LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022625\
Data File : VY021326.D
Acq On : 26 Feb 2025 13:07
Operator : SY/MD
Sample : Q1418-01
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TR-06-02242025

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: VY021326.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.922	31	33	37	rVB3	581	763	2.49%	0.446%
2	2.007	45	47	53	rVB2	891	1125	3.67%	0.657%
3	2.074	53	58	61	rBV4	1469	3072	10.02%	1.795%
4	2.184	75	76	83	rVB	1079	1411	4.60%	0.824%
5	2.617	144	147	152	rVB5	718	1246	4.06%	0.728%
6	3.202	239	243	245	rBV2	470	549	1.79%	0.321%
7	3.811	340	343	348	rVB3	417	680	2.22%	0.397%
8	4.019	375	377	379	rBV2	581	572	1.87%	0.334%
9	4.513	454	458	462	rBV3	366	532	1.74%	0.311%
10	5.201	568	571	575	rBV3	412	640	2.09%	0.374%
11	5.829	669	674	677	rBV3	335	627	2.05%	0.366%
12	6.567	792	795	798	rBV2	480	649	2.12%	0.379%
13	6.707	815	818	821	rBV2	381	668	2.18%	0.390%
14	6.872	843	845	849	rBV2	468	601	1.96%	0.351%
15	7.628	962	969	976	rBV4	4623	11397	37.17%	6.658%
16	7.707	976	982	991	rVB2	7273	16497	53.81%	9.638%
17	8.061	1034	1040	1047	rBV3	4163	9333	30.44%	5.453%
18	8.109	1047	1048	1054	rVB2	408	587	1.91%	0.343%
19	8.170	1054	1058	1060	rBV2	376	546	1.78%	0.319%
20	8.615	1124	1131	1139	rBV3	11734	23323	76.07%	13.626%
21	9.140	1215	1217	1223	rBV3	482	819	2.67%	0.478%
22	10.109	1368	1376	1383	rBV	16690	30660	100.00%	17.912%
23	10.524	1441	1444	1450	rVB2	320	635	2.07%	0.371%
24	11.414	1584	1590	1599	rBV	13310	22335	72.85%	13.049%
25	11.956	1675	1679	1683	rBV2	480	762	2.49%	0.445%
26	12.407	1748	1753	1759	rVB2	5915	8102	26.43%	4.733%
27	12.664	1791	1795	1797	rBV3	474	536	1.75%	0.313%
28	12.731	1802	1806	1812	rVB6	2162	3813	12.44%	2.228%
29	12.895	1831	1833	1837	rVB2	662	695	2.27%	0.406%
30	12.962	1842	1844	1848	rBV2	600	683	2.23%	0.399%
31	13.042	1853	1857	1865	rVB4	773	1649	5.38%	0.963%
32	13.170	1875	1878	1882	rBV2	526	862	2.81%	0.504%
33	13.230	1884	1888	1891	rBV3	619	839	2.74%	0.490%
34	13.346	1901	1907	1914	rVB2	3340	5946	19.39%	3.474%
35	13.419	1917	1919	1926	rVB4	427	868	2.83%	0.507%
36	13.480	1926	1929	1931	rBV2	442	551	1.80%	0.322%

LSC Area Percent Report

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ALS Vial : 10 Sample Multiplier: 1

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ClientSampleId :
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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

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Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Title : SW846 8260

37	13.548	1937	1940	1943	rVB3	699	885	2.89%	0.517%
38	13.590	1943	1947	1949	rBV2	648	736	2.40%	0.430%
39	13.608	1949	1950	1954	rBV2	556	634	2.07%	0.370%
40	13.669	1954	1960	1965	rVV5	1989	3356	10.95%	1.961%
41	14.005	2011	2015	2018	rBV4	500	811	2.65%	0.474%
42	14.102	2029	2031	2034	rBV3	417	654	2.13%	0.382%
43	14.169	2037	2042	2048	rVB6	847	1835	5.98%	1.072%
44	14.486	2089	2094	2098	rBV3	795	1337	4.36%	0.781%
45	14.535	2098	2102	2106	rBV4	875	1693	5.52%	0.989%
46	14.596	2106	2112	2119	rBV5	932	2237	7.30%	1.307%
47	14.749	2136	2137	2143	rVB3	432	595	1.94%	0.348%
48	15.675	2287	2289	2291	rBV2	562	572	1.87%	0.334%
49	15.913	2326	2328	2329	rBV	608	537	1.75%	0.314%
50	16.590	2436	2439	2442	rBV2	488	714	2.33%	0.417%

Sum of corrected areas: 171169

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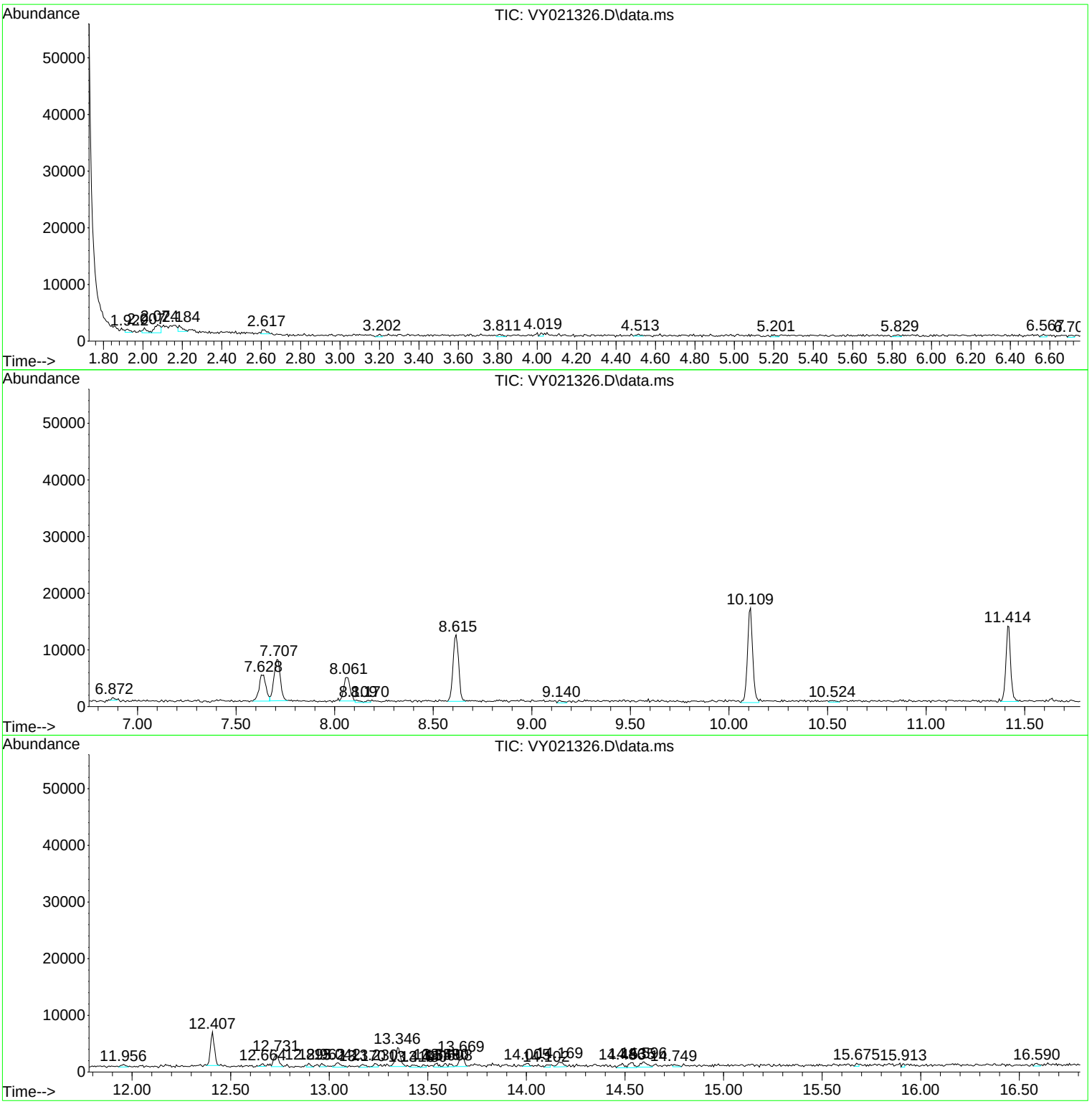
Instrument :
MSVOA_Y
ClientSampleId :
TR-06-02242025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260

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



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MSVOA_Y
ClientSampleId :
TR-06-02242025

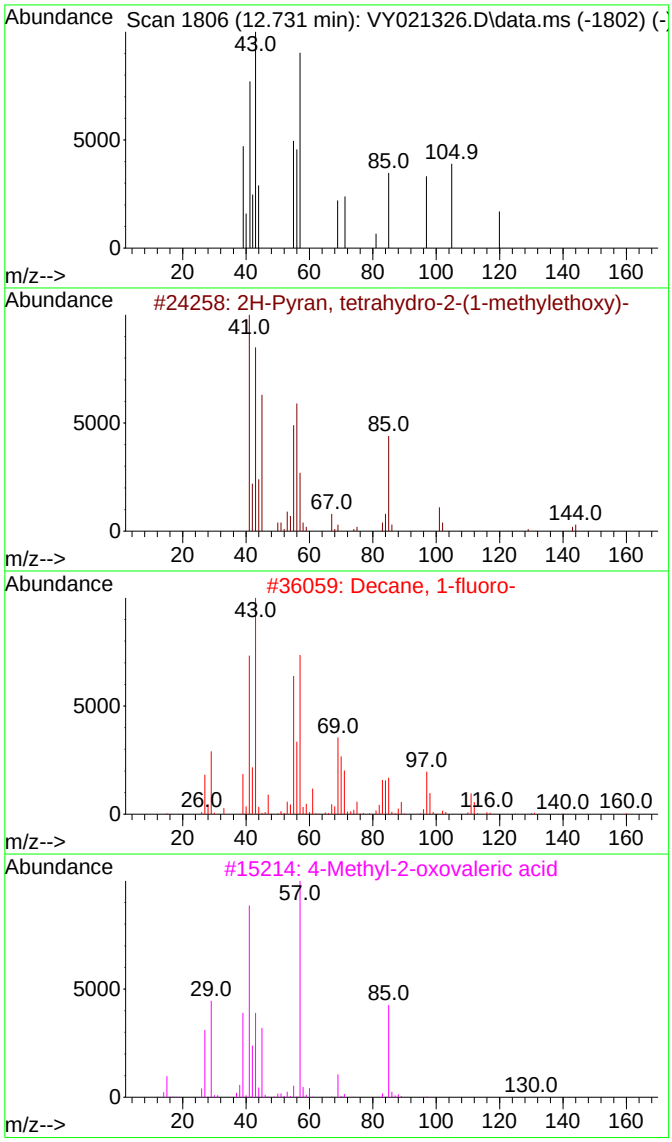
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260

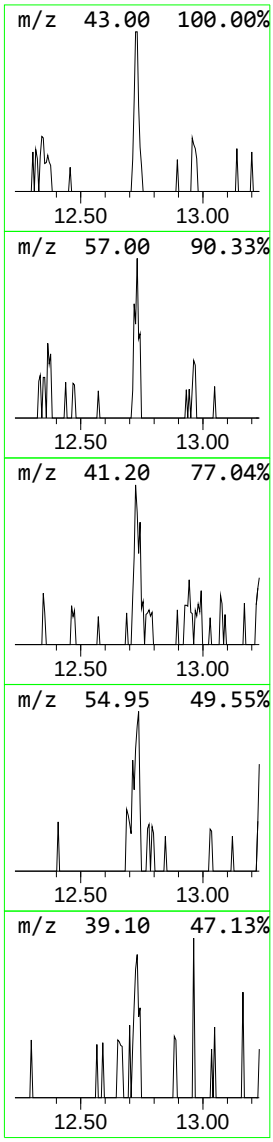
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 unknown12.731 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.731	32.06 ug/l	3813	1,4-Dichlorobenzene-d4	13.352

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Pyran, tetrahydro-2-(1-methyl...	144	C8H16O2	001927-70-4	32
2	Decane, 1-fluoro-	160	C10H21F	000334-56-5	25
3	4-Methyl-2-oxovaleric acid	130	C6H10O3	000816-66-0	25
4	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	25
5	Oxalic acid, allyl pentadecyl ester	340	C20H36O4	1000309-24-3	25





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Instrument :
MSVOA_Y
ClientSampleId :
TR-06-02242025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260

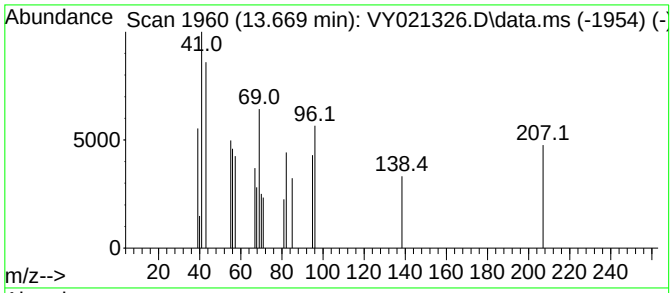
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

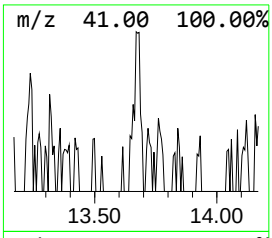
****

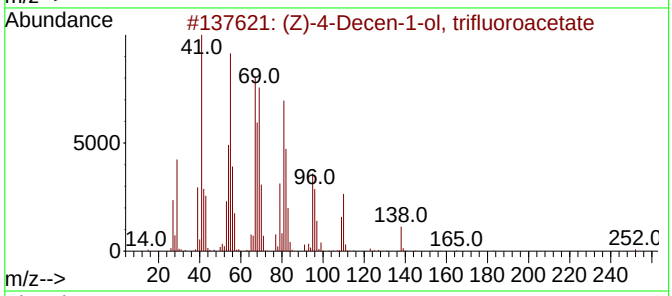
Peak Number 6 unknown13.669 Concentration Rank 2

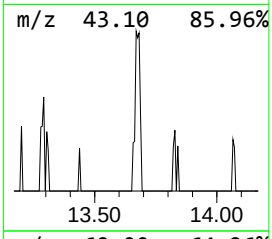
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.669	28.22 ug/l	3356	1,4-Dichlorobenzene-d4	13.352

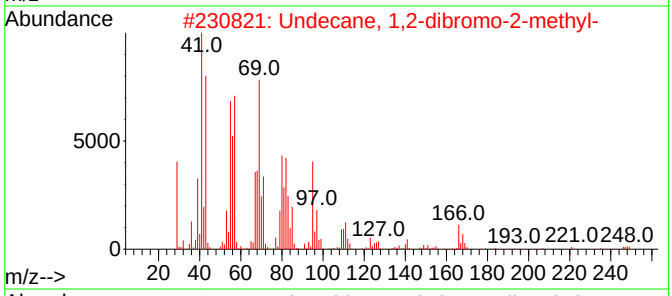
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(Z)-4-Decen-1-ol, trifluoroacetate	252	C12H19F3O2	1000352-33-5	47
2	Undecane, 1,2-dibromo-2-methyl-	326	C12H24Br2	055334-43-5	38
3	Butanoic acid, 3-methyl-, 3,7-di...	240	C15H28O2	068922-10-1	35
4	Citronellol	156	C10H20O	000106-22-9	27
5	R(-)3,7-Dimethyl-1,6-octadiene	138	C10H18	010281-56-8	27

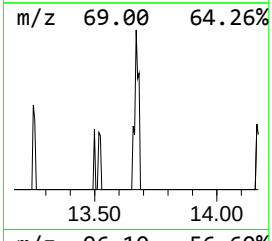


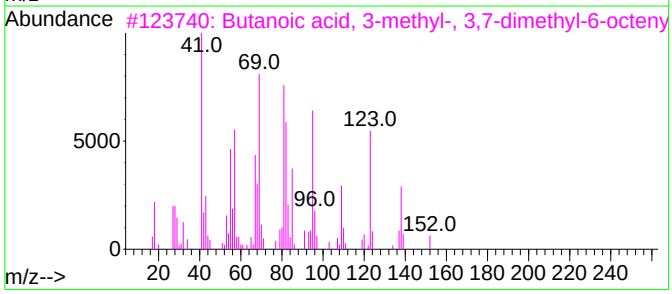


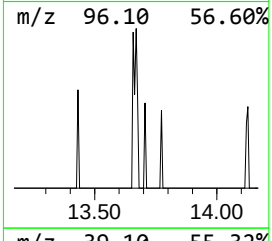


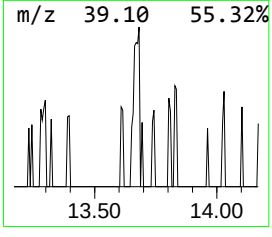












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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260

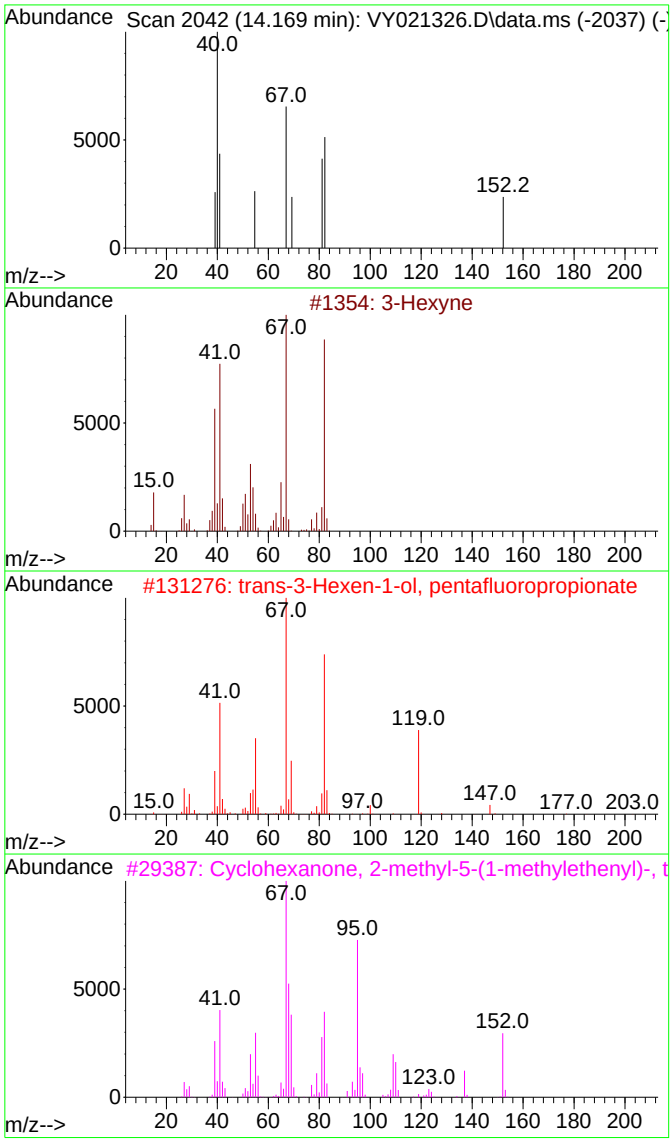
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

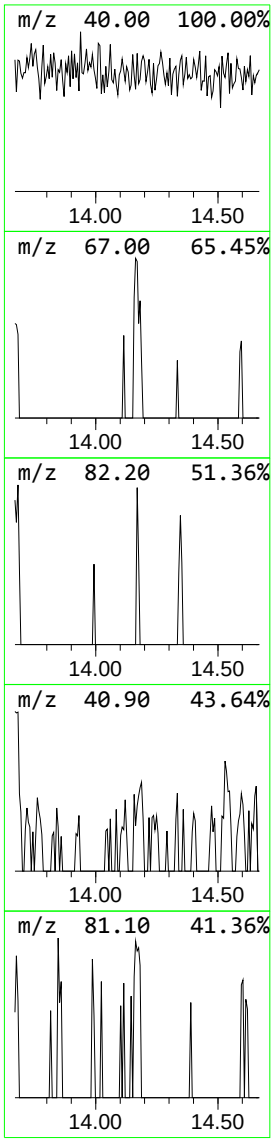
****

Peak Number 7 unknown14.169 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.169	15.43 ug/l	1835	1,4-Dichlorobenzene-d4	13.352

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexyne	82	C6H10	000928-49-4	42
2	trans-3-Hexen-1-ol, pentafluorop...	246	C9H11F5O2	1000352-30-9	39
3	Cyclohexanone, 2-methyl-5-(1-met...	152	C10H16O	005948-04-9	9
4	Cyclohexanone, 2-methyl-5-(1-met...	152	C10H16O	007764-50-3	9
5	1,3-Butadiene, 2,3-dimethyl-	82	C6H10	000513-81-5	9





Tentatively Identified Compound (LSC) summary

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Quant Title : SW846 8260

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TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown12.731	12.731	32.1	ug/l	3813	4	13.352	5946	50.0
unknown13.669	13.669	28.2	ug/l	3356	4	13.352	5946	50.0
unknown14.169	14.169	15.4	ug/l	1835	4	13.352	5946	50.0