

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022825\
 Data File : VY021392.D
 Acq On : 28 Feb 2025 19:49
 Operator : SY/MD
 Sample : Q1463-04
 Misc : 6.27g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 T4

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\82Y022525S.M
 Title : SW846 8260

Signal : TIC: VY021392.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.836	177	183	190	rBV3	15589	33447	4.68%	0.706%
2	3.178	231	239	248	rVB3	5963	15010	2.10%	0.317%
3	3.854	337	350	360	rBV6	6031	18222	2.55%	0.384%
4	4.616	461	475	487	rBV4	16747	71373	9.99%	1.506%
5	5.128	556	559	569	rVB7	3688	9854	1.38%	0.208%
6	5.647	636	644	655	rBV5	4177	12620	1.77%	0.266%
7	6.695	809	816	825	rVB5	3921	10815	1.51%	0.228%
8	7.439	929	938	945	rBV8	2944	8649	1.21%	0.182%
9	7.634	959	970	976	rBV	107694	265189	37.12%	5.594%
10	7.707	976	982	991	rVV	157678	370909	51.91%	7.824%
11	7.793	994	996	1006	rVB4	5810	9626	1.35%	0.203%
12	7.921	1009	1017	1021	rBV6	4717	11047	1.55%	0.233%
13	8.061	1032	1040	1051	rBV2	100433	218230	30.54%	4.603%
14	8.250	1062	1071	1080	rVB	32088	82787	11.59%	1.746%
15	8.341	1080	1086	1094	rVB5	4866	11075	1.55%	0.234%
16	8.616	1122	1131	1144	rBV	261134	525671	73.58%	11.088%
17	9.103	1200	1211	1218	rBV3	15291	40600	5.68%	0.856%
18	9.164	1218	1221	1227	rVB4	4464	7990	1.12%	0.169%
19	9.542	1275	1283	1292	rVB2	24150	48011	6.72%	1.013%
20	9.670	1292	1304	1312	rBV3	32079	76201	10.67%	1.607%
21	9.884	1330	1339	1343	rBV8	3712	10523	1.47%	0.222%
22	10.042	1361	1365	1369	rVV2	6045	7916	1.11%	0.167%
23	10.109	1369	1376	1383	rVV	411965	714466	100.00%	15.071%
24	10.170	1383	1386	1393	rVB2	6685	12416	1.74%	0.262%
25	10.298	1398	1407	1415	rVB10	3740	12367	1.73%	0.261%
26	10.512	1437	1442	1444	rBV2	5236	9020	1.26%	0.190%
27	10.640	1457	1463	1470	rVB5	5307	9850	1.38%	0.208%
28	11.201	1549	1555	1561	rBV7	3938	8147	1.14%	0.172%
29	11.414	1581	1590	1600	rBV	364306	609789	85.35%	12.863%
30	11.518	1600	1607	1616	rVV2	7625	16952	2.37%	0.358%
31	11.627	1616	1625	1637	rVB2	15264	34648	4.85%	0.731%
32	11.957	1671	1679	1687	rBV	48223	82150	11.50%	1.733%
33	12.408	1744	1753	1763	rBV2	314771	600899	84.10%	12.675%
34	12.658	1790	1794	1797	rBV	12164	18500	2.59%	0.390%
35	12.688	1797	1799	1803	rVV2	7494	11646	1.63%	0.246%
36	12.737	1803	1807	1816	rVB	29317	43996	6.16%	0.928%

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37	12.895	1827	1833	1839	rVB	20575	33254	4.65%	0.701%
38	13.042	1851	1857	1862	rBV	15487	23931	3.35%	0.505%
39	13.347	1896	1907	1920	rBV	275553	463916	64.93%	9.786%
40	13.548	1936	1940	1943	rBV5	8504	13823	1.93%	0.292%
41	13.584	1943	1946	1954	rVB	12193	21450	3.00%	0.452%
42	13.816	1978	1984	1986	rBV3	4186	7683	1.08%	0.162%
43	13.889	1991	1996	2002	rVB3	60763	98090	13.73%	2.069%
44	14.212	2046	2049	2053	rBV3	5691	8012	1.12%	0.169%
45	14.255	2053	2056	2062	rVB2	6981	9903	1.39%	0.209%
46	14.602	2107	2113	2118	rVB5	5321	10121	1.42%	0.213%

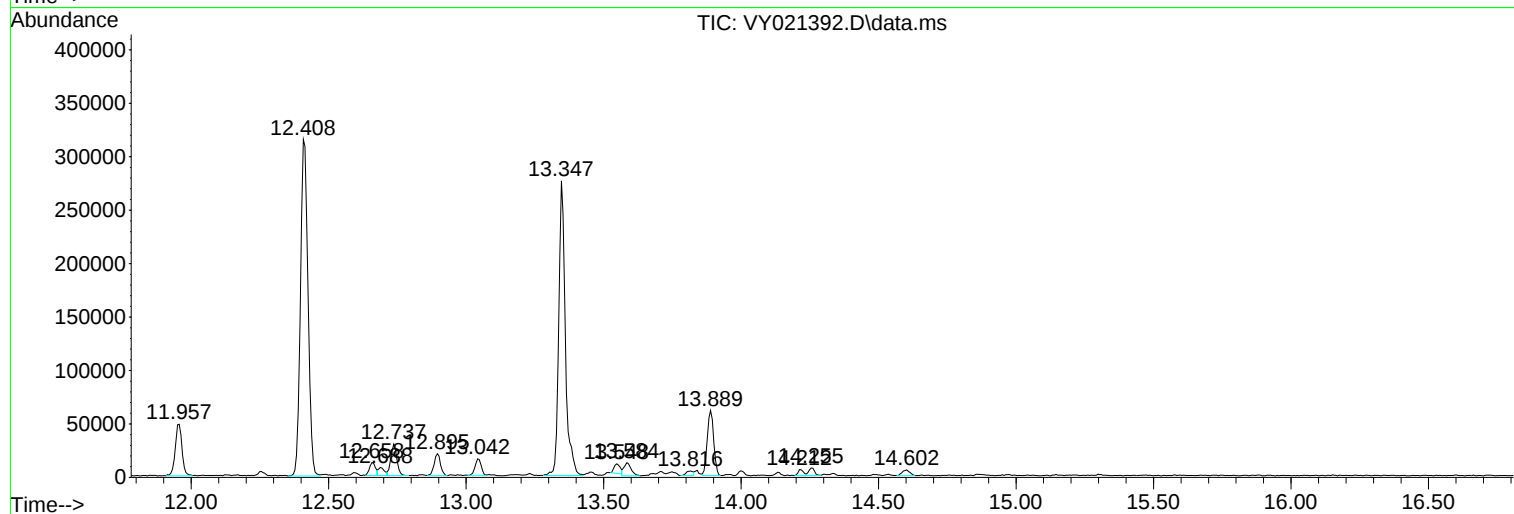
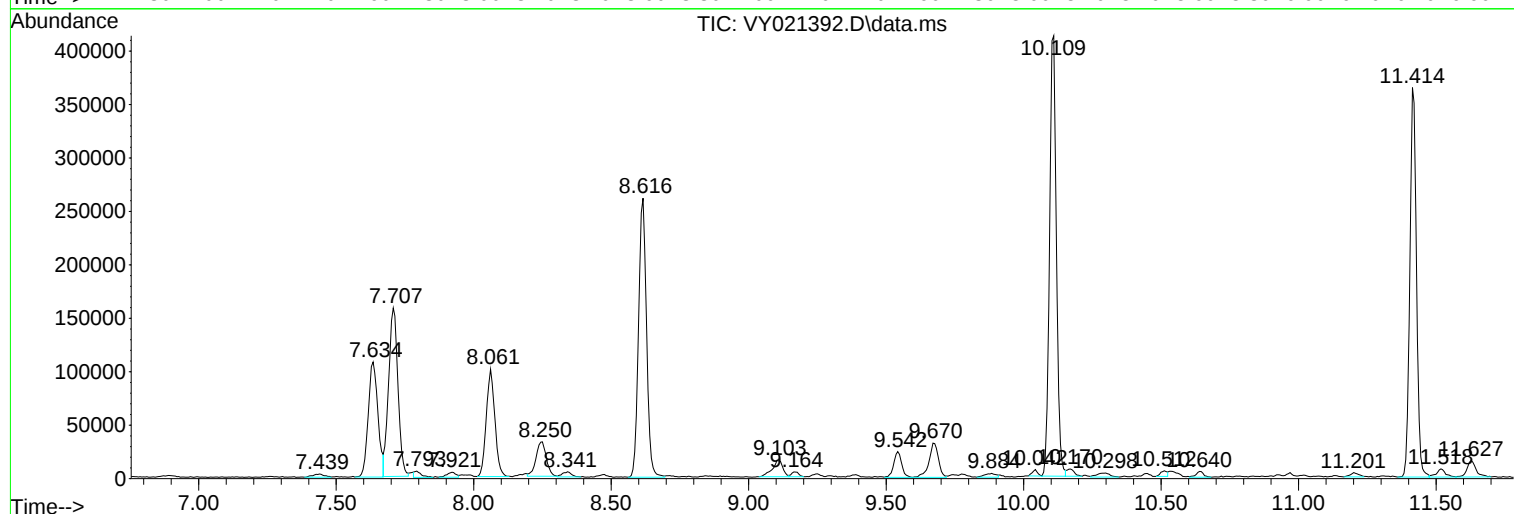
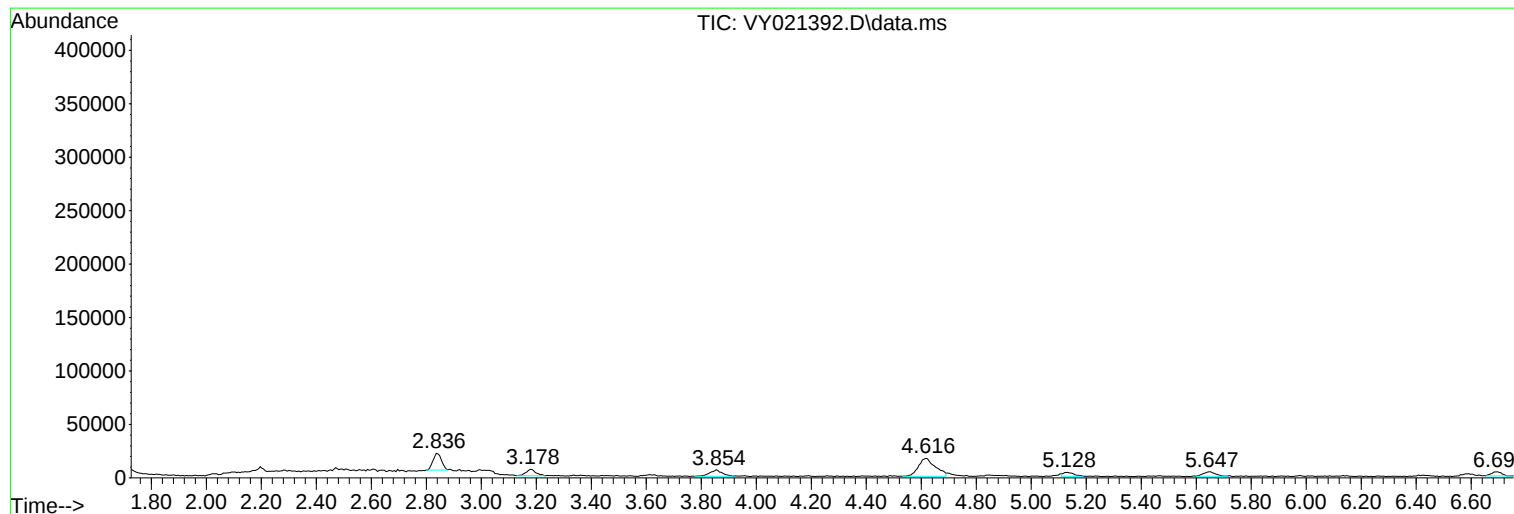
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Quant Title : SW846 8260

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



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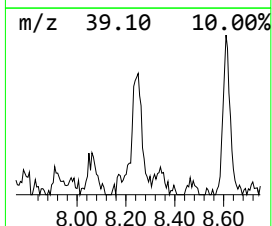
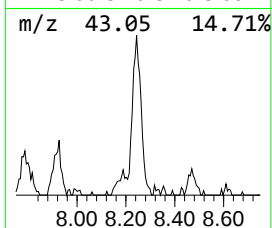
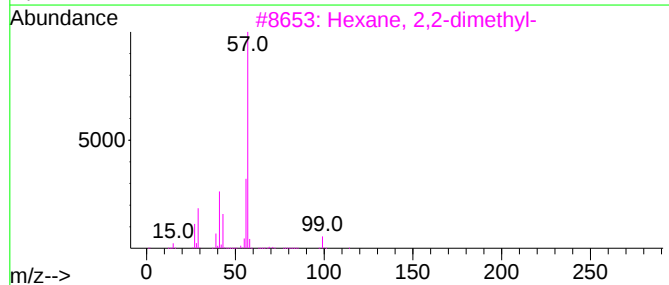
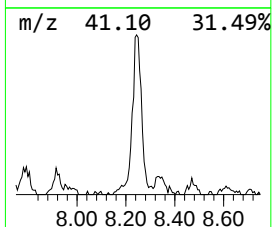
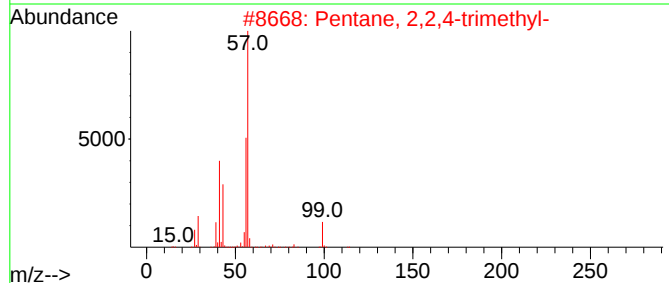
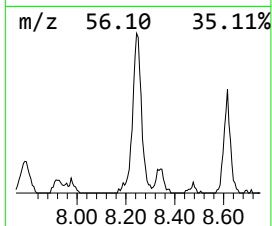
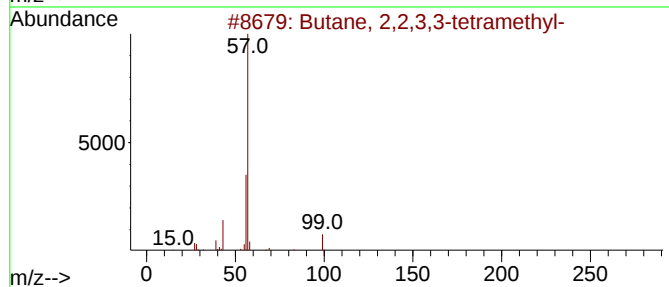
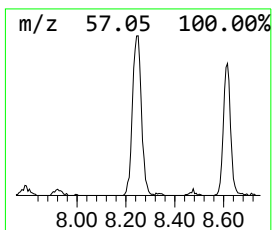
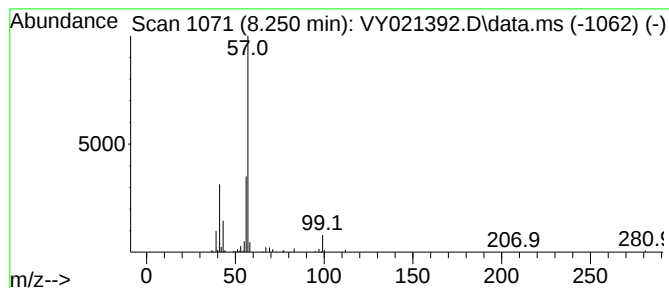
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Butane, 2,2,3,3-tetramethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.250	7.87 ug/l	82787	1,4-Difluorobenzene	8.616

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	72
2			Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	64
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, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	50



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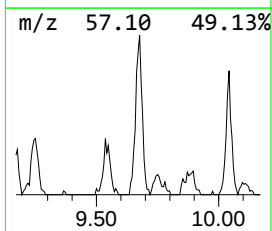
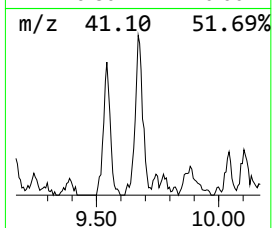
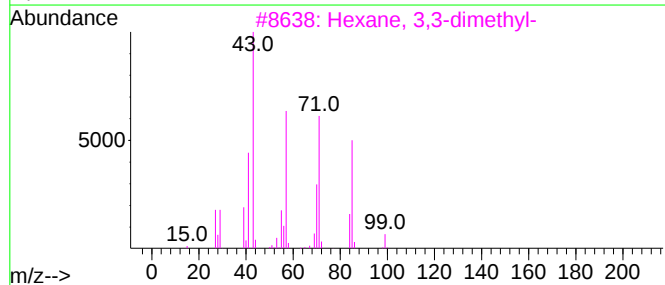
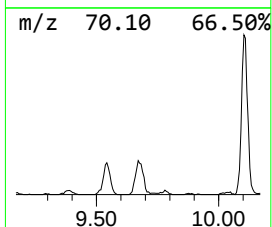
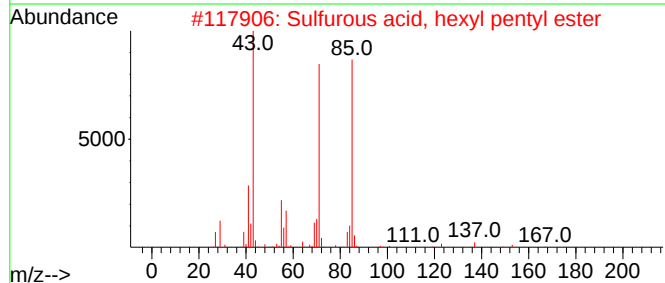
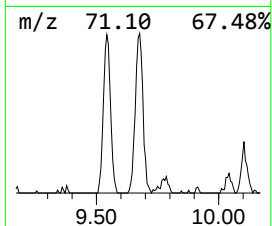
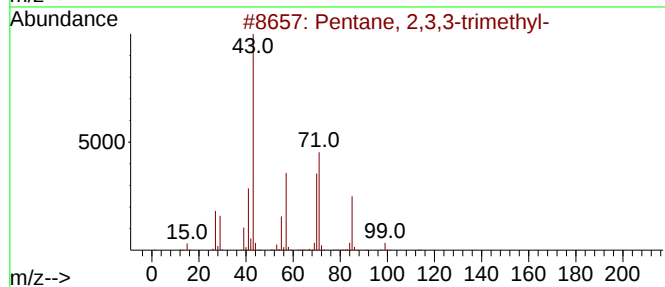
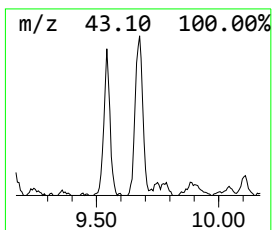
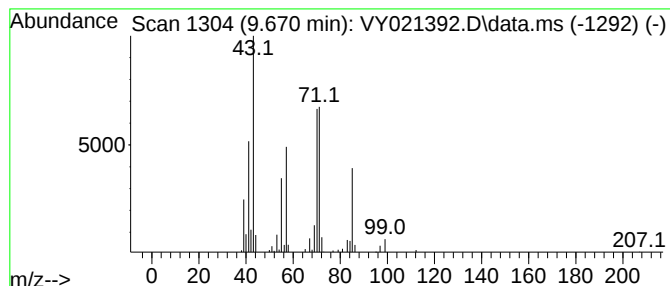
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.670	7.25 ug/l	76201	1,4-Difluorobenzene	8.616

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	86
2			Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	59
3			Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	53
4			Sulfurous acid, 2-propyl tetradec...	320	C17H36O3S	1010309-12-5	47
5			1-Butanol, 3-methyl-, carbonate ...	202	C11H22O3	002050-95-5	47



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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2,2,3,3...	8.250	7.9	ug/l	82787	2	8.616	525671	50.0
Pentane, 2,3,3-...	9.670	7.3	ug/l	76201	2	8.616	525671	50.0