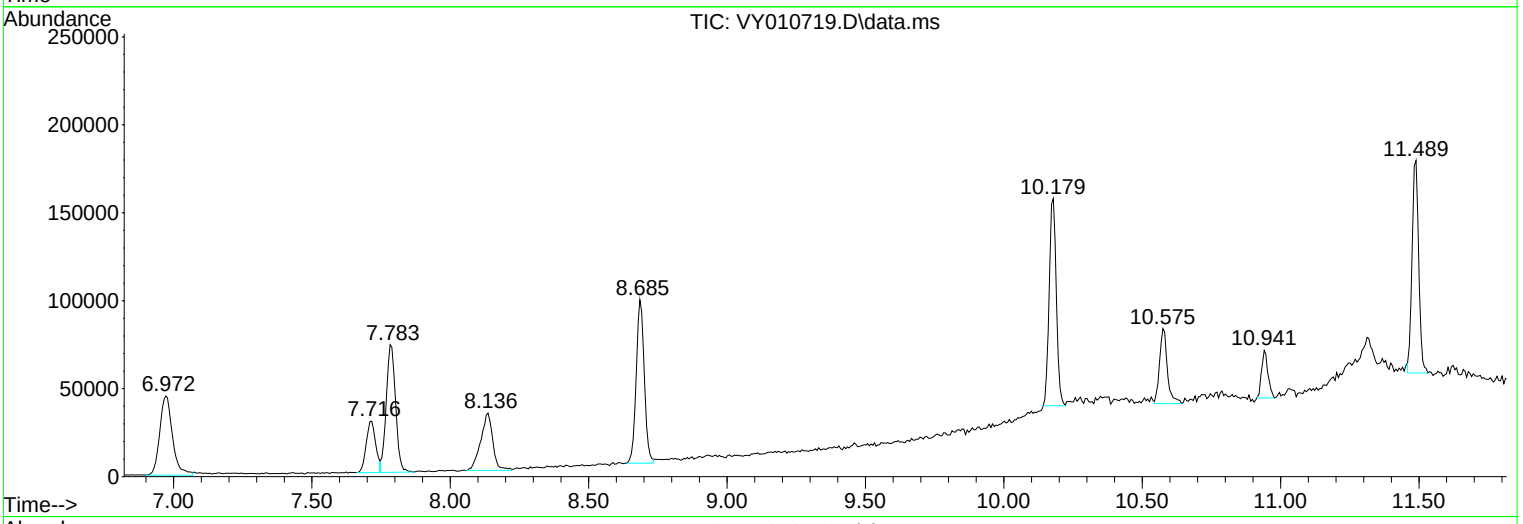
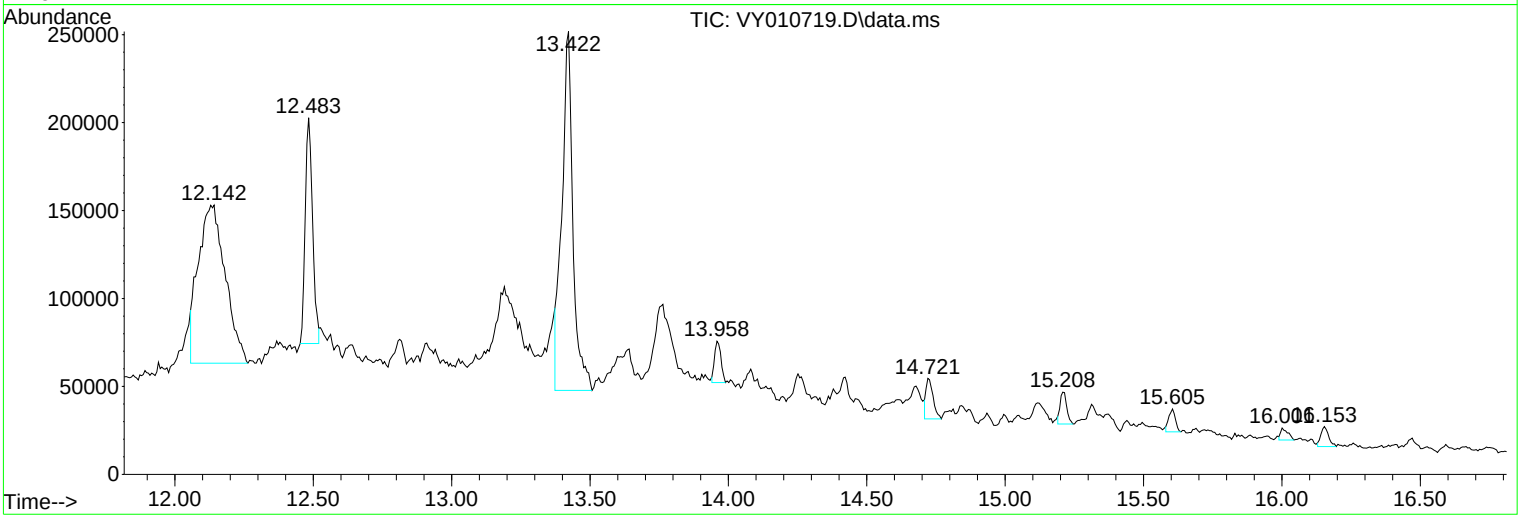
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
Quant Title : SW846 8260

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







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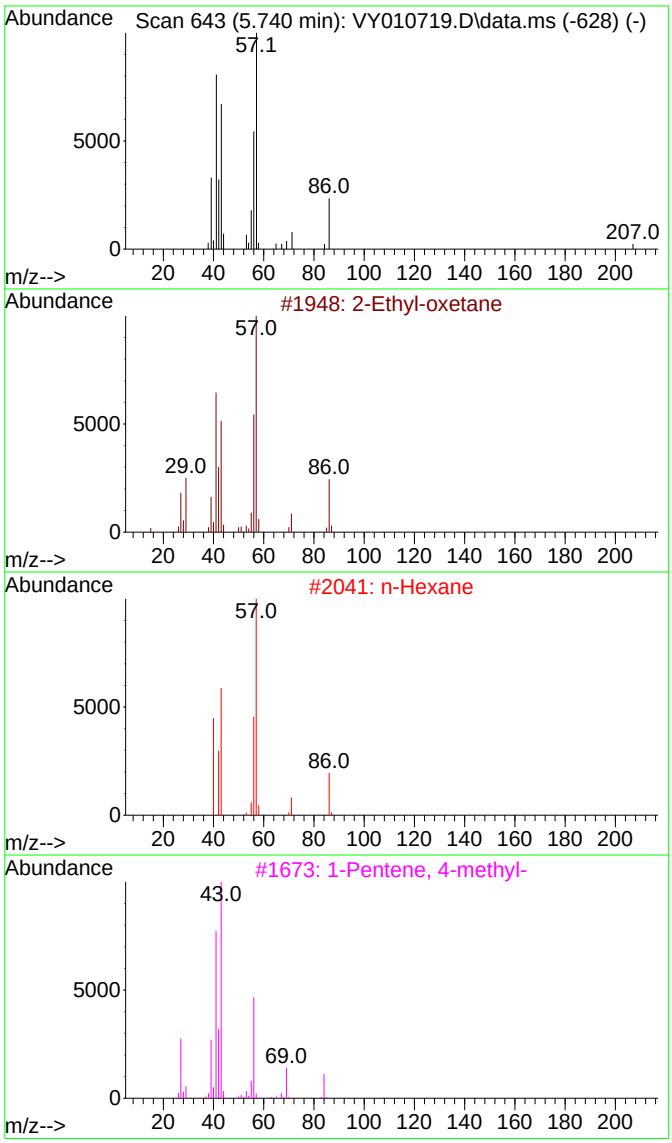
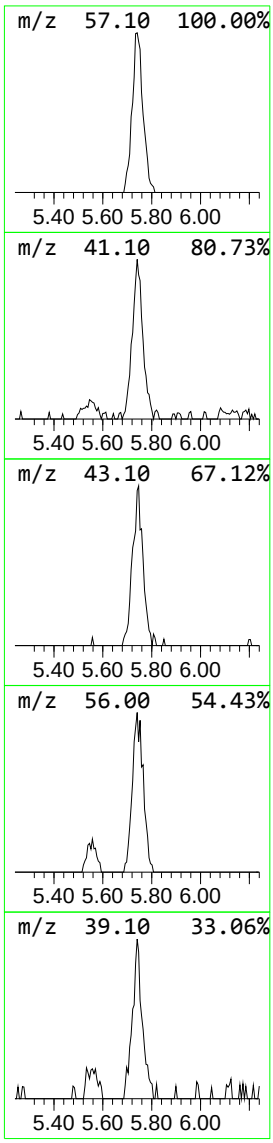
****
Peak Number 1 2-Ethyl-oxetane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.740	9.02 ug/l	30589	Pentafluorobenzene	7.789

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethyl-oxetane	86	C5H10O	1010386-40-2	86
2	n-Hexane	86	C6H14	000110-54-3	59
3	1-Pentene, 4-methyl-	84	C6H12	000691-37-2	40
4	2-Butene, (Z)-	56	C4H8	000590-18-1	38
5	Cyclobutane	56	C4H8	000287-23-0	38





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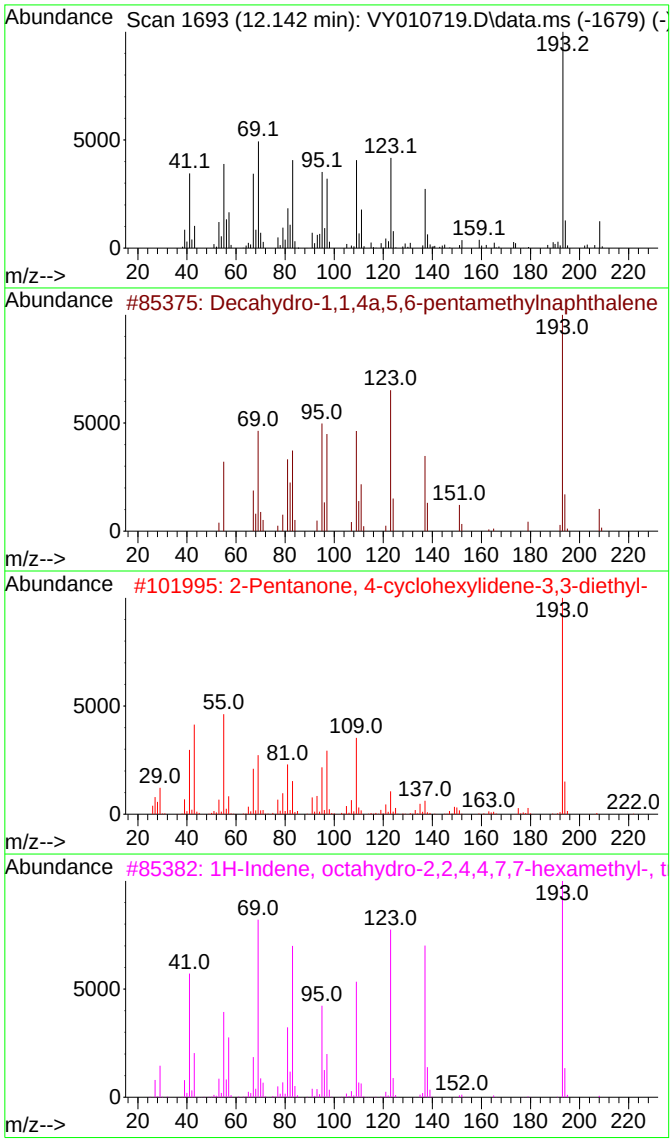
Quant Title : SW846 8260

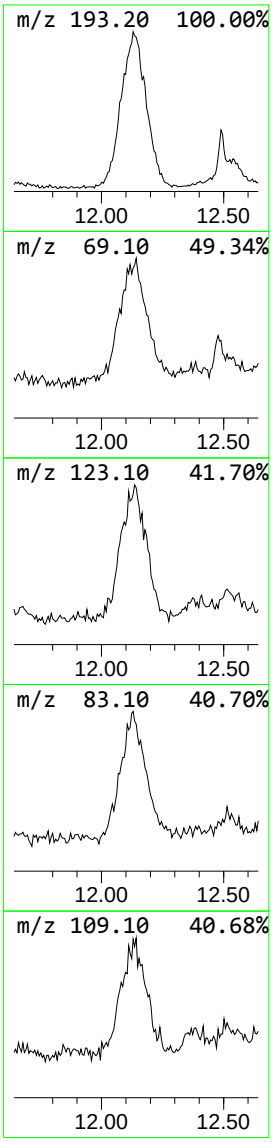
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Decahydro-1,1,4a,5,6-pentam... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.142	152.31 ug/l	607900	Chlorobenzene-d5	11.489

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	81
2	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	47
3	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	40
4	Borinic acid, diethyl-, 3,3,5-tr...	208	C13H25BO	057387-76-5	25
5	diallyl(2,2,4a,7,7-pentamethyl-1...	384	C19H33N2O4P	1000187-42-4	25





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Ethyl-oxetane	5.740	9.0	ug/l	30589	1	7.789	169477	50.0
Decahydro-1,1,4...	12.142	152.3	ug/l	607900	3	11.489	199558	50.0