

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100522\
 Data File : VY010821.D
 Acq On : 05 Oct 2022 15:38
 Operator : KP/MD
 Sample : N5004-01
 Misc : 6.53g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 D22011-8.5

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: VY010821.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.888	8	11	21	rVB	6080	9843	1.04%	0.169%
2	2.381	87	92	102	rVB	15106	25432	2.68%	0.438%
3	2.534	108	117	121	rBV7	3201	10417	1.10%	0.179%
4	3.942	340	348	359	rVB2	9129	24583	2.59%	0.423%
5	4.710	464	474	489	rBV4	10834	46200	4.86%	0.795%
6	4.942	498	512	531	rBV2	25137	98487	10.36%	1.696%
7	5.222	547	558	570	rVB5	5843	22332	2.35%	0.384%
8	6.112	691	704	721	rBV3	23791	80561	8.48%	1.387%
9	6.679	784	797	808	rBV4	5841	20953	2.20%	0.361%
10	6.978	838	846	856	rBV3	3838	11148	1.17%	0.192%
11	7.716	957	967	972	rBV	175330	415231	43.69%	7.148%
12	7.783	972	978	987	rVV	260806	611119	64.30%	10.521%
13	7.868	987	992	1004	rVB	15849	38761	4.08%	0.667%
14	7.996	1004	1013	1023	rBV2	10240	24718	2.60%	0.426%
15	8.136	1023	1036	1046	rBV	163217	352796	37.12%	6.074%
16	8.234	1046	1052	1059	rVV4	18206	47428	4.99%	0.816%
17	8.319	1060	1066	1076	rVB	38335	95705	10.07%	1.648%
18	8.685	1115	1126	1142	rBV	414050	796455	83.81%	13.711%
19	9.179	1196	1207	1213	rBV2	13509	33311	3.51%	0.573%
20	9.240	1213	1217	1224	rVB2	9342	17809	1.87%	0.307%
21	9.612	1270	1278	1289	rVB	20075	39611	4.17%	0.682%
22	9.746	1292	1300	1307	rVV2	22018	47286	4.98%	0.814%
23	9.819	1307	1312	1315	rVV2	9166	16658	1.75%	0.287%
24	9.953	1324	1334	1346	rBV4	13380	39905	4.20%	0.687%
25	10.106	1352	1359	1364	rBV2	8439	16231	1.71%	0.279%
26	10.179	1364	1371	1385	rVV	550869	950364	100.00%	16.361%
27	10.289	1385	1389	1395	rVV4	5899	12715	1.34%	0.219%
28	10.368	1395	1402	1408	rVB5	5993	13267	1.40%	0.228%
29	10.709	1454	1458	1466	rVB3	6633	11105	1.17%	0.191%
30	11.276	1543	1551	1558	rVB4	9531	19554	2.06%	0.337%
31	11.380	1561	1568	1572	rBV2	7160	11866	1.25%	0.204%
32	11.490	1577	1586	1595	rBV	472689	772100	81.24%	13.292%
33	11.581	1595	1601	1611	rVB6	4893	14555	1.53%	0.251%
34	11.709	1611	1622	1631	rBV6	6423	17000	1.79%	0.293%
35	12.477	1740	1748	1759	rVB2	334378	553382	58.23%	9.527%
36	13.422	1897	1903	1911	rVV	294995	449154	47.26%	7.732%

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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

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37	13.526	1915	1920	1928	rVB2	6788	10835	1.14%	0.187%
38	13.965	1986	1992	1999	rVB3	11669	19388	2.04%	0.334%
39	14.202	2027	2031	2039	rVB5	6937	10459	1.10%	0.180%

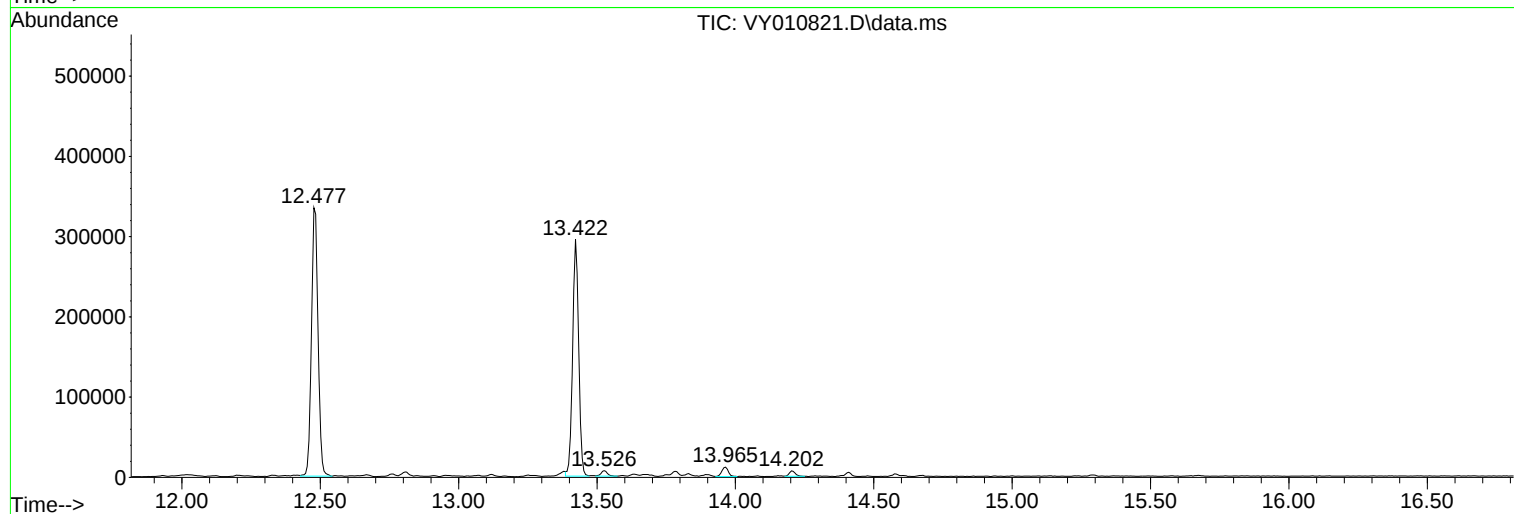
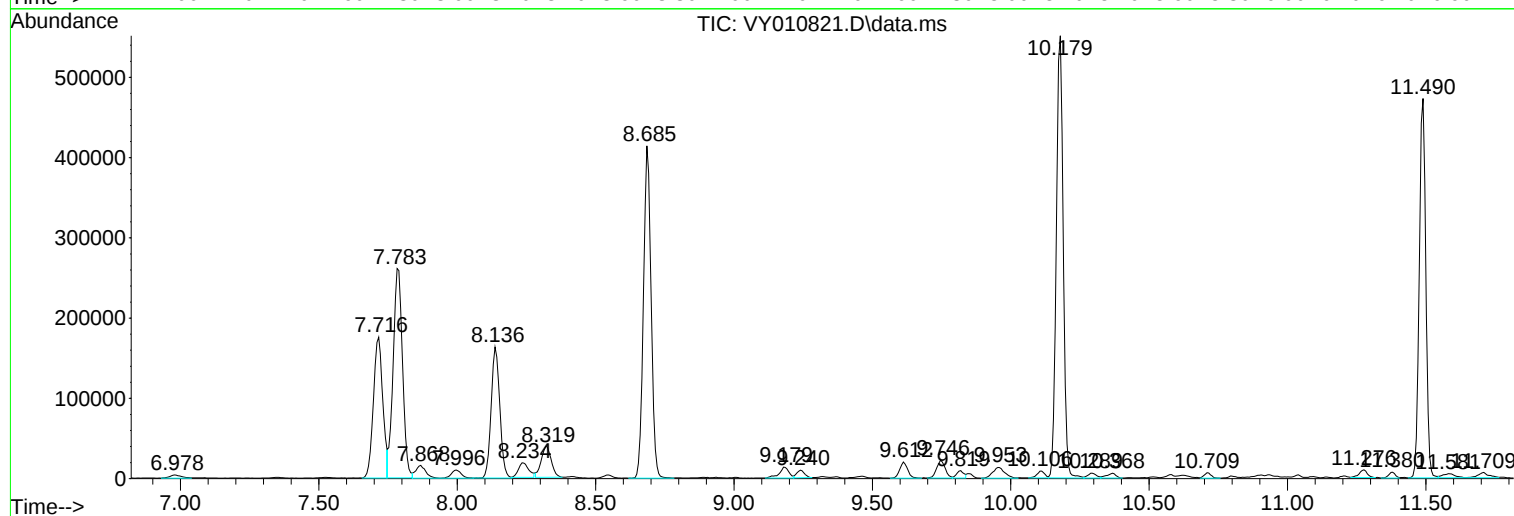
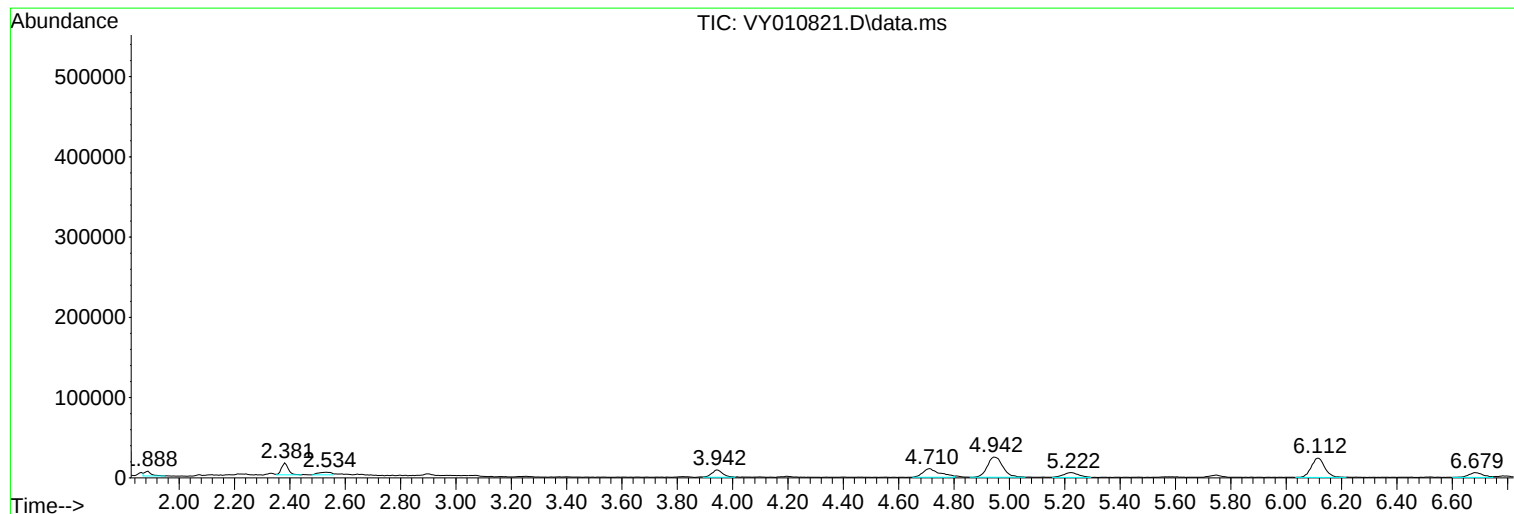
Sum of corrected areas: 5808724

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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



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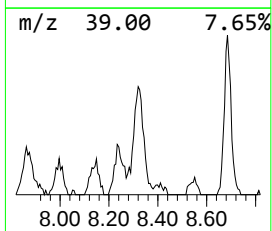
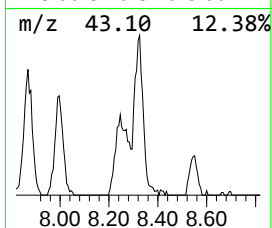
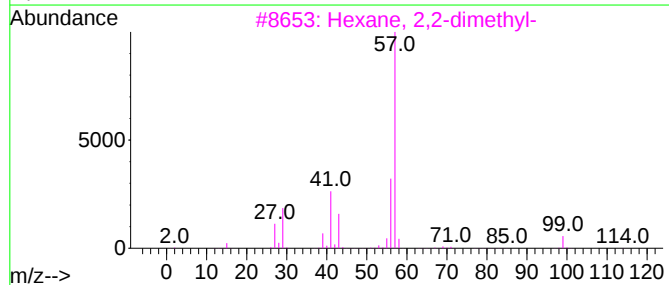
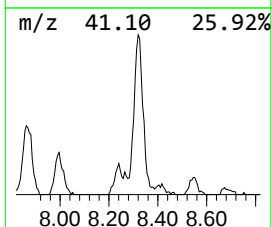
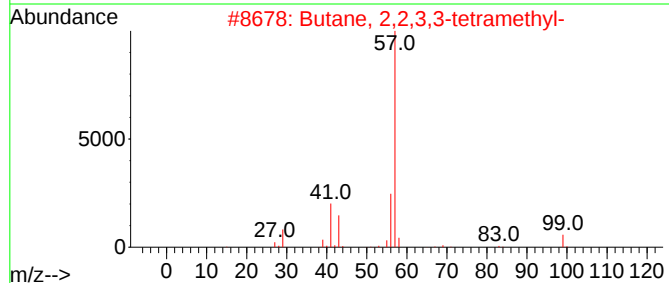
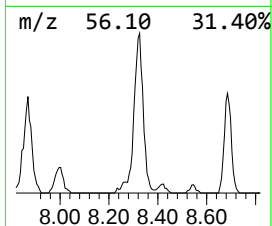
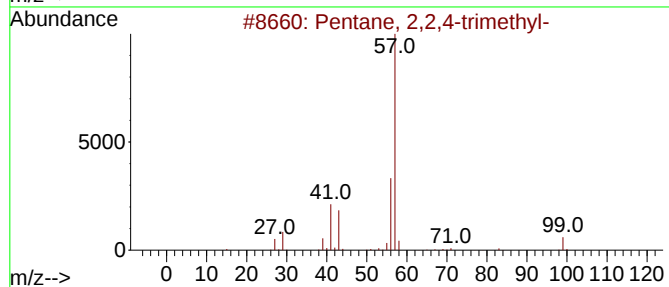
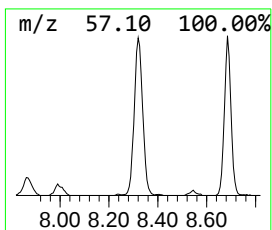
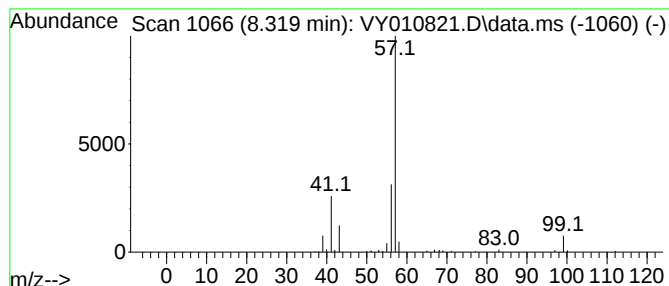
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Quant Title : SW846 8260

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

Peak Number 1 Pentane, 2,2,4-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.319	6.01 ug/l	95705	1,4-Difluorobenzene	8.685

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	72
2			Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	72
3			Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	64
4			Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	59
5			Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	38



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Pentane, 2,2,4-...	8.319	6.0	ug/l	95705	2	8.685	796455	50.0