LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033022\
Data File : VY008102.D
Acq On : 30 Mar 2022 10:40
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % 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\82Y032522S.M
Title : SW846 8260

Signal : TIC: VY008102.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.912	9	15	27	rVB	87425	127731	6.00%	0.245%
2	2.119	44	49	66	rBV	90388	135878	6.38%	0.260%
3	2.260	66	72	86	rVV	107727	177765	8.35%	0.340%
4	2.656	130	137	152	rVB	116645	241956	11.36%	0.463%
5	2.802	154	161	174	rVB	72346	141985	6.67%	0.272%
6	3.137	207	216	232	rVB	130888	318826	14.97%	0.610%
7	3.534	272	281	298	rBV	75238	184970	8.69%	0.354%
8	3.735	307	314	328	rVB	31919	81957	3.85%	0.157%
9	3.887	328	339	363	rBV4	206349	954548	44.83%	1.828%
10	4.101	364	374	383	rVV	64683	182163	8.56%	0.349%
11	4.204	383	391	410	rVB	115542	315384	14.81%	0.604%
12	4.491	416	438	457	rBV2	135322	419621	19.71%	0.803%
13	4.723	463	476	494	rBV	111179	355612	16.70%	0.681%
14	4.960	502	515	533	rBV	18072	68884	3.24%	0.132%
15	5.229	538	559	580	rBV3	268446	1166086	54.77%	2.233%
16	6.064	678	696	702	rBV2	336572	1297869	60.95%	2.485%
17	6.990	833	848	857	rBV	408605	1169651	54.93%	2.239%
18	7.082	857	863	869	rBV3	78345	198097	9.30%	0.379%
19	7.344	890	906	924	rBV3	195751	662856	31.13%	1.269%
20	7.509	924	933	946	rBV	177268	435603	20.46%	0.834%
21	7.716	954	967	973	rBV3	282295	788248	37.02%	1.509%
22	7.795	973	980	987	rVV2	464104	1156577	54.32%	2.214%
23	7.917	987	1000	1019	rVB4	360323	1361497	63.94%	2.607%
24	8.161	1028	1040	1048	rBV3	412000	1038684	48.78%	1.989%
25	8.240	1048	1053	1056	rBV	106286	215291	10.11%	0.412%
26	8.691	1117	1127	1138	rBV	321402	638499	29.99%	1.222%
27	8.941	1160	1168	1182	rVB	310714	606301	28.48%	1.161%
28	9.185	1200	1208	1212	rBV	365845	831459	39.05%	1.592%
29	9.301	1220	1227	1233	rBV3	248798	543300	25.52%	1.040%
30	9.362	1233	1237	1246	rVB	103796	179190	8.42%	0.343%
31	9.502	1251	1260	1268	rBV	211473	395968	18.60%	0.758%
32	9.722	1289	1296	1300	rBV	25592	47301	2.22%	0.091%
33	9.783	1300	1306	1317	rVB	448517	782645	36.76%	1.498%
34	9.929	1323	1330	1340	rBV	296628	517622	24.31%	0.991%
35	10.075	1346	1354	1364	rBV	529135	901072	42.32%	1.725%
36	10.185	1364	1372	1377	rVV	492494	847584	39.81%	1.623%

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LabSampleId :
VSTDCCC050

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % 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\82Y032522S.M
Title : SW846 8260

37	10.246	1377	1382	1396	rVB	588067	999862	46.96%	1.914%
38	10.471	1410	1419	1422	rBV	260302	443347	20.82%	0.849%
39	10.514	1422	1426	1433	rVB	207392	322416	15.14%	0.617%
40	10.648	1441	1448	1454	rBV	265253	445053	20.90%	0.852%
41	10.721	1454	1460	1466	rVV	422124	705259	33.12%	1.350%
42	10.795	1466	1472	1475	rVV	221838	379582	17.83%	0.727%
43	10.837	1475	1479	1489	rVV	394315	618288	29.04%	1.184%
44	10.935	1489	1495	1499	rVV	167831	257258	12.08%	0.493%
45	10.990	1499	1504	1514	rVB	197753	339408	15.94%	0.650%
46	11.093	1514	1521	1528	rBV	129862	219793	10.32%	0.421%
47	11.496	1579	1587	1588	rBV	491801	700921	32.92%	1.342%
48	11.593	1597	1603	1613	rVB	1080990	1722802	80.91%	3.298%
49	11.709	1613	1622	1636	rVB	1130824	2129225	100.00%	4.077%
50	12.038	1668	1676	1688	rBV2	982864	1977561	92.88%	3.786%
51	12.148	1688	1694	1699	rVV	231488	330351	15.52%	0.632%
52	12.209	1699	1704	1713	rVB	148496	247412	11.62%	0.474%
53	12.331	1717	1724	1729	rVV	742948	1178037	55.33%	2.255%
54	12.380	1729	1732	1739	rVV	143535	219444	10.31%	0.420%
55	12.483	1743	1749	1757	rVB2	379423	618006	29.02%	1.183%
56	12.611	1759	1770	1777	rBV3	552280	1458142	68.48%	2.792%
57	12.672	1777	1780	1787	rVV	743591	1107961	52.04%	2.121%
58	12.758	1787	1794	1799	rVV	572839	917285	43.08%	1.756%
59	12.813	1799	1803	1807	rVV	732564	1141971	53.63%	2.186%
60	12.855	1807	1810	1822	rVB	590686	886693	41.64%	1.698%
61	13.081	1839	1847	1850	rBV	701732	1152131	54.11%	2.206%
62	13.123	1850	1854	1861	rVB2	1025672	1607477	75.50%	3.078%
63	13.258	1867	1876	1883	rBV	784203	1165785	54.75%	2.232%
64	13.373	1888	1895	1900	rVV	1286310	1992326	93.57%	3.814%
65	13.447	1900	1907	1918	rVB2	651534	1575284	73.98%	3.016%
66	13.703	1942	1949	1952	rBV	726857	1095571	51.45%	2.098%
67	13.745	1952	1956	1966	rVB	477988	749640	35.21%	1.435%
68	13.965	1985	1992	1999	rVB	429612	679035	31.89%	1.300%
69	14.361	2050	2057	2064	rVB2	69086	125574	5.90%	0.240%
70	14.672	2102	2108	2116	rBV	604854	933624	43.85%	1.787%
71	15.013	2157	2164	2171	rVB	388836	629742	29.58%	1.206%
72	15.117	2174	2181	2189	rVB	358981	577060	27.10%	1.105%
73	15.239	2193	2201	2208	rBV	321262	529426	24.86%	1.014%
74	15.428	2220	2232	2241	rBV	327162	563860	26.48%	1.080%

Sum of corrected areas: 52231292

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MSVOA_Y
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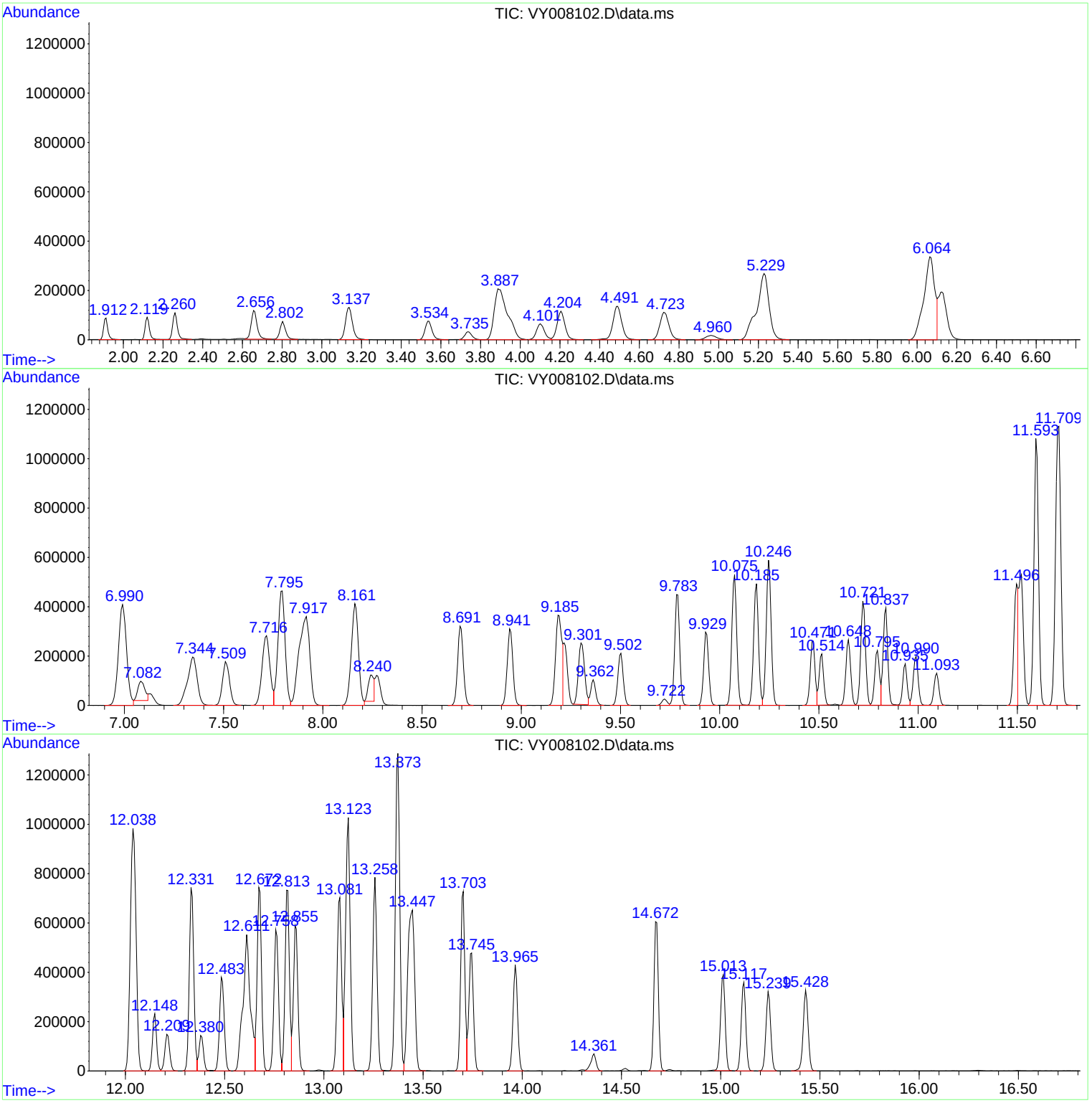
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
Quant Title : SW846 8260

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



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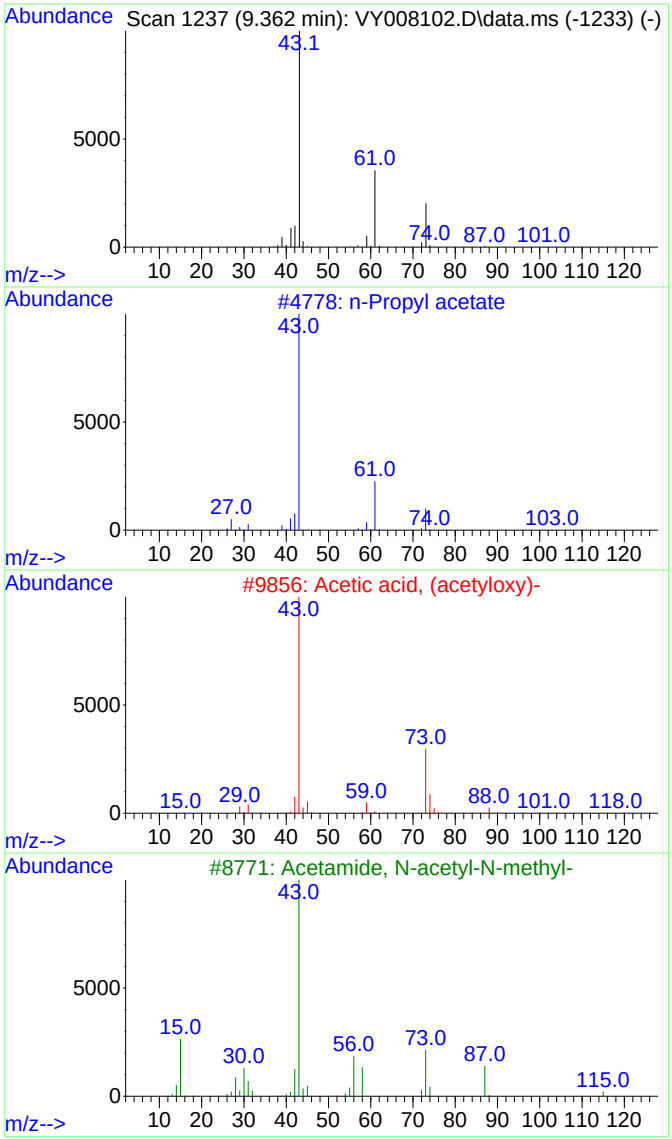
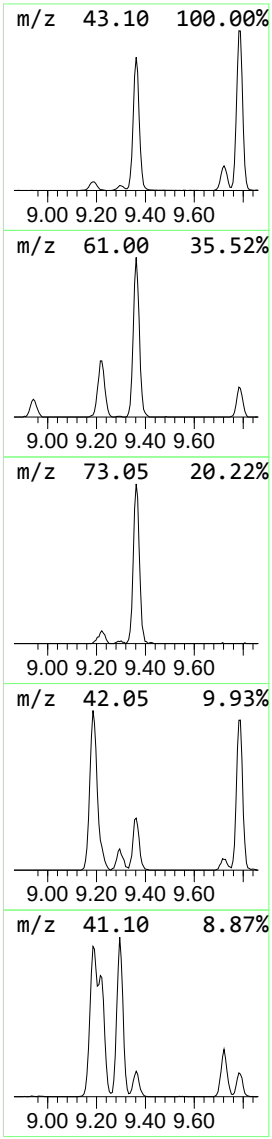
****

Peak Number 1 n-Propyl acetate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.362	14.03 ug/l	179190	1,4-Difluorobenzene	8.691

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Propyl acetate	102	C5H10O2	000109-60-4	74
2	Acetic acid, (acetyloxy)-	118	C4H6O4	013831-30-6	9
3	Acetamide, N-acetyl-N-methyl-	115	C5H9NO2	001113-68-4	9
4	Isopropyl acetate	102	C5H10O2	000108-21-4	9
5	1-Butanamine	73	C4H11N	000109-73-9	7





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LabSampleId :
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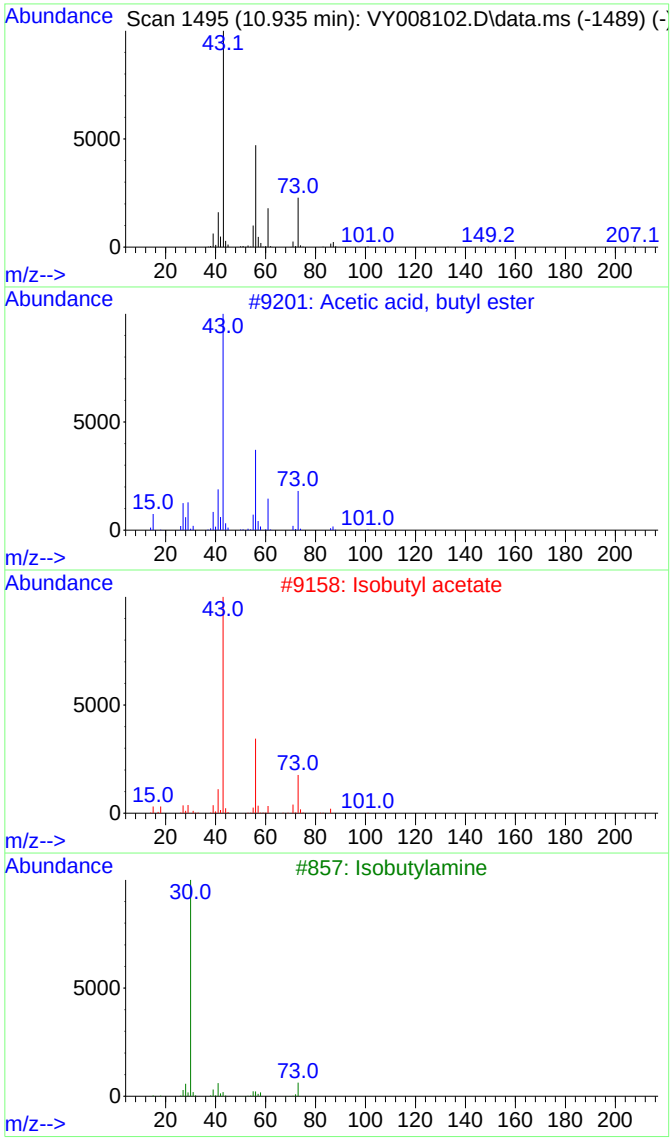
Quant Title : SW846 8260

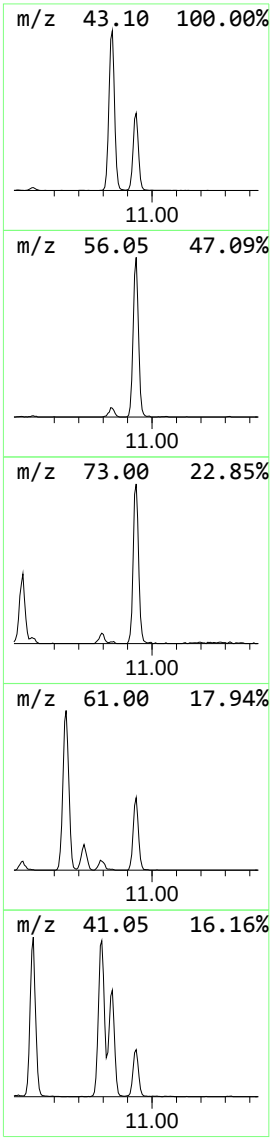
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Acetic acid, butyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.935	18.35 ug/l	257258	Chlorobenzene-d5	11.496

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, butyl ester	116	C6H12O2	000123-86-4	78
2	Isobutyl acetate	116	C6H12O2	000110-19-0	39
3	Isobutylamine	73	C4H11N	000078-81-9	9
4	2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	9
5	Isopropyl acetate	102	C5H10O2	000108-21-4	9





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Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

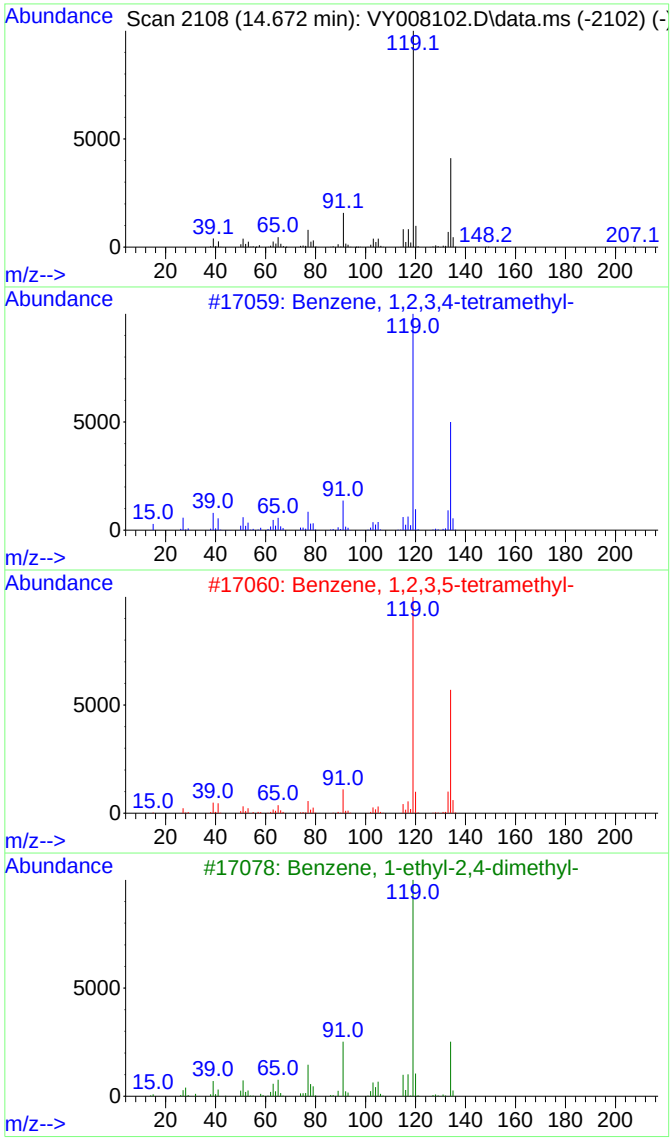
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
Quant Title : SW846 8260

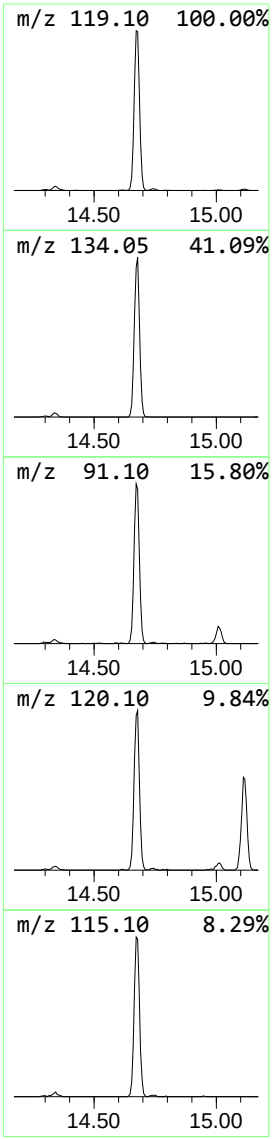
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.672	29.63 ug/l	933624	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
5	o-Cymene	134	C10H14	000527-84-4	95





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Propyl acetate	9.362	14.0	ug/l	179190	2	8.691	638499	50.0
Acetic acid, bu...	10.935	18.4	ug/l	257258	3	11.496	700921	50.0
Benzene, 1,2,3,...	14.672	29.6	ug/l	933624	4	13.428	1575280	50.0