LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092525\
Data File : VY023367.D
Acq On : 25 Sep 2025 12:35
Operator : SY/MD
Sample : Q3187-01
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
228

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\82Y090825S.M
Title : SW846 8260

Signal : TIC: VY023367.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.172	70	74	80	rBV	23763	40605	1.42%	0.184%
2	4.622	465	476	488	rBV	44017	134796	4.71%	0.611%
3	5.647	632	644	652	rBV3	14065	42938	1.50%	0.195%
4	6.890	836	848	861	rBV2	55026	180574	6.32%	0.818%
5	7.634	960	970	976	rBV	498078	1169584	40.91%	5.301%
6	7.707	976	982	1001	rVB	710760	1634873	57.18%	7.410%
7	8.061	1027	1040	1052	rBV	398479	925275	32.36%	4.194%
8	8.615	1121	1131	1146	rBV	1181348	2303014	80.55%	10.439%
9	10.109	1367	1376	1384	rBV	1662824	2859171	100.00%	12.960%
10	10.511	1434	1442	1456	rVB	64452	124748	4.36%	0.565%
11	10.877	1496	1502	1511	rVB	40382	73711	2.58%	0.334%
12	11.414	1583	1590	1602	rBV	1538655	2456502	85.92%	11.135%
13	11.962	1667	1680	1689	rBV	9038	35568	1.24%	0.161%
14	12.176	1709	1715	1722	rBV6	15847	40751	1.43%	0.185%
15	12.249	1722	1727	1733	rVB3	49650	90638	3.17%	0.411%
16	12.407	1746	1753	1759	rBV2	1074899	1759633	61.54%	7.976%
17	12.731	1801	1806	1811	rBV6	25706	53535	1.87%	0.243%
18	12.926	1833	1838	1841	rBV3	37595	60429	2.11%	0.274%
19	12.974	1841	1846	1852	rVB7	16012	36269	1.27%	0.164%
20	13.176	1874	1879	1882	rBV4	35035	63302	2.21%	0.287%
21	13.346	1901	1907	1915	rVB	1026578	1594867	55.78%	7.229%
22	13.438	1915	1922	1927	rBV7	38722	102402	3.58%	0.464%
23	13.560	1934	1942	1946	rBV8	38796	98007	3.43%	0.444%
24	13.663	1954	1959	1966	rBV4	110476	222663	7.79%	1.009%
25	13.779	1974	1978	1984	rBV3	44598	89715	3.14%	0.407%
26	13.840	1984	1988	1990	rVV4	40787	69768	2.44%	0.316%
27	13.883	1993	1995	2002	rVB3	64394	82158	2.87%	0.372%
28	13.999	2009	2014	2017	rBV	140404	231524	8.10%	1.049%
29	14.041	2017	2021	2024	rVV4	75996	130990	4.58%	0.594%
30	14.175	2038	2043	2050	rBV3	164947	372576	13.03%	1.689%
31	14.340	2066	2070	2074	rBV3	151794	208171	7.28%	0.944%
32	14.535	2098	2102	2105	rBV3	56871	67305	2.35%	0.305%
33	14.602	2106	2113	2117	rBV5	133865	339569	11.88%	1.539%
34	14.651	2117	2121	2127	rBV4	141963	326266	11.41%	1.479%
35	14.761	2137	2139	2141	rBV2	63452	78706	2.75%	0.357%
36	14.791	2141	2144	2147	rVB2	108734	138446	4.84%	0.628%

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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

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Peak separation: 5

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Title : SW846 8260

37	14.858	2152	2155	2159	rVB3	137410	182074	6.37%	0.825%
38	14.913	2160	2164	2167	rBV2	124441	203930	7.13%	0.924%
39	15.029	2180	2183	2191	rVB4	240190	489093	17.11%	2.217%
40	15.127	2196	2199	2202	rVB5	95628	123074	4.30%	0.558%
41	15.181	2203	2208	2214	rBV6	149415	421147	14.73%	1.909%
42	15.346	2231	2235	2237	rBV4	146366	243192	8.51%	1.102%
43	15.505	2257	2261	2267	rVB3	338331	615548	21.53%	2.790%
44	16.047	2347	2350	2355	rVB3	174035	281754	9.85%	1.277%
45	16.352	2396	2400	2415	rVB8	330007	951910	33.29%	4.315%
46	16.474	2417	2420	2428	rBV5	124272	310868	10.87%	1.409%

Sum of corrected areas: 22061639

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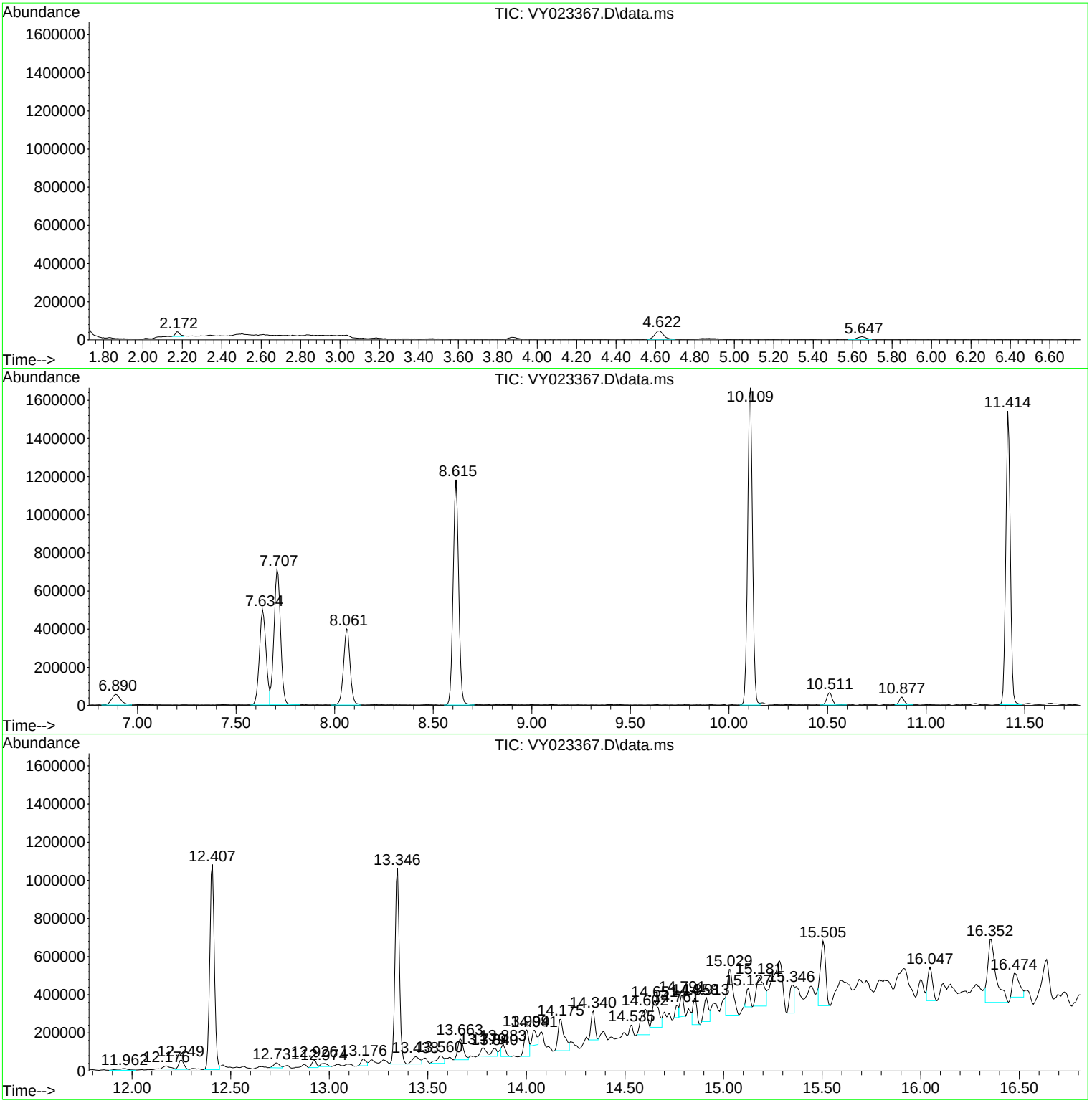
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090825S.M
Quant Title : SW846 8260

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



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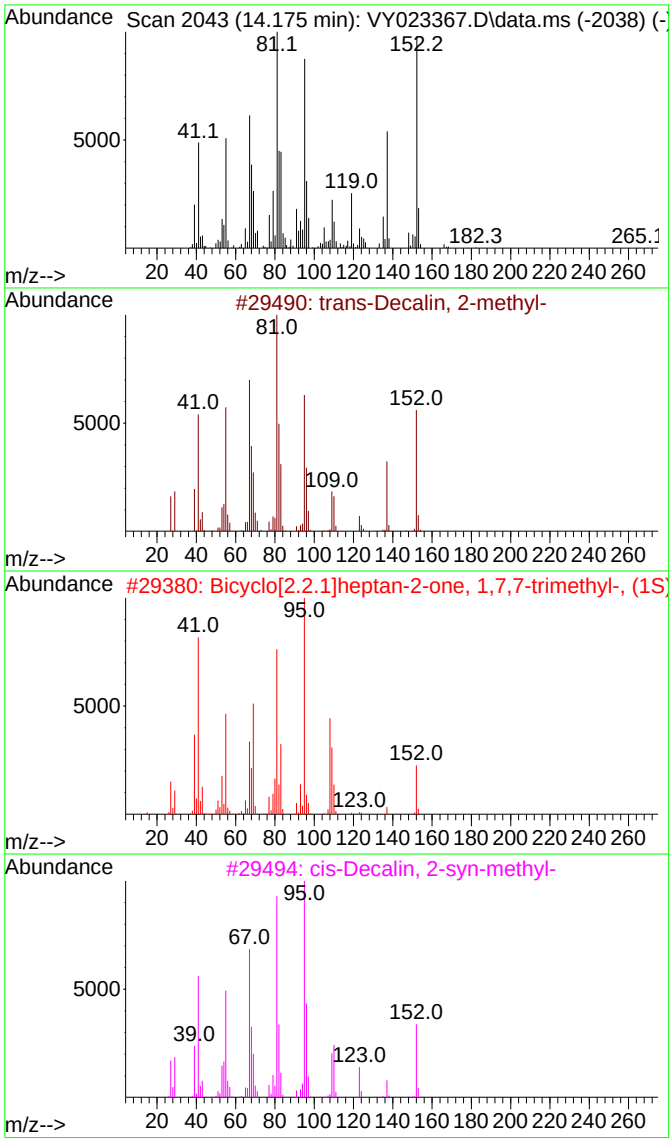
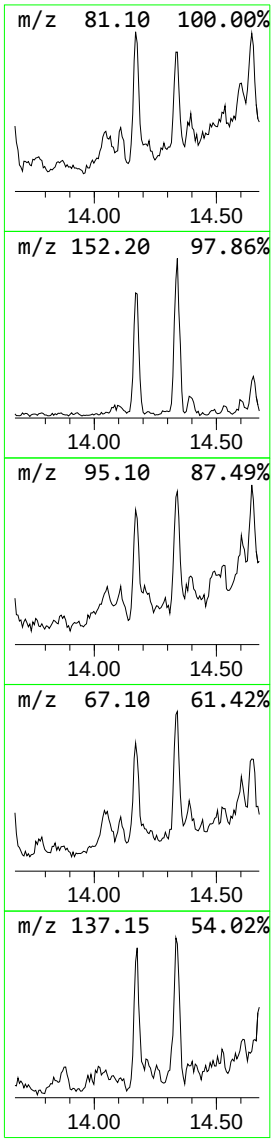
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 trans-Decalin, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.176	11.68 ug/l	372576	1,4-Dichlorobenzene-d4	13.346

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	93
2	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	76
3	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	68
4	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	55
5	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	52





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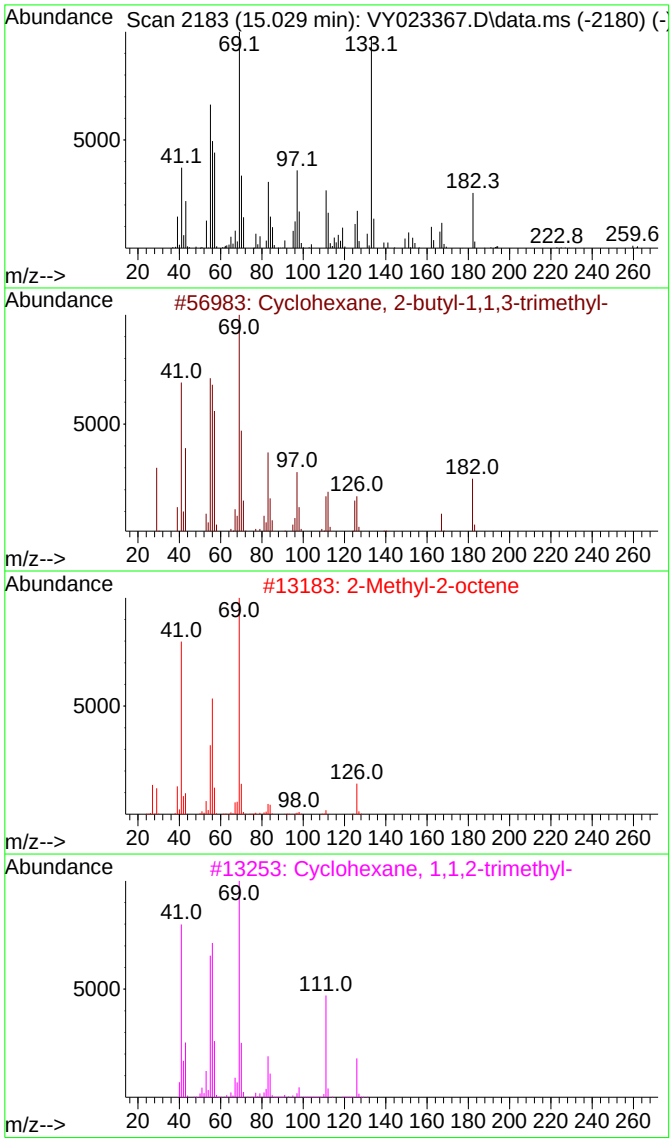
Quant Title : SW846 8260

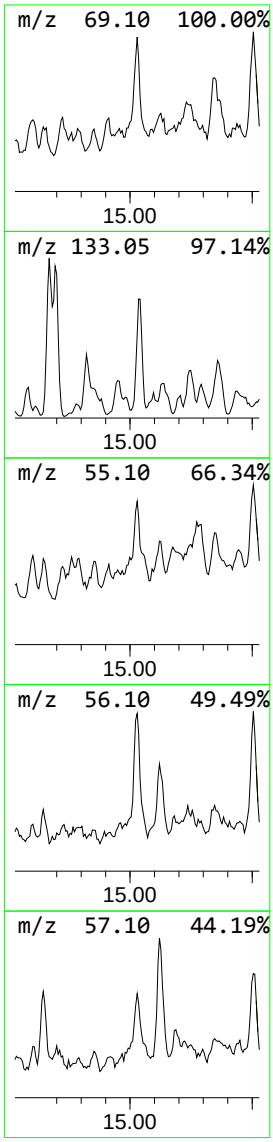
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Cyclohexane, 2-butyl-1,1,3-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.029	15.33 ug/l	489093	1,4-Dichlorobenzene-d4	13.346

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	95
2	2-Methyl-2-octene	126	C9H18	016993-86-5	38
3	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	35
4	3-Heptene, 2,6-dimethyl-	126	C9H18	002738-18-3	35
5	3-Hexene, 2,5-dimethyl-	112	C8H16	015910-22-2	30





Tentatively Identified Compound (LSC) summary

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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
trans-Decalin, ...	14.176	11.7	ug/l	372576	4	13.346	1594870	50.0
Cyclohexane, 2-...	15.029	15.3	ug/l	489093	4	13.346	1594870	50.0